

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011923\
 Data File : BG056348.D
 Acq On : 19 Jan 2023 15:36
 Operator : CG/JU
 Sample : PB150301BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150301BL

Quant Time: Jan 20 01:34:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 19 00:31:30 2023
 Response via : Initial Calibration

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

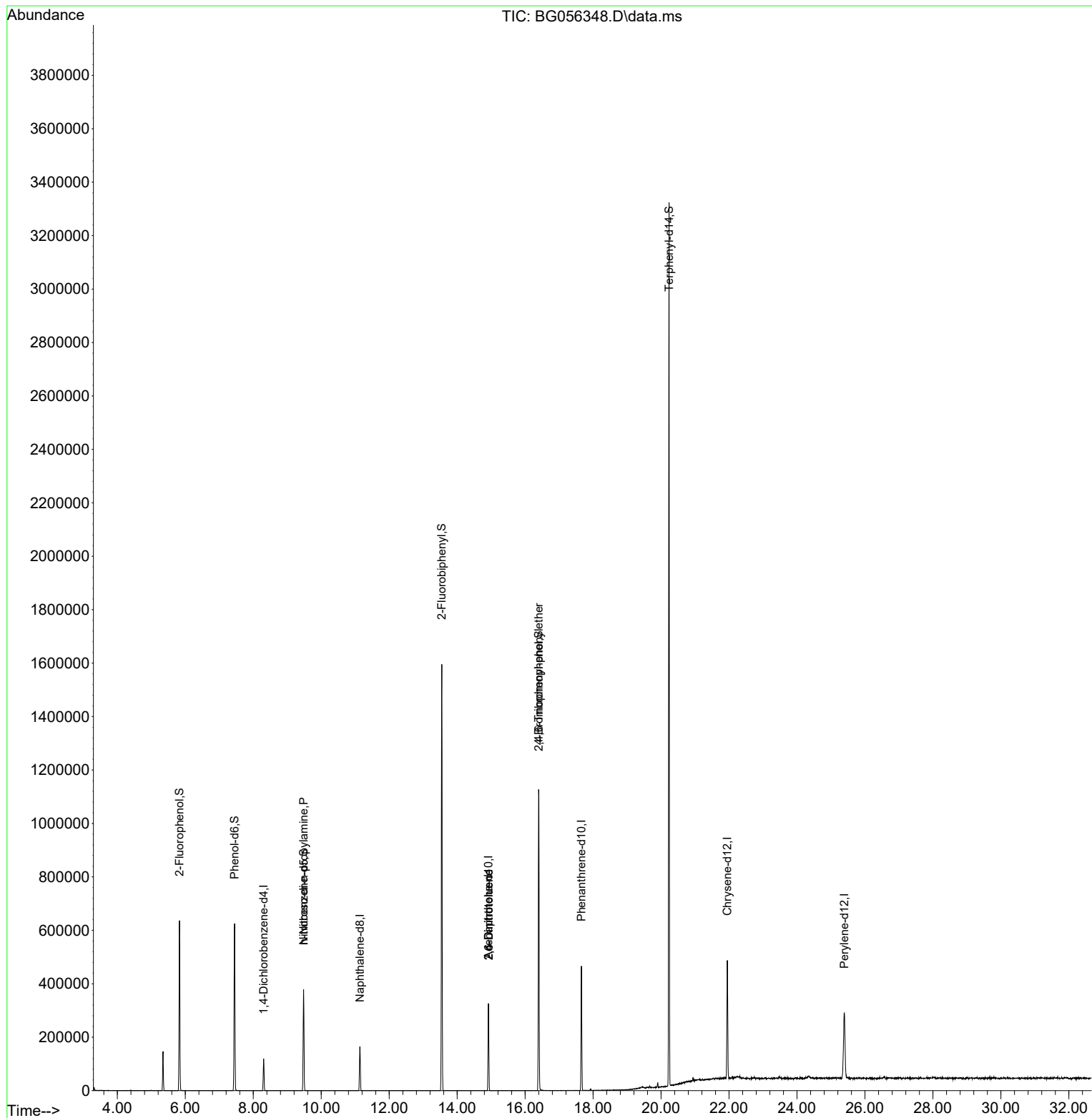
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.306	152	40962	20.000	ng	0.00
21) Naphthalene-d8	11.138	136	157109	20.000	ng	0.00
39) Acenaphthene-d10	14.916	164	133267	20.000	ng	0.00
64) Phenanthrene-d10	17.654	188	331669	20.000	ng	0.00
76) Chrysene-d12	21.949	240	301452	20.000	ng	# 0.00
86) Perylene-d12	25.392	264	323377	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.827	112	361180	157.435	ng	0.00
7) Phenol-d6	7.449	99	499707	141.835	ng	0.00
23) Nitrobenzene-d5	9.482	82	265258	86.363	ng	0.00
42) 2,4,6-Tribromophenol	16.403	330	255725	151.513	ng	0.00
45) 2-Fluorobiphenyl	13.547	172	943393	97.753	ng	0.00
79) Terphenyl-d14	20.234	244	1760416	104.594	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.482	70	32116	14.991	ng	# 72
51) 2,6-Dinitrotoluene	14.922	165	17584	7.671	ng	# 31
57) 2,4-Dinitrotoluene	14.922	165	17584	5.485	ng	# 28
67) 4-Bromophenyl-phenylether	16.397	248	19732	4.672	ng	# 1

