

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011823\
 Data File : BG056338.D
 Acq On : 18 Jan 2023 21:32
 Operator : CG/JU
 Sample : 01184-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 APNB-BOT-1

Quant Time: Jan 19 00:34:37 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)

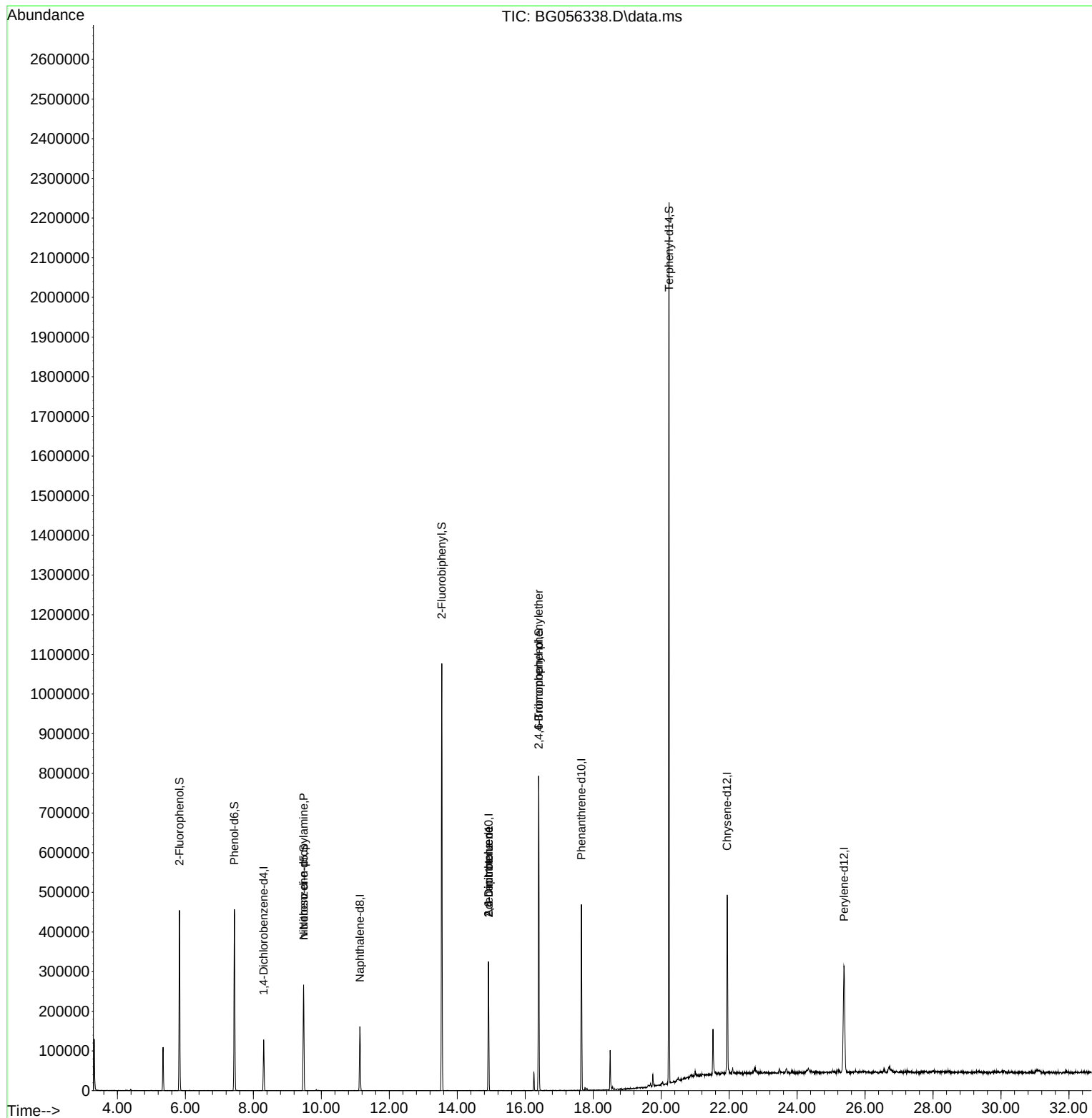
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.305	152	40462	20.000	ng	0.00
21) Naphthalene-d8	11.137	136	154134	20.000	ng	0.00
39) Acenaphthene-d10	14.921	164	124474	20.000	ng	0.00
64) Phenanthrene-d10	17.653	188	324751	20.000	ng	0.00
76) Chrysene-d12	21.942	240	308941	20.000	ng	#-0.01
86) Perylene-d12	25.379	264	329775	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.825	112	248975	109.867	ng	0.00
7) Phenol-d6	7.441	99	353372	101.539	ng	0.00
23) Nitrobenzene-d5	9.480	82	189057	62.741	ng	0.00
42) 2,4,6-Tribromophenol	16.401	330	165165	104.771	ng	0.00
45) 2-Fluorobiphenyl	13.546	172	605769	67.203	ng	0.00
79) Terphenyl-d14	20.232	244	1200411	69.592	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.480	70	23341	11.029	ng	# 75
51) 2,6-Dinitrotoluene	14.921	165	16383	7.652	ng	# 33
57) 2,4-Dinitrotoluene	14.921	165	16383	5.471	ng	# 29
67) 4-Bromophenyl-phenylether	16.395	248	13479	3.259	ng	# 1

