

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011823\
 Data File : BG056342.D
 Acq On : 19 Jan 2023 00:16
 Operator : CG/JU
 Sample : 01184-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 APNB-EAST

Quant Time: Jan 19 03:46:57 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)

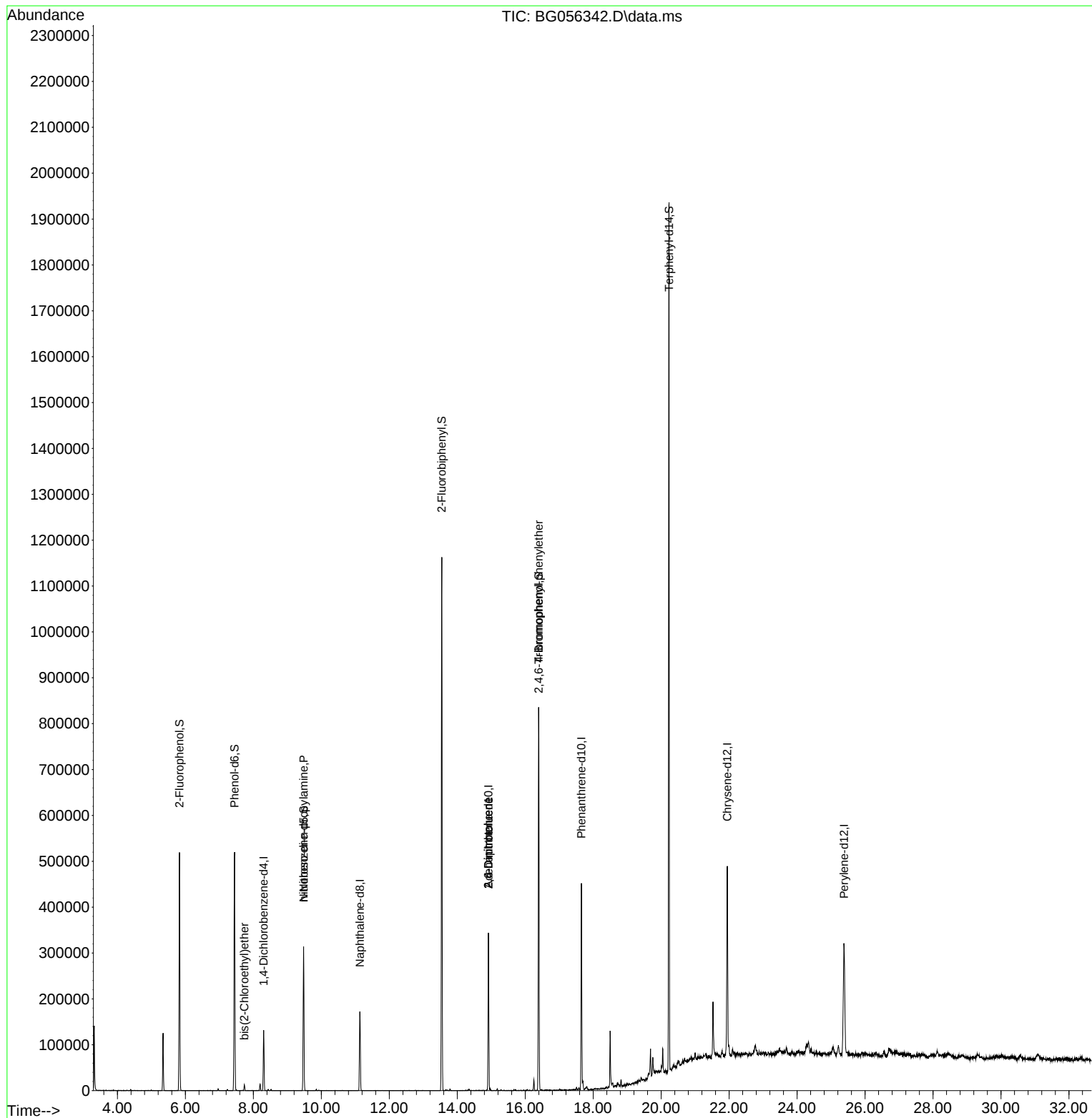
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.306	152	43604	20.000	ng	0.00
21) Naphthalene-d8	11.138	136	167975	20.000	ng	0.00
39) Acenaphthene-d10	14.915	164	129461	20.000	ng	0.00
64) Phenanthrene-d10	17.653	188	305935	20.000	ng	0.00
76) Chrysene-d12	21.948	240	277225	20.000	ng	0.00
86) Perylene-d12	25.380	264	301103	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.826	112	285466	116.893	ng	0.00
7) Phenol-d6	7.448	99	401989	107.186	ng	0.00
23) Nitrobenzene-d5	9.481	82	221096	67.328	ng	0.00
42) 2,4,6-Tribromophenol	16.402	330	174770	106.593	ng	0.00
45) 2-Fluorobiphenyl	13.546	172	662696	70.687	ng	0.00
79) Terphenyl-d14	20.233	244	1064745	68.789	ng	0.00
Target Compounds						
						Qvalue
11) bis(2-Chloroethyl)ether	7.736	93	6012	2.333	ng	# 32
19) n-Nitroso-di-n-propyla...	9.481	70	27673	12.134	ng	# 73
51) 2,6-Dinitrotoluene	14.915	165	16785	7.537	ng	# 34
57) 2,4-Dinitrotoluene	14.915	165	16785	5.390	ng	# 30
67) 4-Bromophenyl-phenylether	16.396	248	14038	3.603	ng	# 1