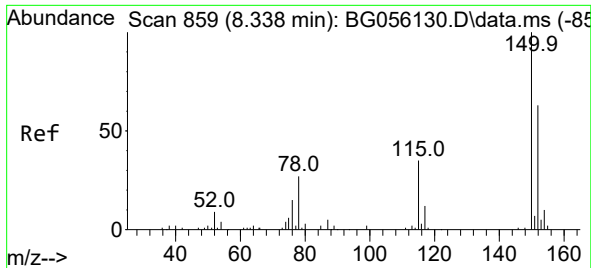
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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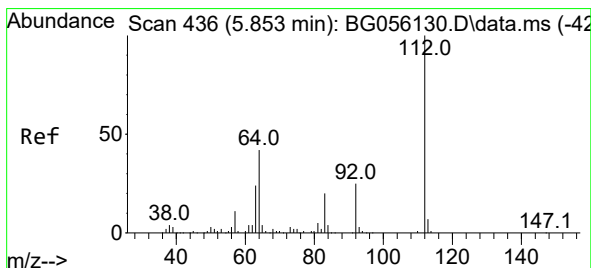
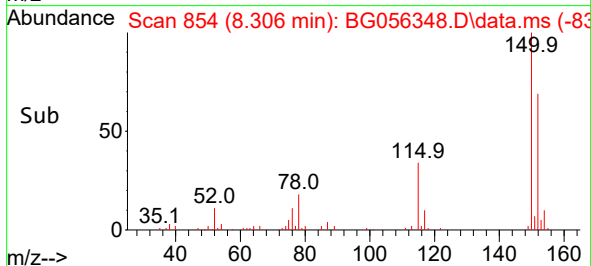
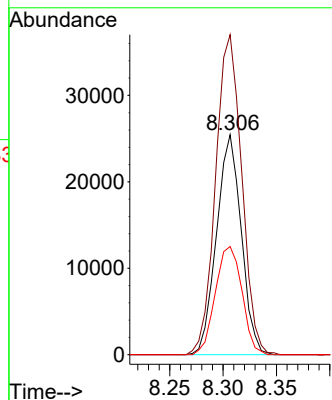
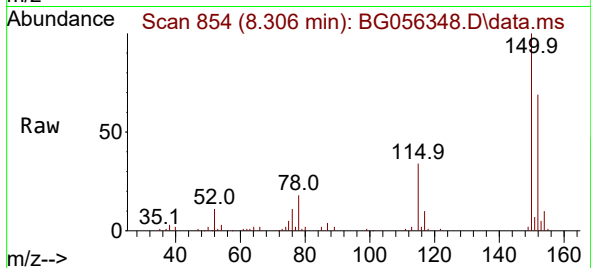




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.306 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG056348.D
Acq: 19 Jan 2023 15:36

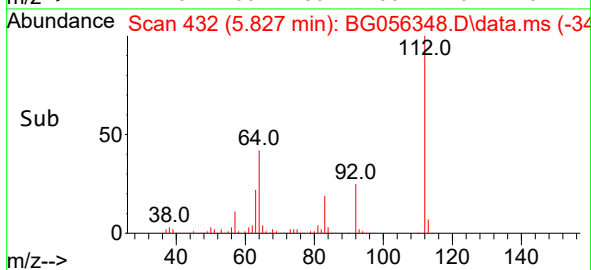
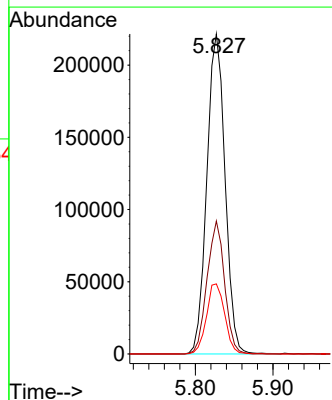
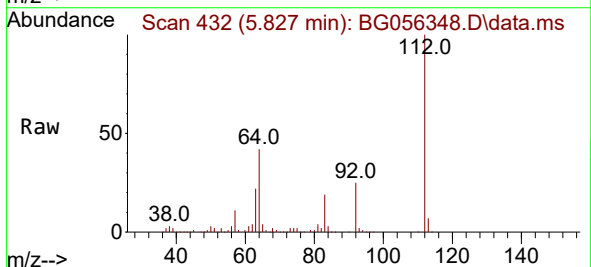
Instrument :
BNA_G
ClientSampleId :
PB150301BL

Tgt Ion:152 Resp: 40962
Ion Ratio Lower Upper
152 100
150 145.4 127.9 191.9
115 49.1 44.2 66.2



#5
2-Fluorophenol
Concen: 157.435 ng
RT: 5.827 min Scan# 432
Delta R.T. 0.001 min
Lab File: BG056348.D
Acq: 19 Jan 2023 15:36

Tgt Ion:112 Resp: 361180
Ion Ratio Lower Upper
112 100
64 41.5 33.3 49.9
63 21.9 19.0 28.4