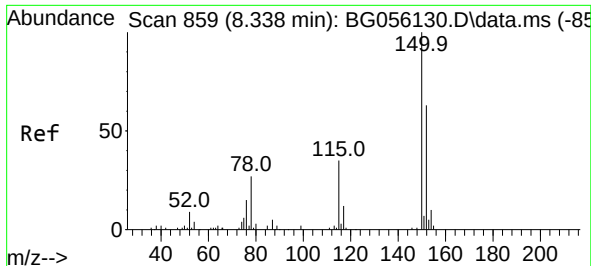
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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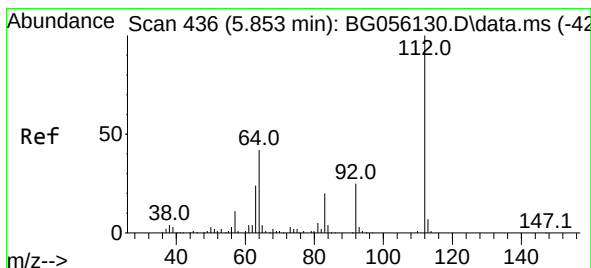
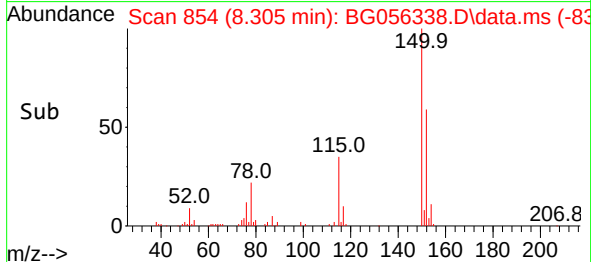
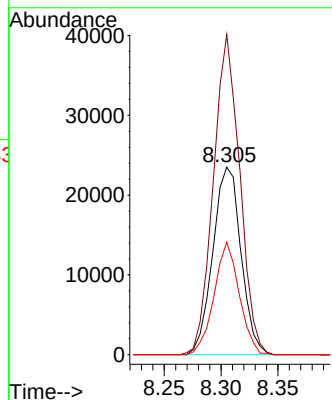
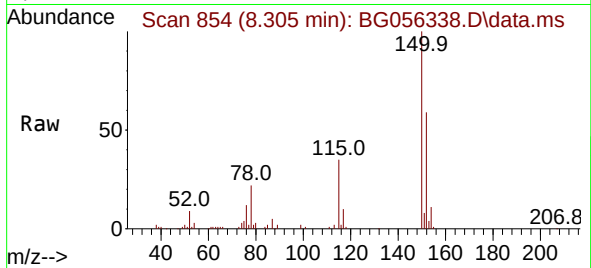




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.305 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG056338.D
Acq: 18 Jan 2023 21:32

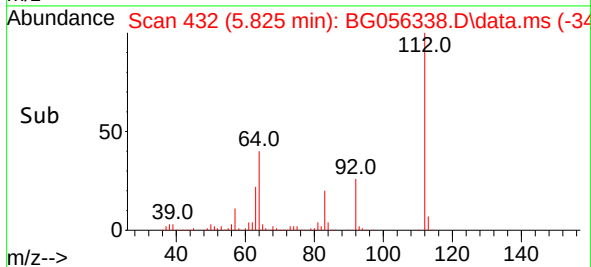
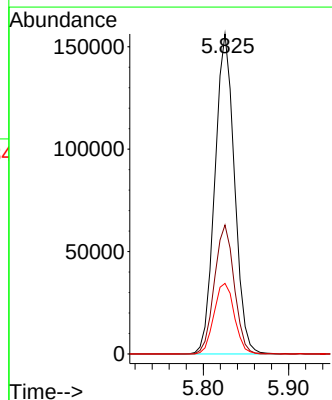
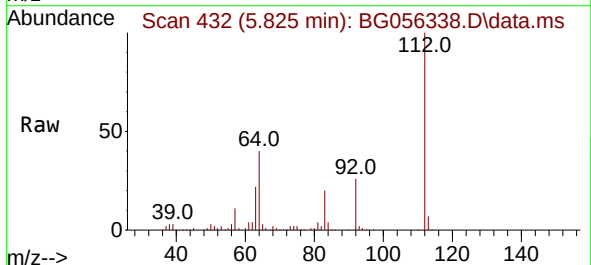
Instrument :
BNA_G
ClientSampleId :
APNB-BOT-1

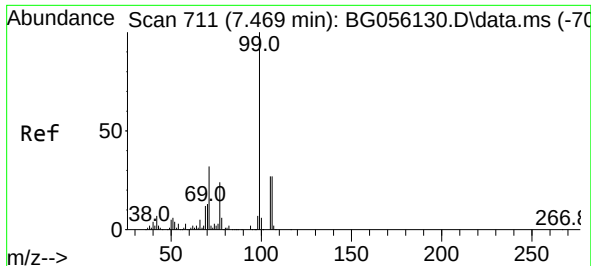
Tgt Ion:152 Resp: 40462
Ion Ratio Lower Upper
152 100
150 170.6 127.9 191.9
115 60.0 44.2 66.2



#5
2-Fluorophenol
Concen: 109.867 ng
RT: 5.825 min Scan# 432
Delta R.T. -0.001 min
Lab File: BG056338.D
Acq: 18 Jan 2023 21:32

Tgt Ion:112 Resp: 248975
Ion Ratio Lower Upper
112 100
64 40.3 33.3 49.9
63 22.1 19.0 28.4