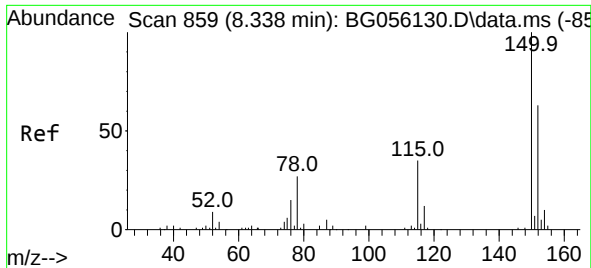
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011823\
Data File : BG056342.D
Acq On : 19 Jan 2023 00:16
Operator : CG/JU
Sample : 01184-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
APNB-EAST

Quant Time: Jan 19 03:46:57 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

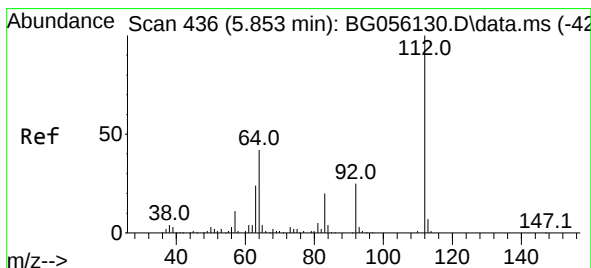
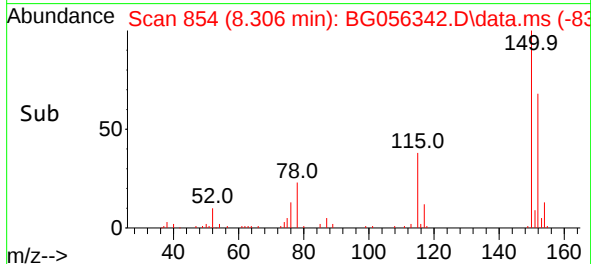
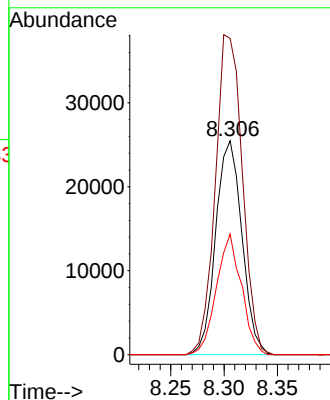
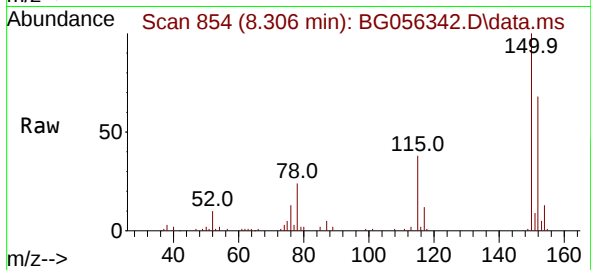




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.306 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG056342.D
Acq: 19 Jan 2023 00:16