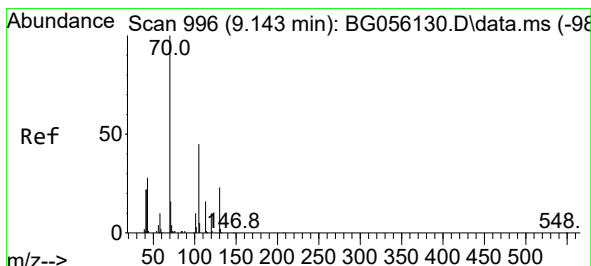
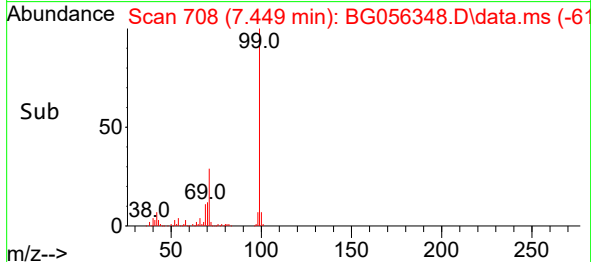
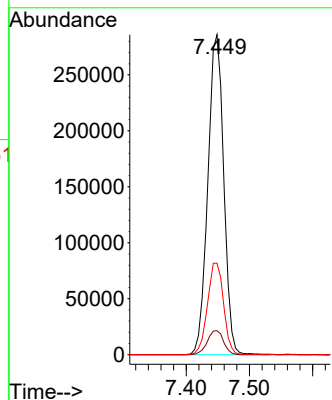
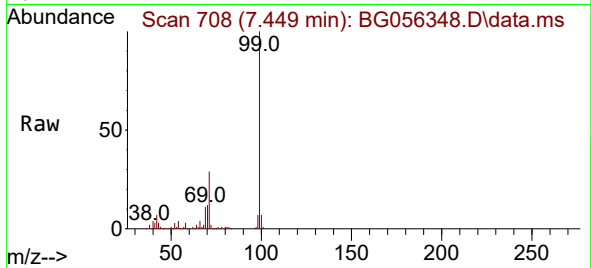




#7
Phenol-d6
Concen: 141.835 ng
RT: 7.449 min Scan# 70
Delta R.T. 0.001 min
Lab File: BG056348.D
Acq: 19 Jan 2023 15:36

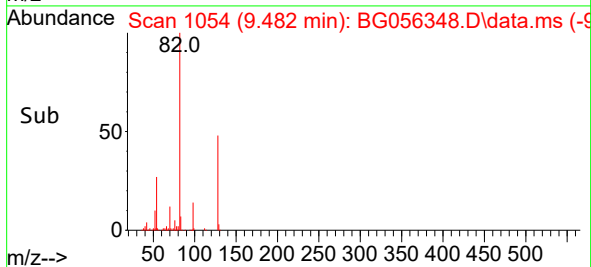
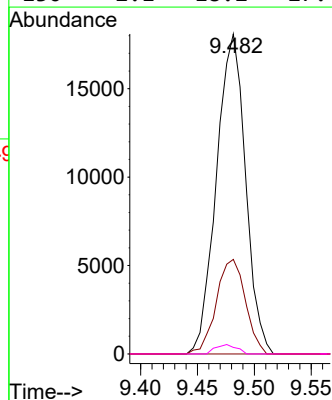
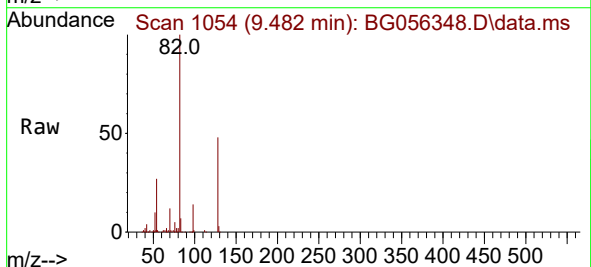
Instrument :
BNA_G
ClientSampleId :
PB150301BL

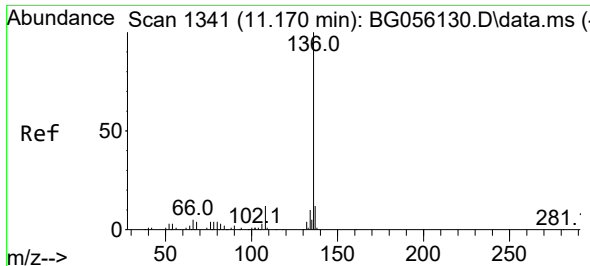
Tgt Ion: 99 Resp: 499707
Ion Ratio Lower Upper
99 100
42 7.5 5.9 8.9
71 28.6 25.4 38.2



#19
n-Nitroso-di-n-propylamine
Concen: 14.991 ng
RT: 9.482 min Scan# 1054
Delta R.T. 0.371 min
Lab File: BG056348.D
Acq: 19 Jan 2023 15:36

Tgt Ion: 70 Resp: 32116
Ion Ratio Lower Upper
70 100
42 29.5 18.2 27.2#
101 0.0 8.3 12.5#
130 2.1 18.2 27.4#