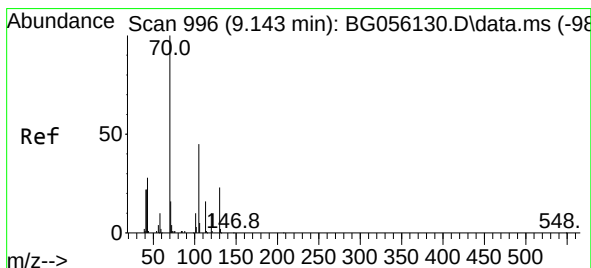
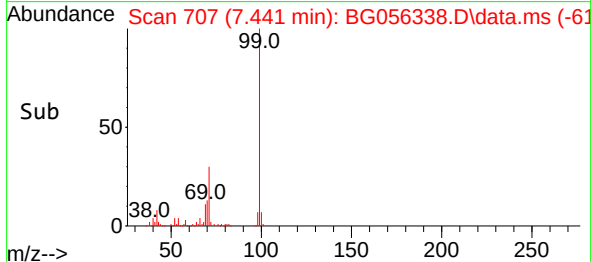
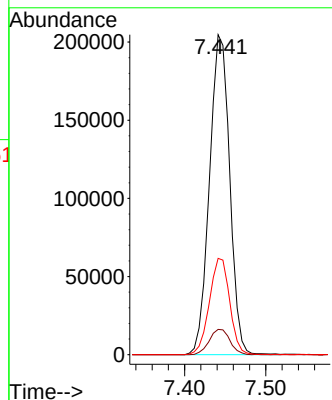
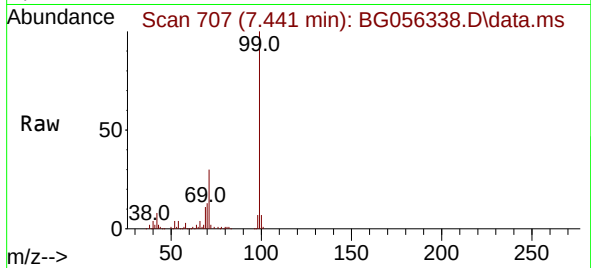




#7
Phenol-d6
Concen: 101.539 ng
RT: 7.441 min Scan# 70
Delta R.T. -0.007 min
Lab File: BG056338.D
Acq: 18 Jan 2023 21:32

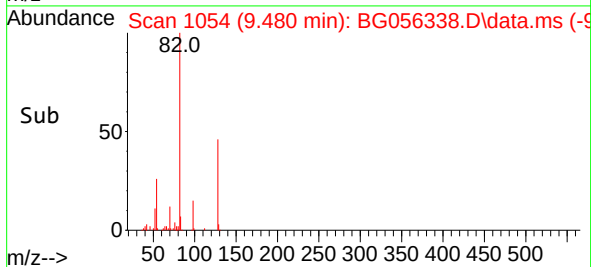
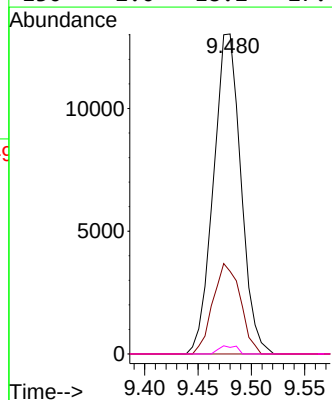
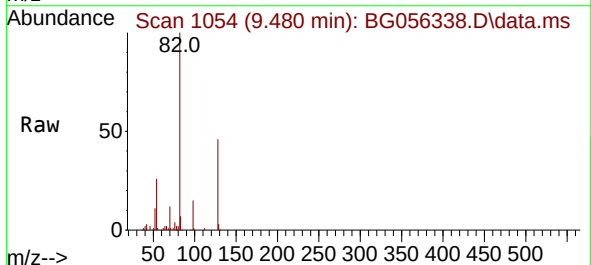
Instrument :
BNA_G
ClientSampleId :
APNB-BOT-1

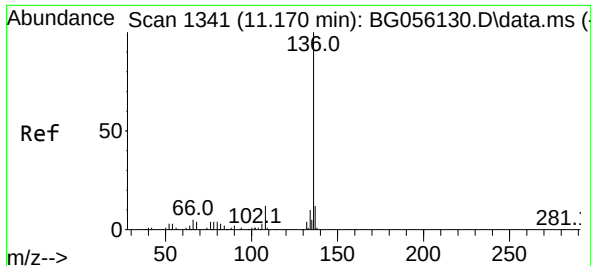
Tgt Ion: 99 Resp: 353372
Ion Ratio Lower Upper
99 100
42 7.9 5.9 8.9
71 30.1 25.4 38.2



#19
n-Nitroso-di-n-propylamine
Concen: 11.029 ng
RT: 9.480 min Scan# 1054
Delta R.T. 0.369 min
Lab File: BG056338.D
Acq: 18 Jan 2023 21:32

Tgt Ion: 70 Resp: 23341
Ion Ratio Lower Upper
70 100
42 25.8 18.2 27.2
101 0.0 8.3 12.5#
130 2.0 18.2 27.4#