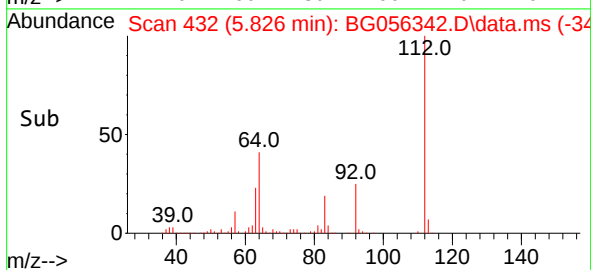
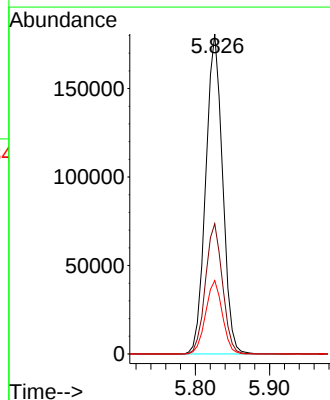
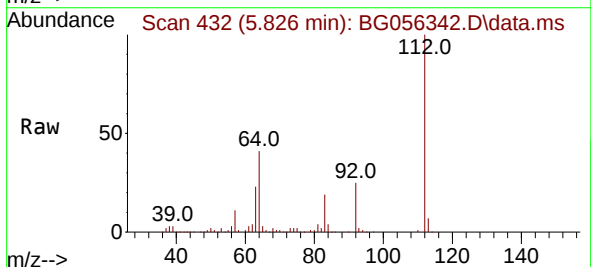
Instrument :
BNA_G
ClientSampleId :
APNB-EAST

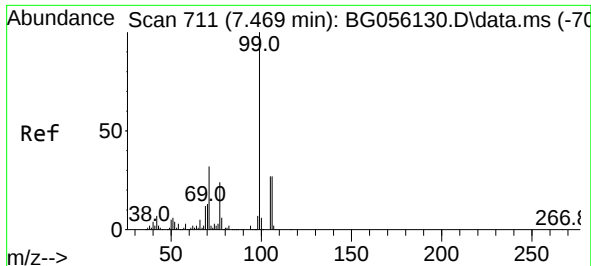
Tgt Ion:152 Resp: 43604
Ion Ratio Lower Upper
152 100
150 147.9 127.9 191.9
115 56.4 44.2 66.2



#5
2-Fluorophenol
Concen: 116.893 ng
RT: 5.826 min Scan# 432
Delta R.T. -0.000 min
Lab File: BG056342.D
Acq: 19 Jan 2023 00:16

Tgt Ion:112 Resp: 285466
Ion Ratio Lower Upper
112 100
64 40.7 33.3 49.9
63 22.9 19.0 28.4

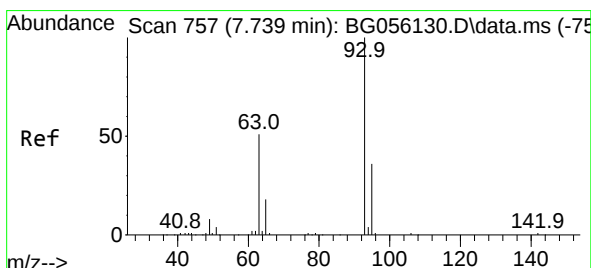
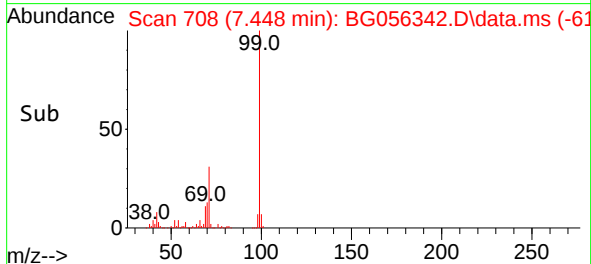
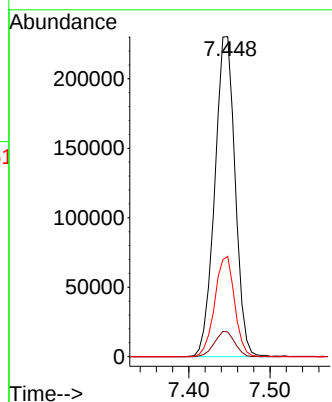
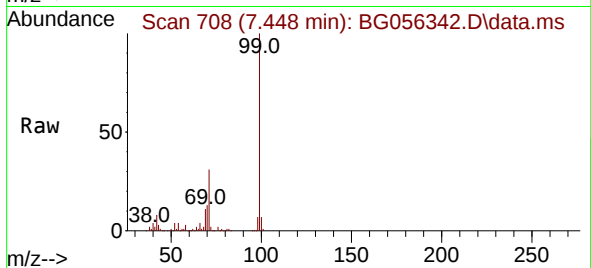