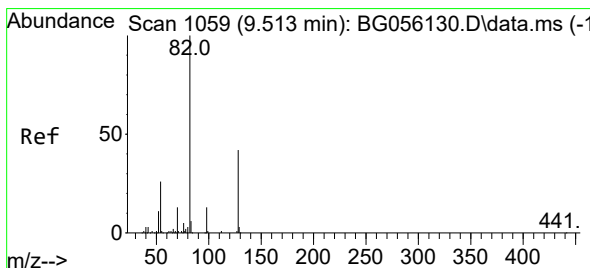
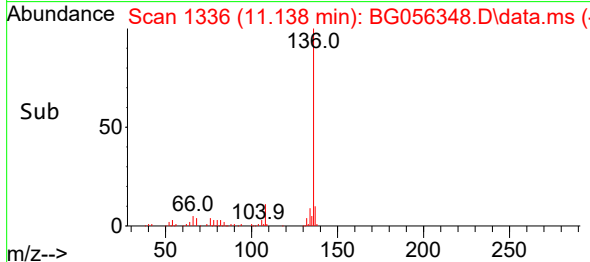
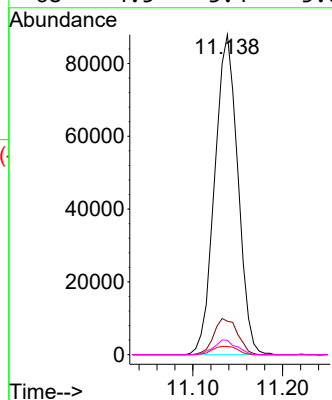
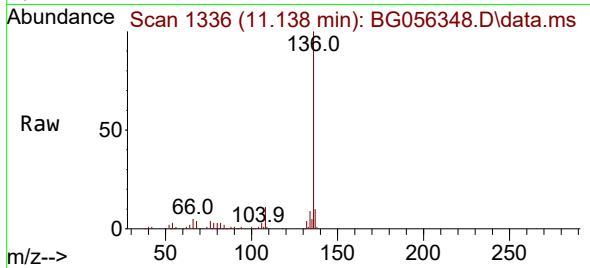




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.138 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG056348.D
Acq: 19 Jan 2023 15:36

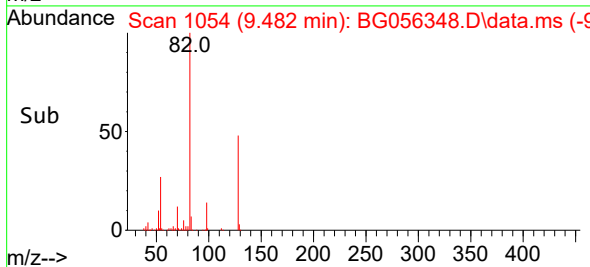
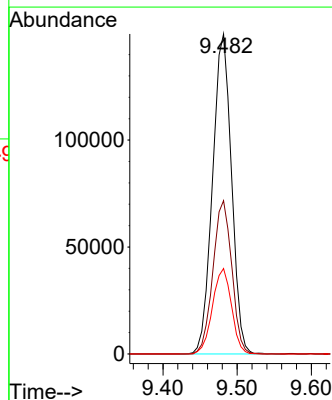
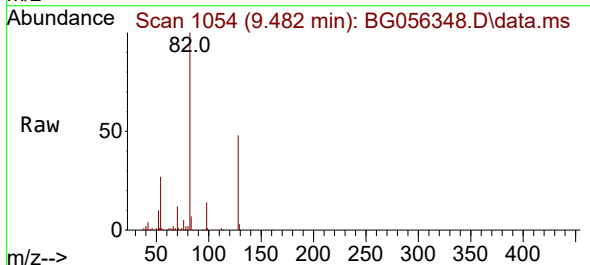
Instrument :
BNA_G
ClientSampleId :
PB150301BL

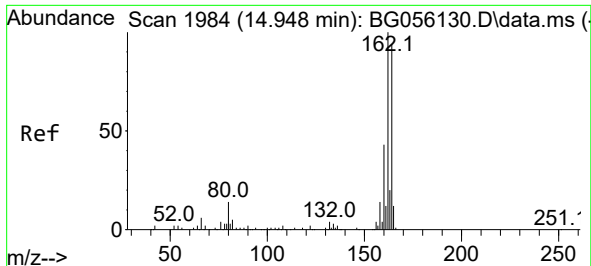
Tgt Ion:136 Resp: 157109
Ion Ratio Lower Upper
136 100
137 10.5 9.4 14.0
54 2.5 2.2 3.2
68 4.5 3.4 5.0



#23
Nitrobenzene-d5
Concen: 86.363 ng
RT: 9.482 min Scan# 1054
Delta R.T. -0.005 min
Lab File: BG056348.D
Acq: 19 Jan 2023 15:36

Tgt Ion: 82 Resp: 265258
Ion Ratio Lower Upper
82 100
128 47.9 33.4 50.2
54 26.7 20.3 30.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.916 min Scan# 1984

Delta R.T. -0.005 min

Lab File: BG056348.D

Acq: 19 Jan 2023 15:36

Instrument :

BNA_G

ClientSampleId :