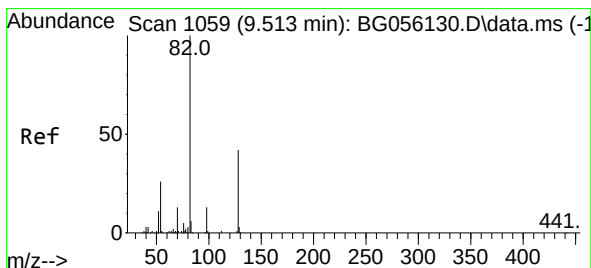
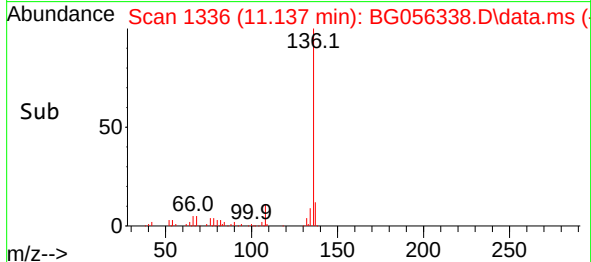
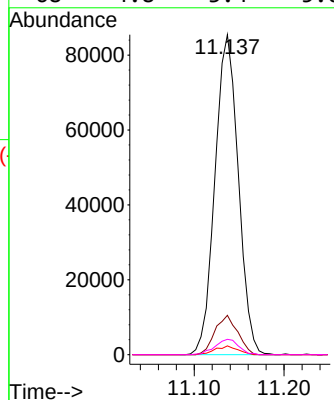
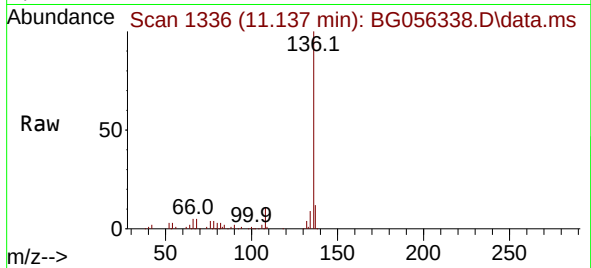




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.137 min Scan# 111
Delta R.T. -0.001 min
Lab File: BG056338.D
Acq: 18 Jan 2023 21:32

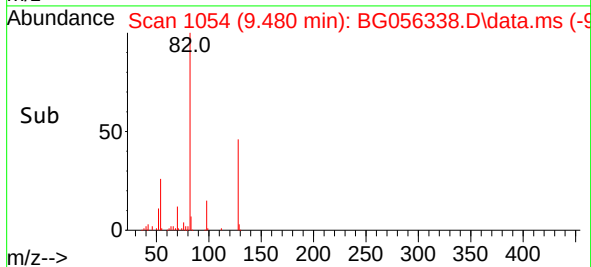
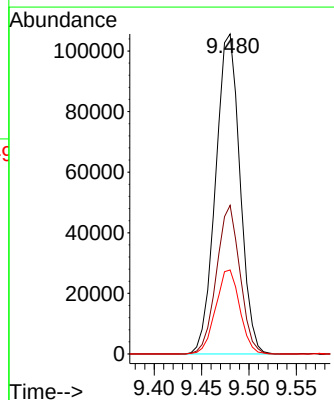
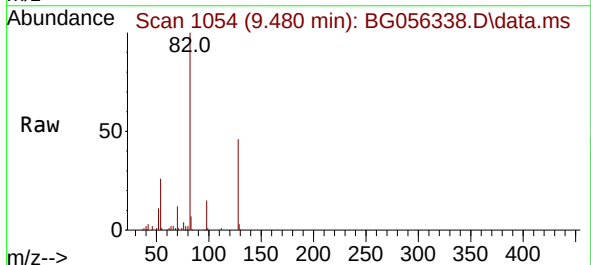
Instrument :
BNA_G
ClientSampleId :
APNB-BOT-1

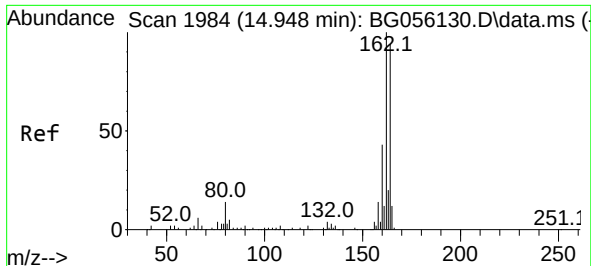
Tgt Ion:136 Resp: 154134
Ion Ratio Lower Upper
136 100
137 12.3 9.4 14.0
54 2.8 2.2 3.2
68 4.8 3.4 5.0



#23
Nitrobenzene-d5
Concen: 62.741 ng
RT: 9.480 min Scan# 1054
Delta R.T. -0.007 min
Lab File: BG056338.D
Acq: 18 Jan 2023 21:32

Tgt Ion: 82 Resp: 189057
Ion Ratio Lower Upper
82 100
128 46.5 33.4 50.2
54 26.3 20.3 30.5