#7
Phenol-d6
Concen: 107.186 ng
RT: 7.448 min Scan# 708
Delta R.T. -0.000 min
Lab File: BG056342.D
Acq: 19 Jan 2023 00:16

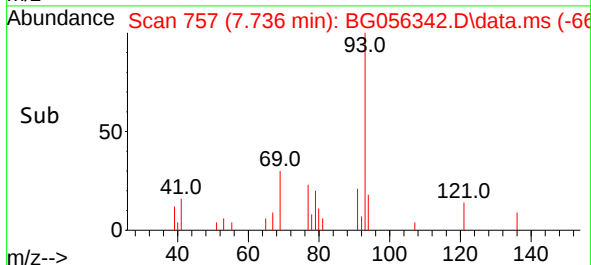
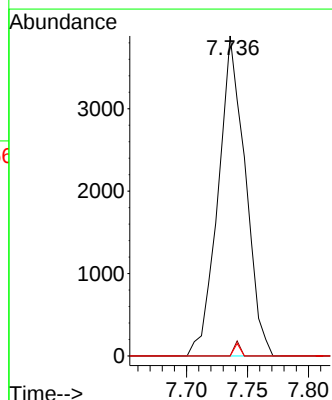
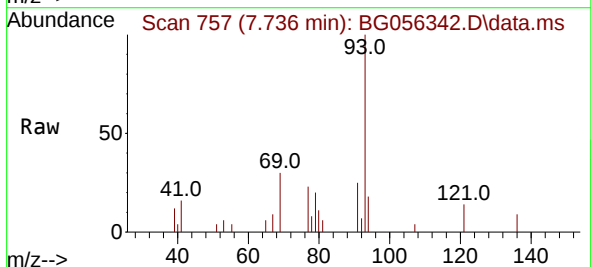
Instrument :
BNA_G
ClientSampleId :
APNB-EAST

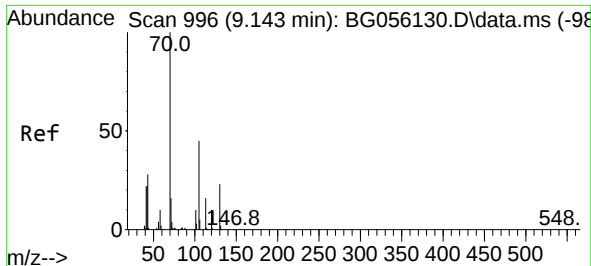
Tgt Ion: 99 Resp: 401989
Ion Ratio Lower Upper
99 100
42 7.8 5.9 8.9
71 31.3 25.4 38.2



#11
bis(2-Chloroethyl)ether
Concen: 2.333 ng
RT: 7.736 min Scan# 757
Delta R.T. 0.023 min
Lab File: BG056342.D
Acq: 19 Jan 2023 00:16

Tgt Ion: 93 Resp: 6012
Ion Ratio Lower Upper
93 100
63 0.0 30.5 70.5#
95 0.0 15.9 55.9#