PB150301BL

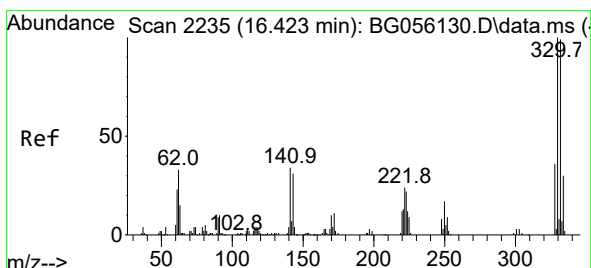
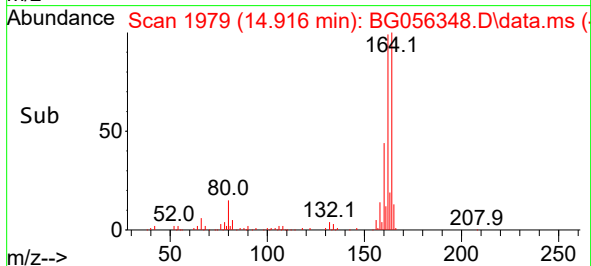
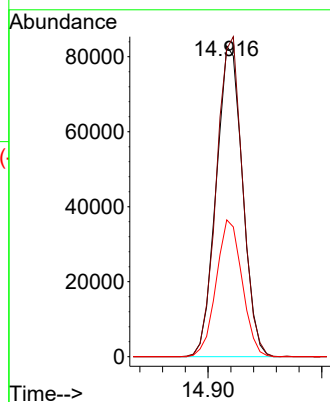
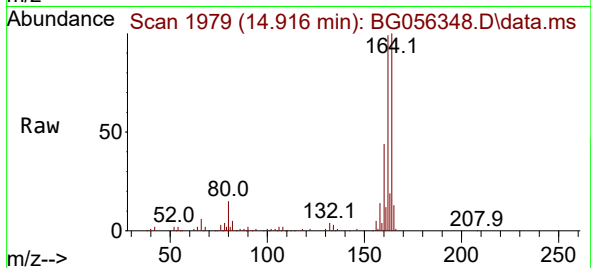
Tgt Ion:164 Resp: 133267

Ion Ratio Lower Upper

164 100

162 99.0 84.7 127.1

160 44.0 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 151.513 ng

RT: 16.403 min Scan# 2232

Delta R.T. 0.001 min

Lab File: BG056348.D

Acq: 19 Jan 2023 15:36

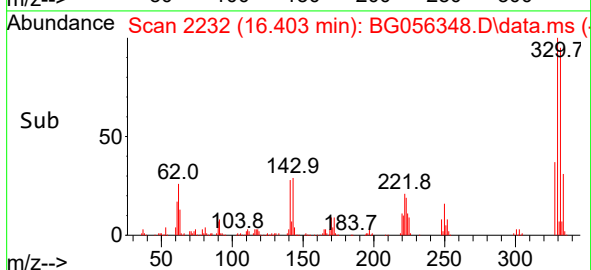
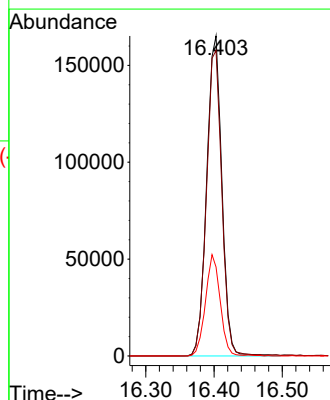
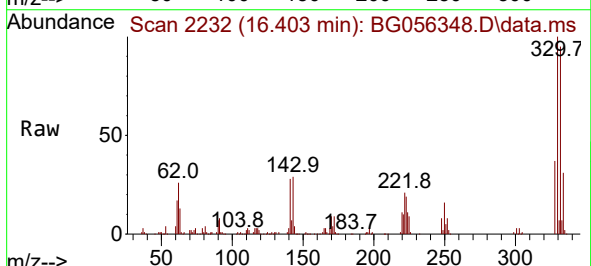
Tgt Ion:330 Resp: 255725

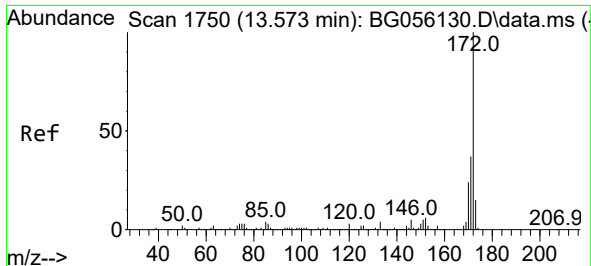
Ion Ratio Lower Upper

330 100

332 96.0 77.3 115.9

141 30.8 27.9 41.9

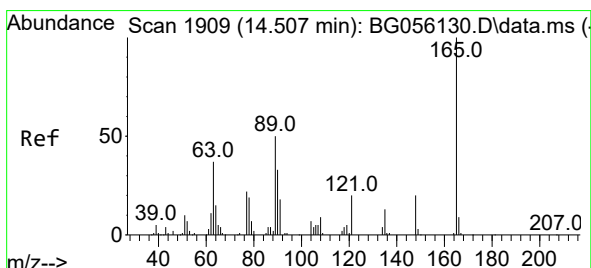
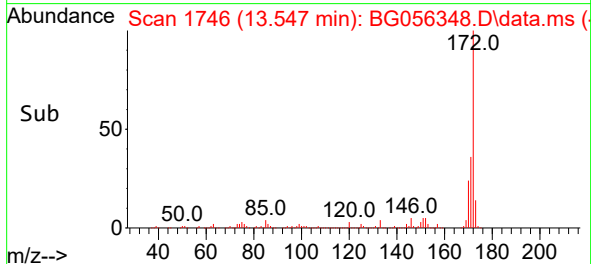
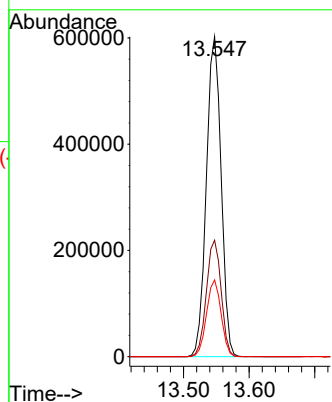
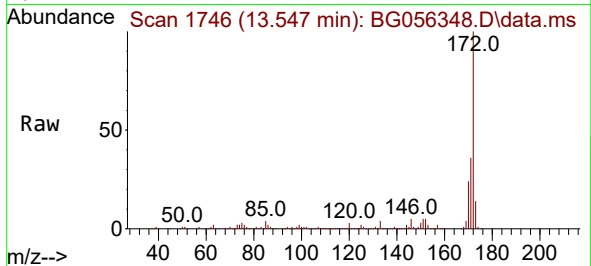