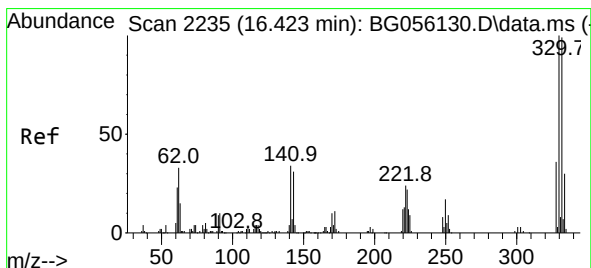
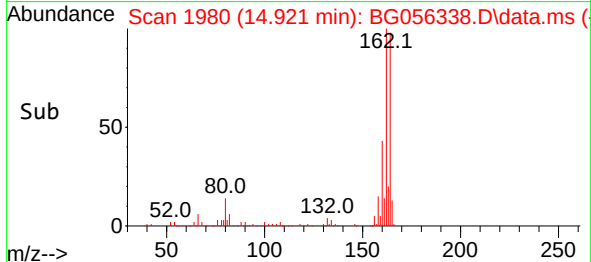
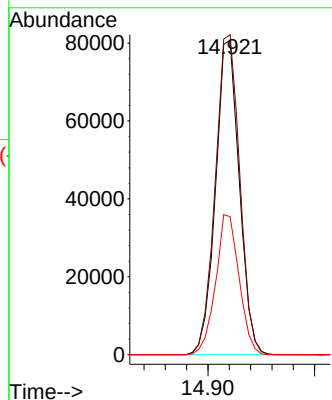
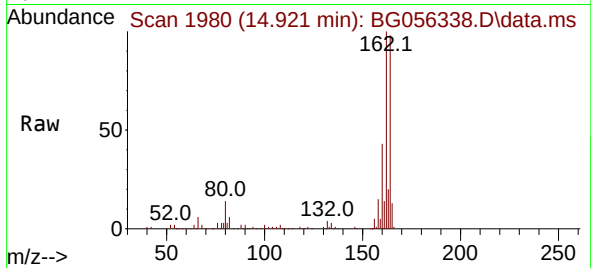




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.921 min Scan# 1984
Delta R.T. -0.001 min
Lab File: BG056338.D
Acq: 18 Jan 2023 21:32

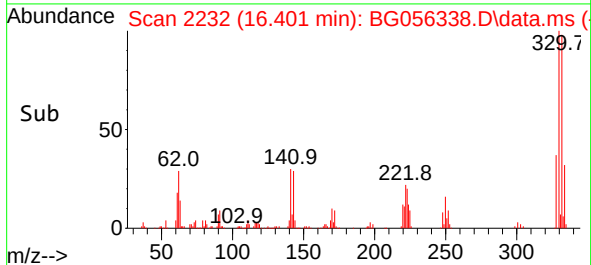
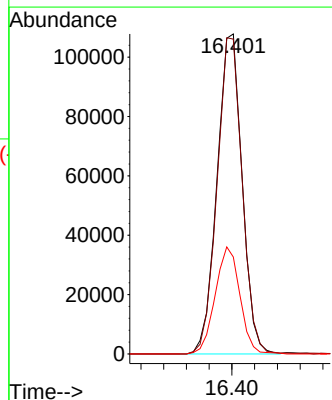
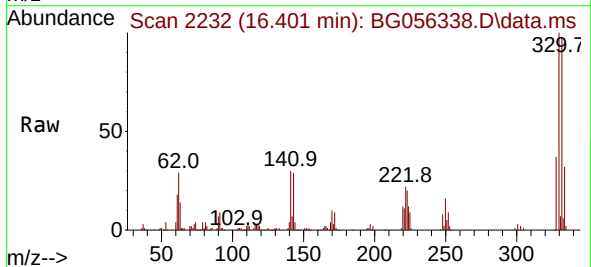
Instrument :
BNA_G
ClientSampleId :
APNB-BOT-1

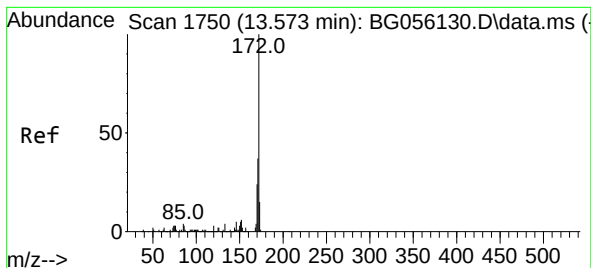
Tgt Ion:164 Resp: 124474
Ion Ratio Lower Upper
164 100
162 101.8 84.7 127.1
160 43.9 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 104.771 ng
RT: 16.401 min Scan# 2232
Delta R.T. -0.001 min
Lab File: BG056338.D
Acq: 18 Jan 2023 21:32

Tgt Ion:330 Resp: 165165
Ion Ratio Lower Upper
330 100
332 98.6 77.3 115.9
141 32.9 27.9 41.9





#45

2-Fluorobiphenyl

Concen: 67.203 ng

RT: 13.546 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG056338.D

Acq: 18 Jan 2023 21:32

Instrument :

BNA_G

ClientSampleId :