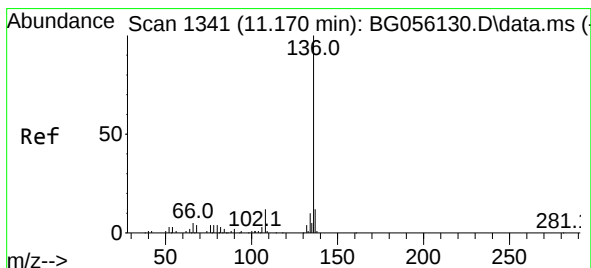
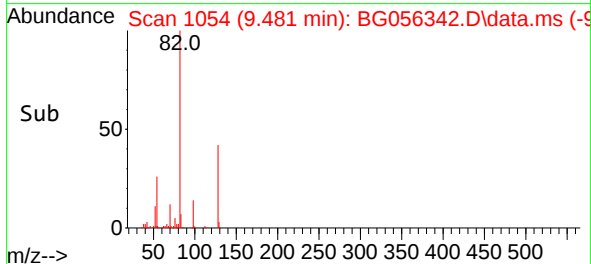
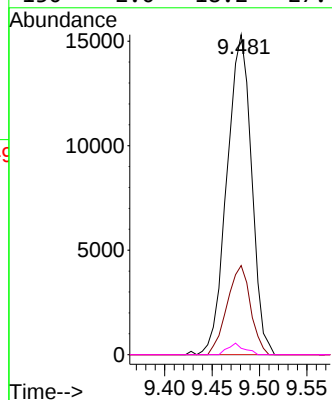
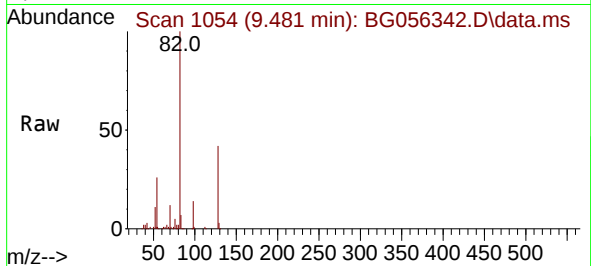




#19
n-Nitroso-di-n-propylamine
Concen: 12.134 ng
RT: 9.481 min Scan# 1054
Delta R.T. 0.370 min
Lab File: BG056342.D
Acq: 19 Jan 2023 00:16

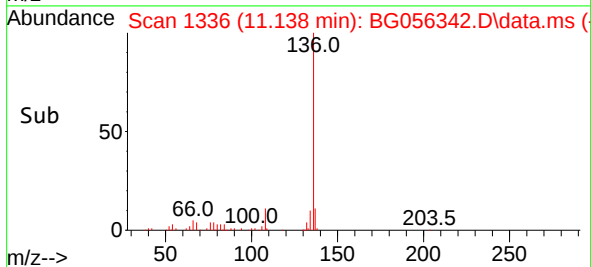
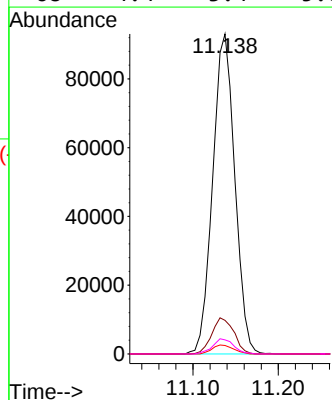
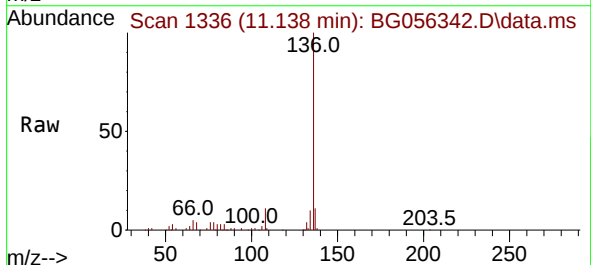
Instrument :
BNA_G
ClientSampleId :
APNB-EAST

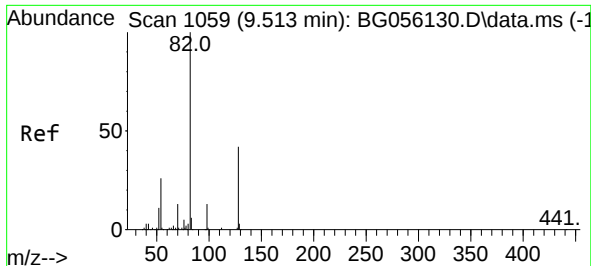
Tgt Ion: 70 Resp: 27673
Ion Ratio Lower Upper
70 100
42 27.8 18.2 27.2#
101 0.0 8.3 12.5#
130 2.0 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.138 min Scan# 1336
Delta R.T. -0.000 min
Lab File: BG056342.D
Acq: 19 Jan 2023 00:16

Tgt Ion: 136 Resp: 167975
Ion Ratio Lower Upper
136 100
137 10.5 9.4 14.0
54 2.6 2.2 3.2
68 4.4 3.4 5.0





#23

Nitrobenzene-d5

Concen: 67.328 ng

RT: 9.481 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG056342.D

Acq: 19 Jan 2023 00:16

Instrument :

BNA_G

ClientSampleId :