#45
2-Fluorobiphenyl
Concen: 97.753 ng
RT: 13.547 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG056348.D
Acq: 19 Jan 2023 15:36

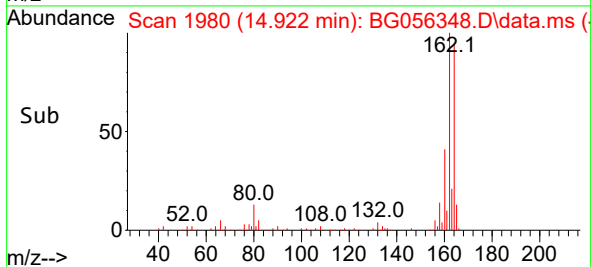
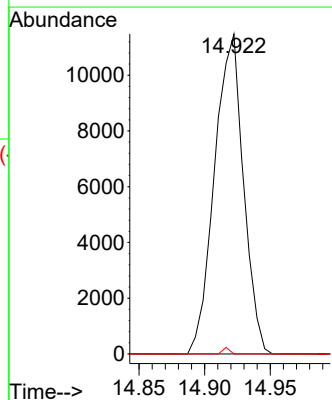
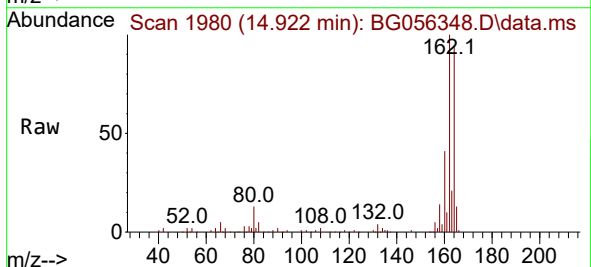
Instrument :
BNA_G
ClientSampleId :
PB150301BL

Tgt Ion:172 Resp: 943393
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 24.0 19.4 29.2



#51
2,6-Dinitrotoluene
Concen: 7.671 ng
RT: 14.922 min Scan# 1980
Delta R.T. 0.435 min
Lab File: BG056348.D
Acq: 19 Jan 2023 15:36

Tgt Ion:165 Resp: 17584
Ion Ratio Lower Upper
165 100
63 0.0 32.2 48.2#
89 0.0 39.8 59.8#





#57

2,4-Dinitrotoluene

Concen: 5.485 ng

RT: 14.922 min Scan# 1980

Delta R.T. -0.352 min

Lab File: BG056348.D

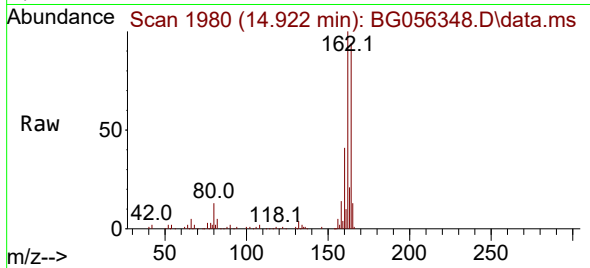
Acq: 19 Jan 2023 15:36

Instrument :

BNA_G

ClientSampleId :

PB150301BL



Tgt Ion:165 Resp: 17584

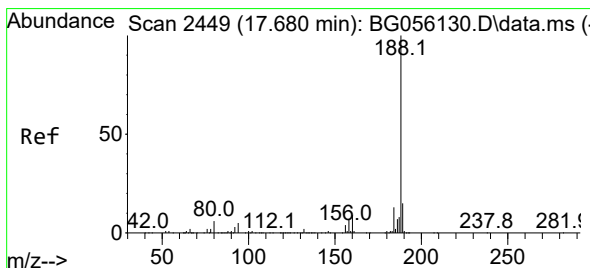
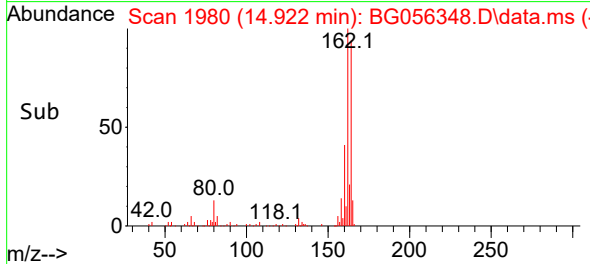
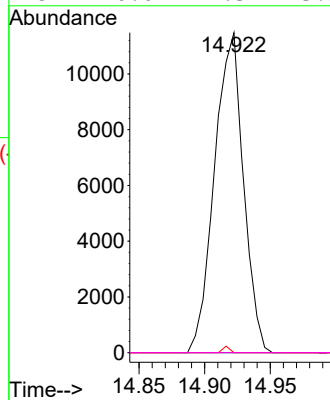
Ion Ratio Lower Upper