APNB-BOT-1

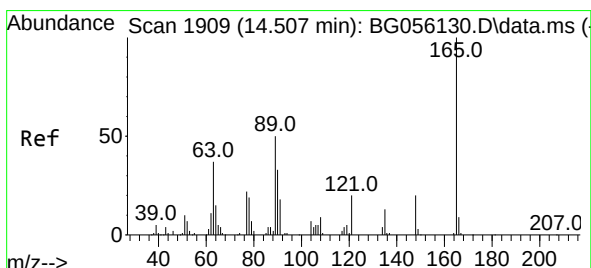
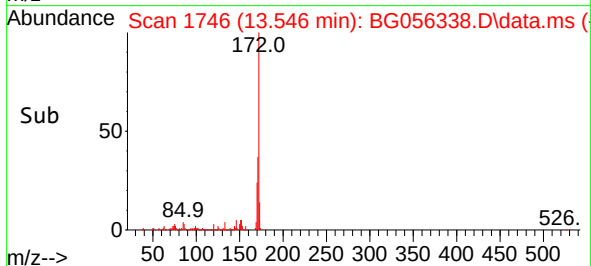
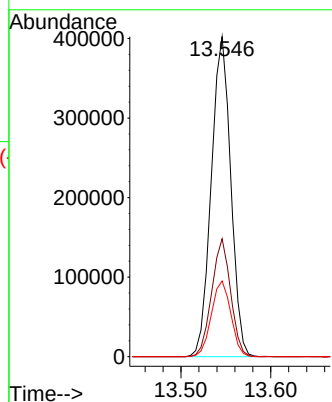
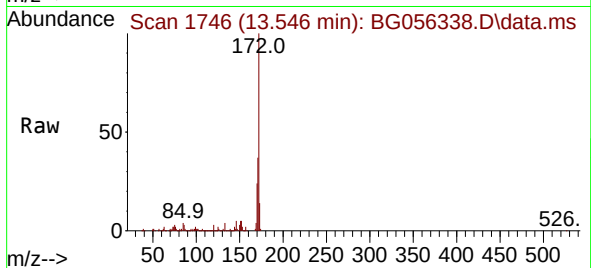
Tgt Ion:172 Resp: 605769

Ion Ratio Lower Upper

172 100

171 36.8 29.6 44.4

170 23.7 19.4 29.2



#51

2,6-Dinitrotoluene

Concen: 7.652 ng

RT: 14.921 min Scan# 1980

Delta R.T. 0.434 min

Lab File: BG056338.D

Acq: 18 Jan 2023 21:32

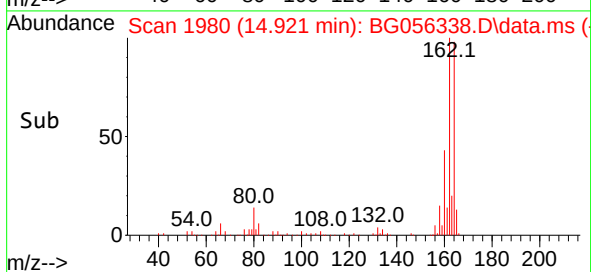
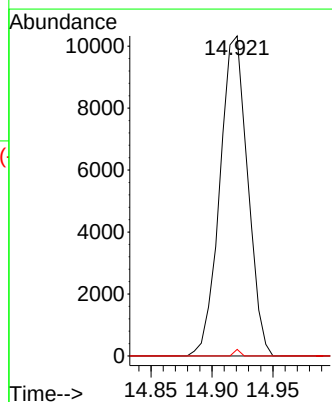
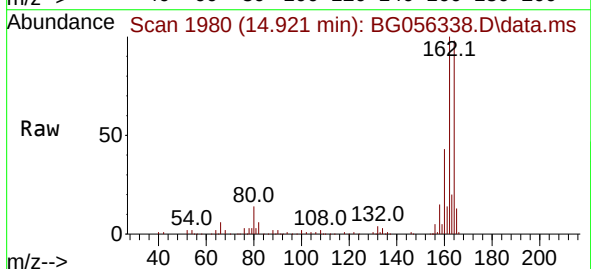
Tgt Ion:165 Resp: 16383

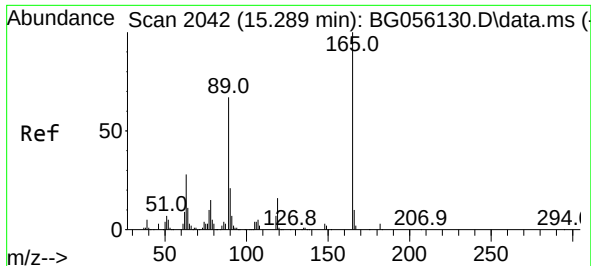
Ion Ratio Lower Upper

165 100

63 0.0 32.2 48.2#

89 2.1 39.8 59.8#

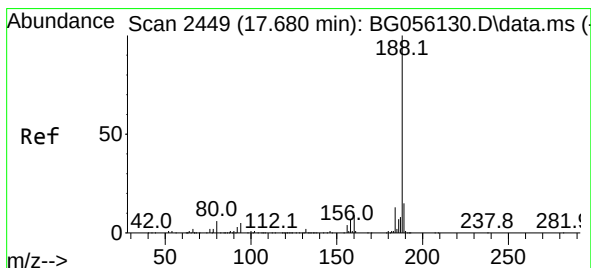
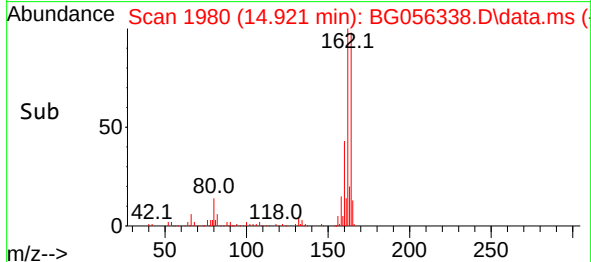
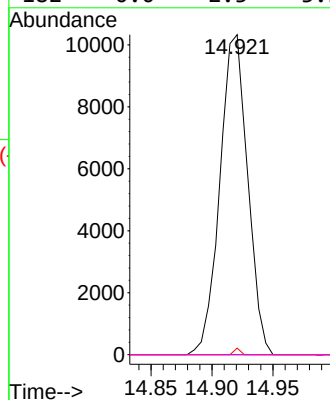
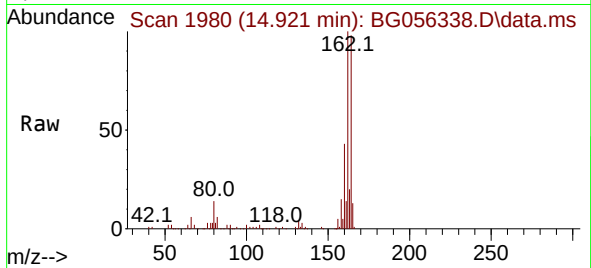