APNB-EAST

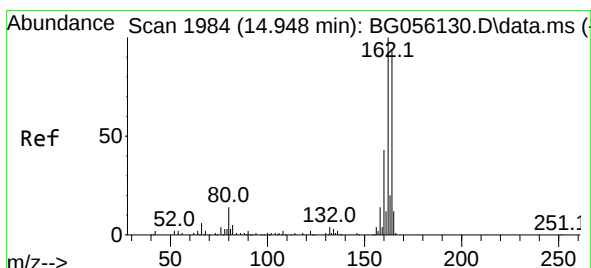
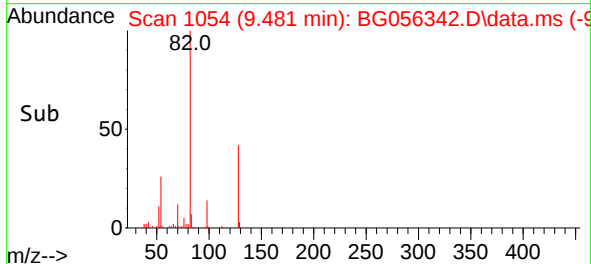
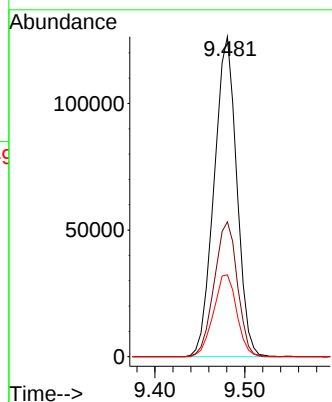
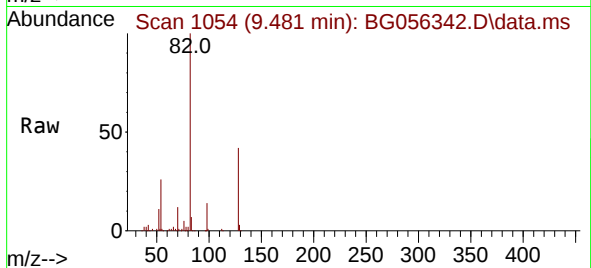
Tgt Ion: 82 Resp: 221096

Ion Ratio Lower Upper

82 100

128 42.2 33.4 50.2

54 25.6 20.3 30.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.915 min Scan# 1979

Delta R.T. -0.006 min

Lab File: BG056342.D

Acq: 19 Jan 2023 00:16

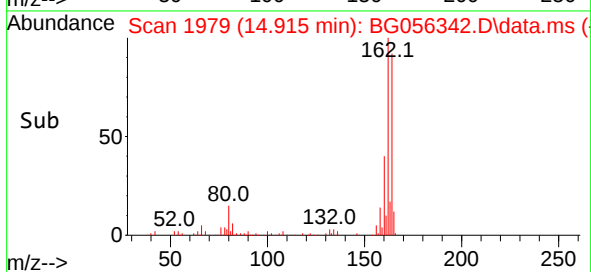
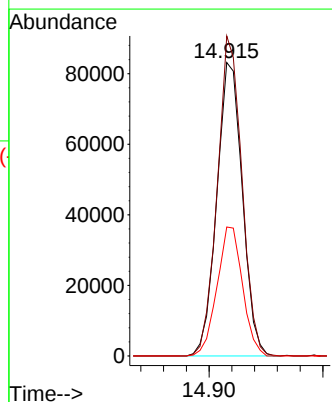
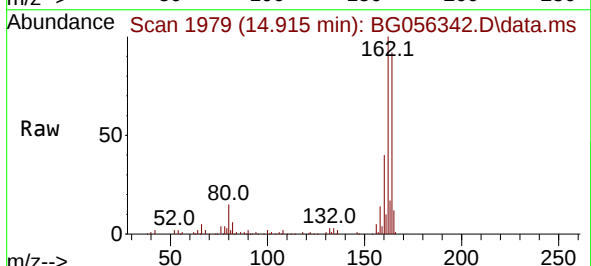
Tgt Ion:164 Resp: 129461