165 100

63 0.0 22.6 34.0#

89 0.0 53.2 79.8#

182 0.0 2.3 3.5#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.654 min Scan# 2445

Delta R.T. -0.005 min

Lab File: BG056348.D

Acq: 19 Jan 2023 15:36

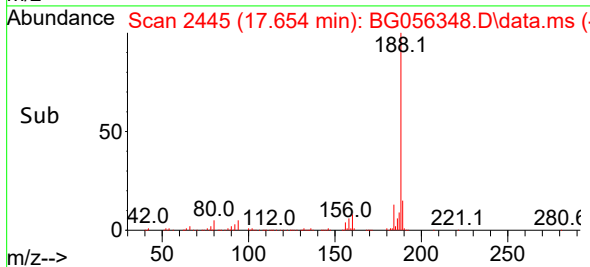
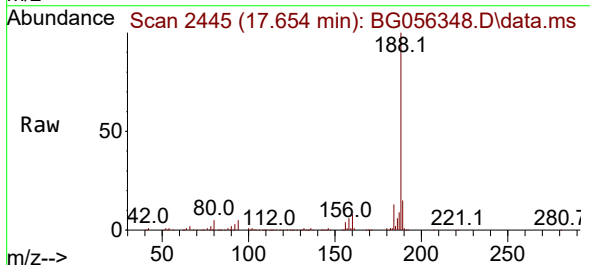
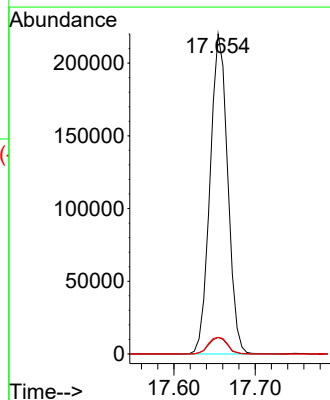
Tgt Ion:188 Resp: 331669

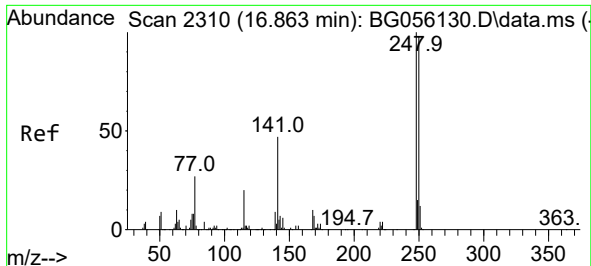
Ion Ratio Lower Upper

188 100

94 5.1 4.2 6.2

80 5.2 5.0 7.4

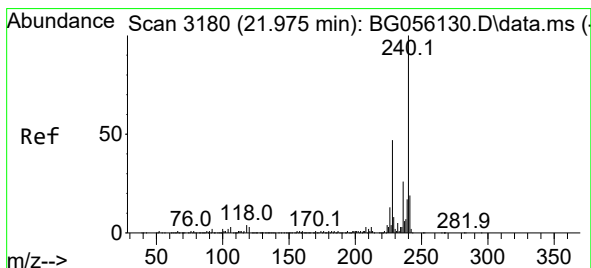
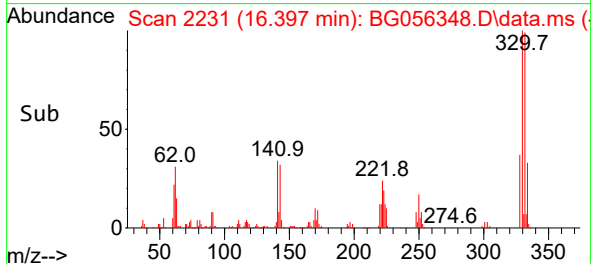
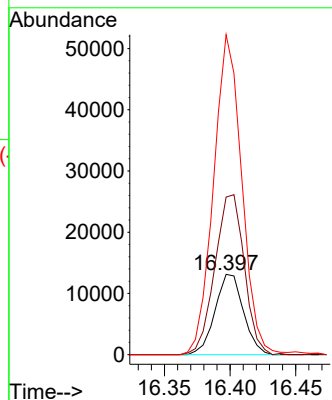
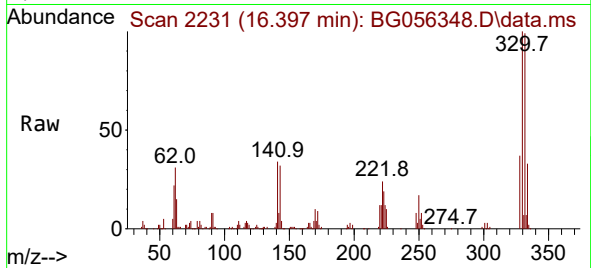




#67
4-Bromophenyl-phenylether
Concen: 4.672 ng
RT: 16.397 min Scan# 21
Delta R.T. -0.440 min
Lab File: BG056348.D
Acq: 19 Jan 2023 15:36