#57
2,4-Dinitrotoluene
Concen: 5.471 ng
RT: 14.921 min Scan# 1980
Delta R.T. -0.354 min
Lab File: BG056338.D
Acq: 18 Jan 2023 21:32

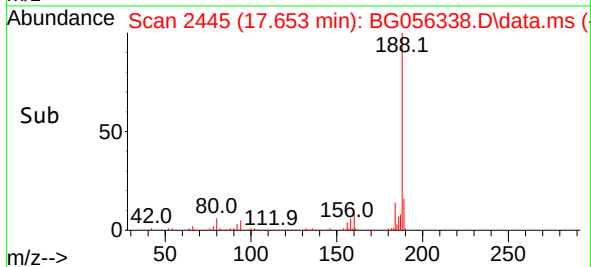
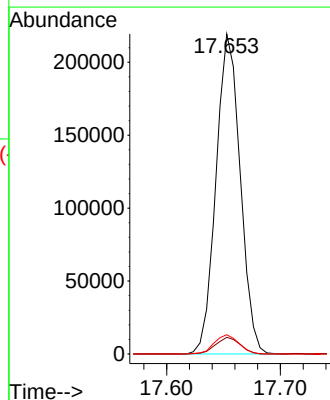
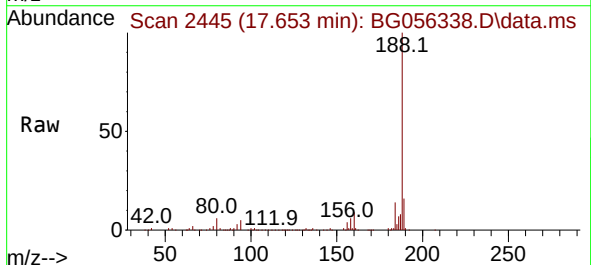
Instrument :
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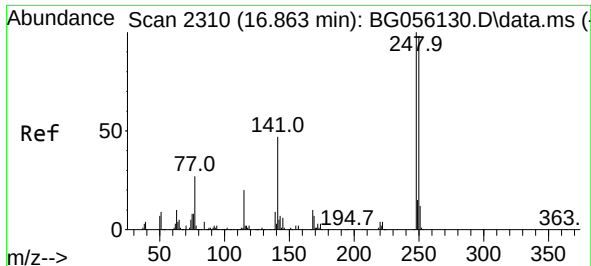
Tgt Ion:165 Resp: 16383
Ion Ratio Lower Upper
165 100
63 0.0 22.6 34.0#
89 2.1 53.2 79.8#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.653 min Scan# 2445
Delta R.T. -0.007 min
Lab File: BG056338.D
Acq: 18 Jan 2023 21:32

Tgt Ion:188 Resp: 324751
Ion Ratio Lower Upper
188 100
94 5.2 4.2 6.2
80 6.0 5.0 7.4

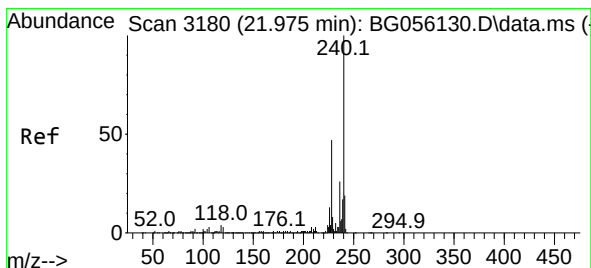
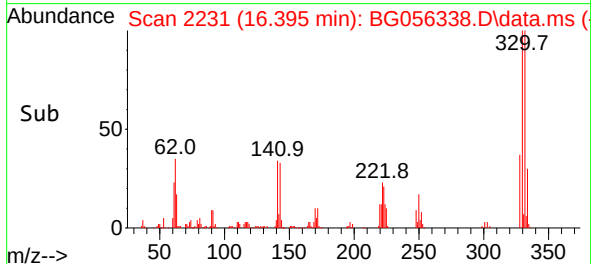
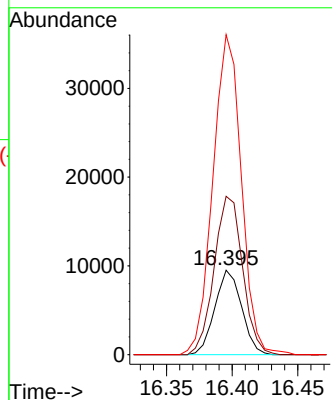
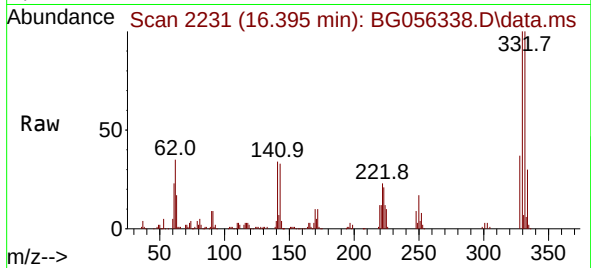