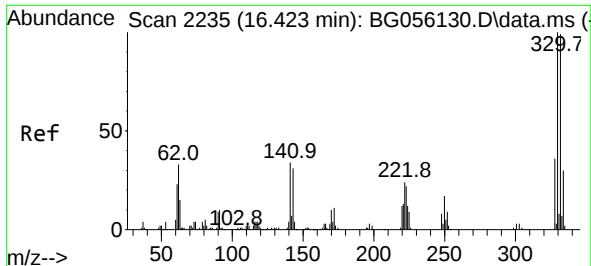
Ion Ratio Lower Upper

164 100

162 109.0 84.7 127.1

160 43.9 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 106.593 ng

RT: 16.402 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG056342.D

Acq: 19 Jan 2023 00:16

Instrument :

BNA_G

ClientSampleId :

APNB-EAST

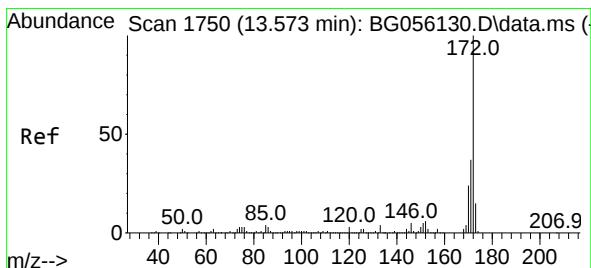
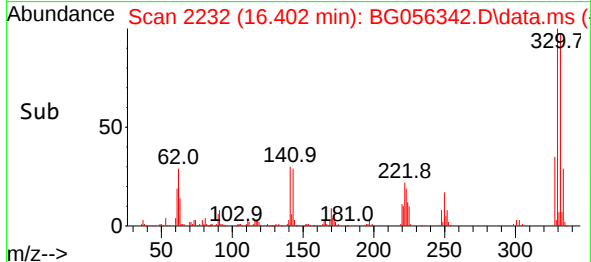
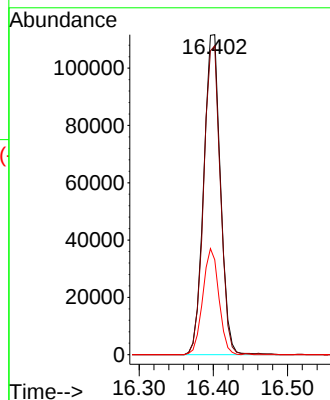
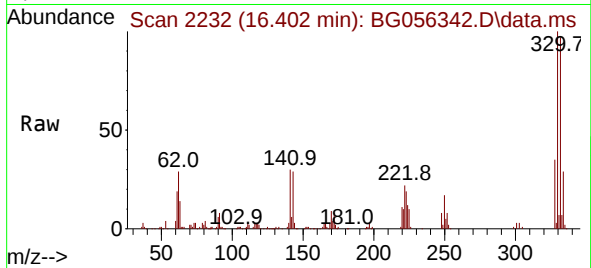
Tgt Ion:330 Resp: 174770

Ion Ratio Lower Upper

330 100

332 96.0 77.3 115.9

141 31.8 27.9 41.9



#45

2-Fluorobiphenyl

Concen: 70.687 ng

RT: 13.546 min Scan# 1746

Delta R.T. -0.000 min

Lab File: BG056342.D

Acq: 19 Jan 2023 00:16

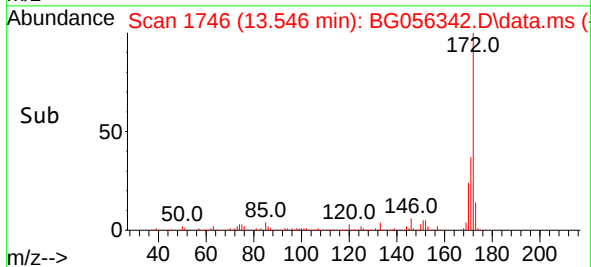
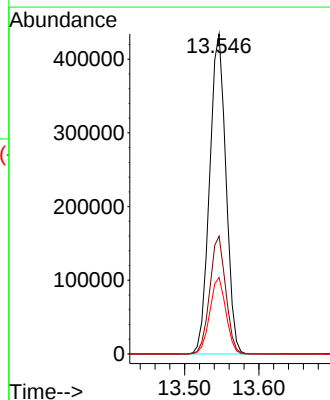
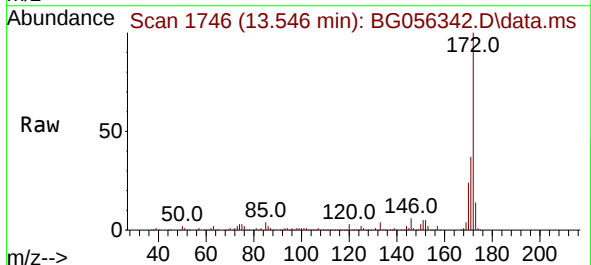
Tgt Ion:172 Resp: 662696