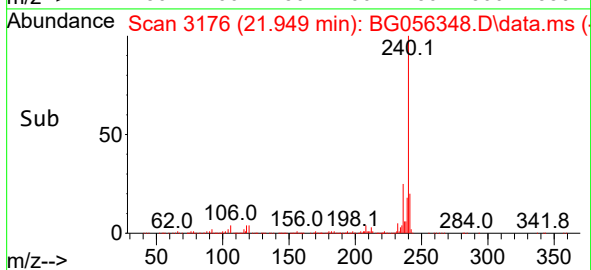
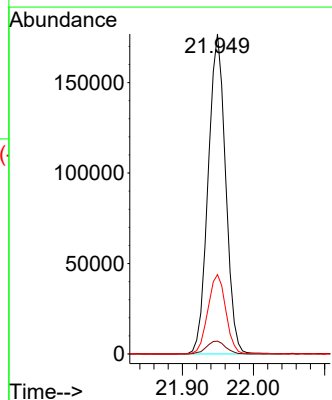
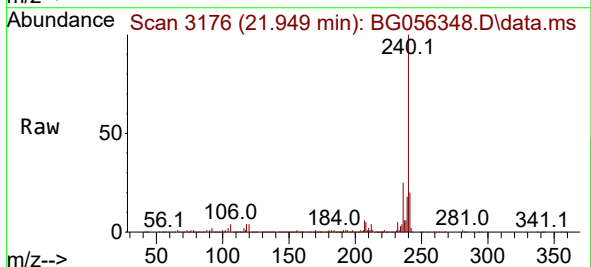
Instrument :
BNA_G
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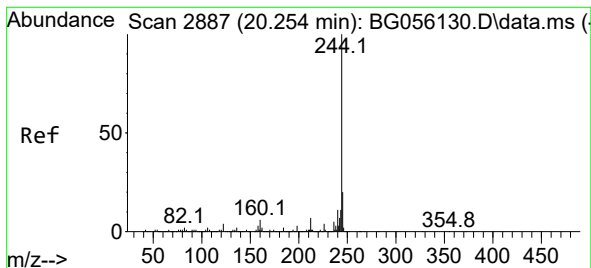
Tgt Ion:248 Resp: 19732
Ion Ratio Lower Upper
248 100
250 196.2 78.2 117.4#
141 398.6 37.6 56.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.949 min Scan# 3176
Delta R.T. -0.005 min
Lab File: BG056348.D
Acq: 19 Jan 2023 15:36

Tgt Ion:240 Resp: 301452
Ion Ratio Lower Upper
240 100
120 4.0 2.6 4.0#
236 24.8 20.8 31.2





#79

Terphenyl-d14

Concen: 104.594 ng

RT: 20.234 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG056348.D

Acq: 19 Jan 2023 15:36

Instrument :

BNA_G

ClientSampleId :

PB150301BL

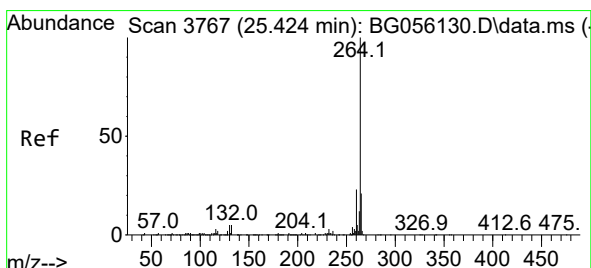
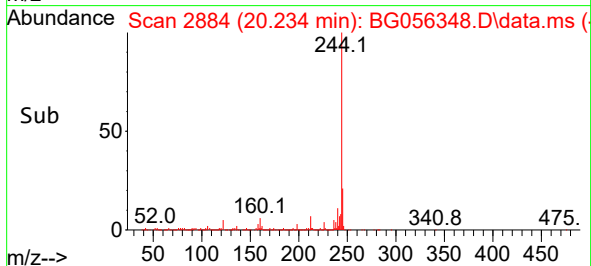
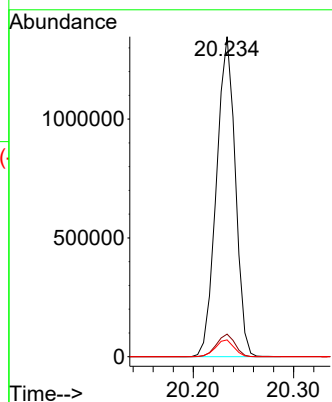
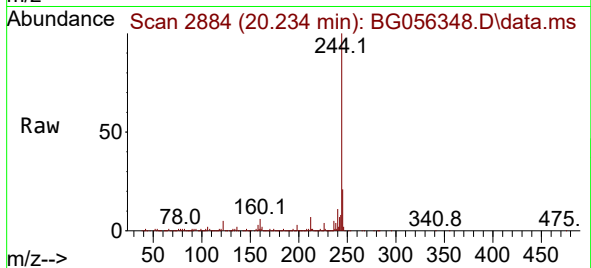
Tgt Ion:244 Resp: 1760416

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 5.3 3.5 5.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.392 min Scan# 3762

Delta R.T. 0.001 min

Lab File: BG056348.D

Acq: 19 Jan 2023 15:36

Tgt Ion:264 Resp: 323377

Ion Ratio Lower Upper

264 100

260 22.1 18.6 28.0

265 21.2 16.7 25.1