#67
4-Bromophenyl-phenylether
Concen: 3.259 ng
RT: 16.395 min Scan# 21
Delta R.T. -0.442 min
Lab File: BG056338.D
Acq: 18 Jan 2023 21:32

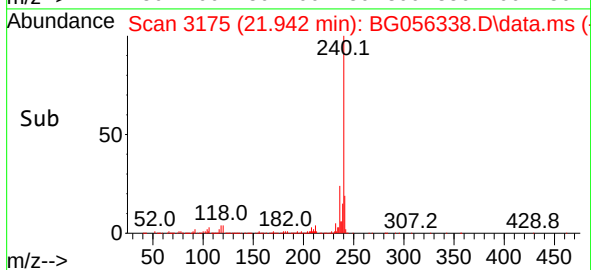
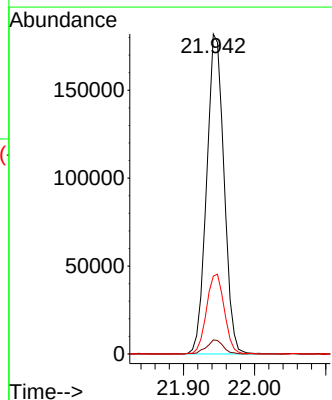
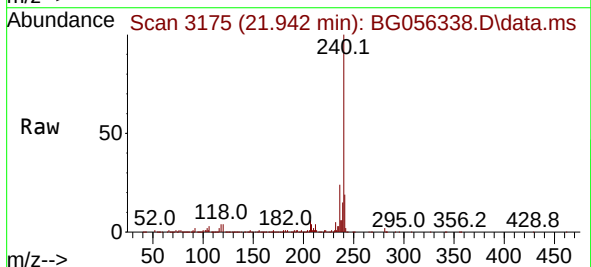
Instrument :
BNA_G
ClientSampleId :
APNB-BOT-1

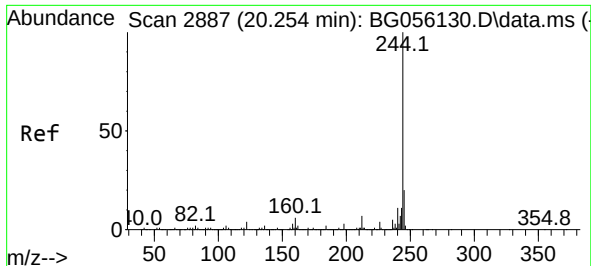
Tgt Ion:248 Resp: 13479
Ion Ratio Lower Upper
248 100
250 187.6 78.2 117.4#
141 378.9 37.6 56.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.942 min Scan# 3175
Delta R.T. -0.013 min
Lab File: BG056338.D
Acq: 18 Jan 2023 21:32

Tgt Ion:240 Resp: 308941
Ion Ratio Lower Upper
240 100
120 4.4 2.6 4.0#
236 24.3 20.8 31.2

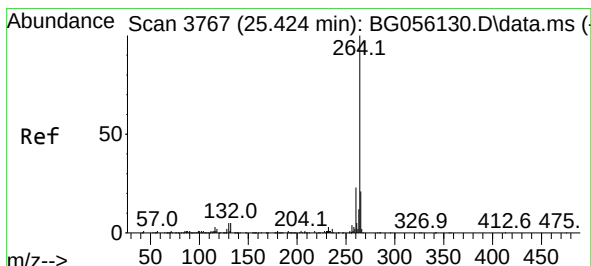
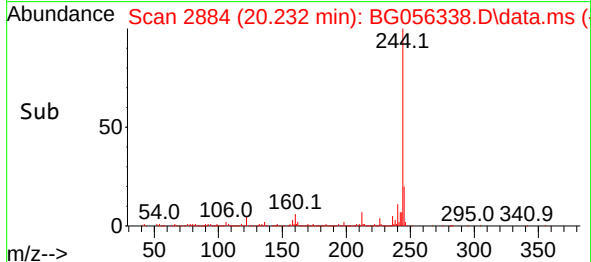
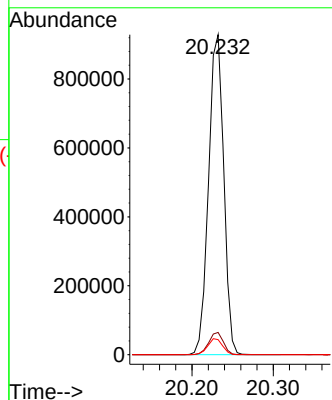
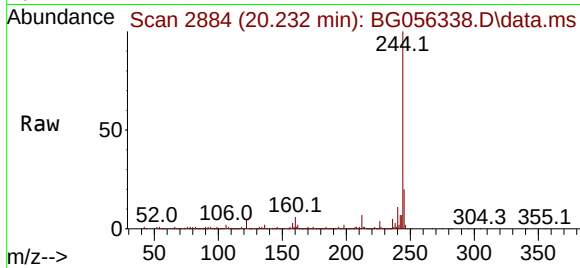




#79
 Terphenyl-d14
 Concen: 69.592 ng
 RT: 20.232 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG056338.D
 Acq: 18 Jan 2023 21:32

Instrument :
 BNA_G
 ClientSampleId :
 APNB-BOT-1

Tgt Ion:244 Resp: 1200411
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 4.7 3.5 5.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.379 min Scan# 3760
 Delta R.T. -0.013 min
 Lab File: BG056338.D
 Acq: 18 Jan 2023 21:32

Tgt Ion:264 Resp: 329775
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.6 28.0
 265 23.2 16.7 25.1