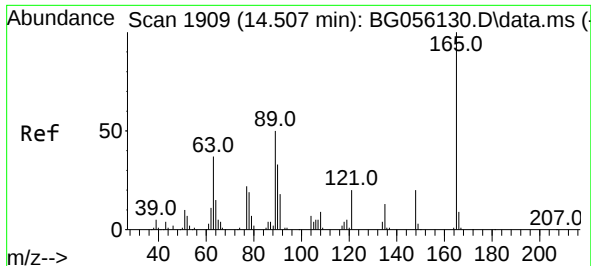
Ion Ratio Lower Upper

172 100

171 36.8 29.6 44.4

170 23.9 19.4 29.2

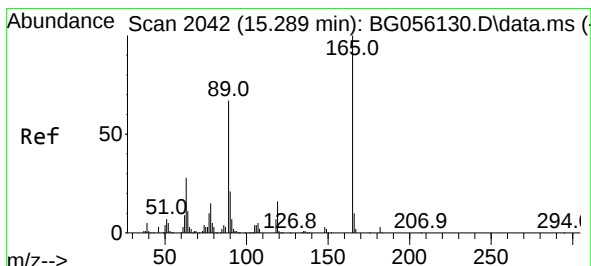
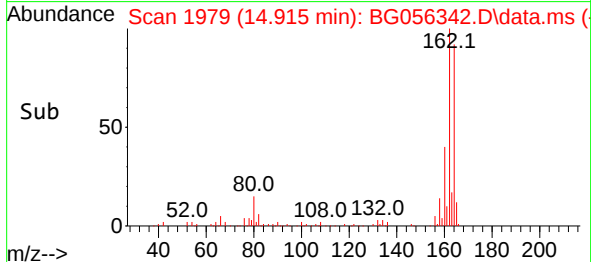
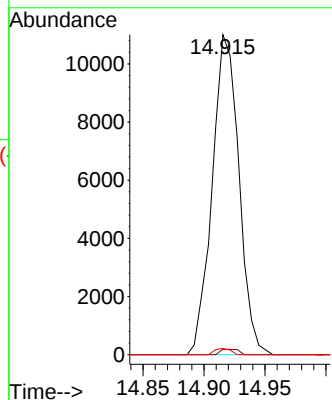
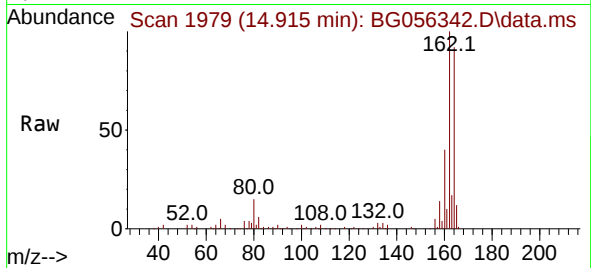




#51
2,6-Dinitrotoluene
Concen: 7.537 ng
RT: 14.915 min Scan# 1979
Delta R.T. 0.429 min
Lab File: BG056342.D
Acq: 19 Jan 2023 00:16

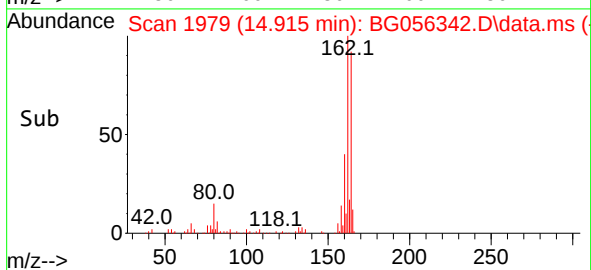
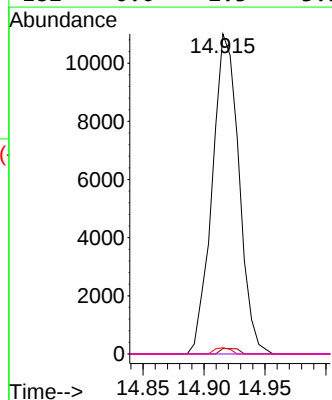
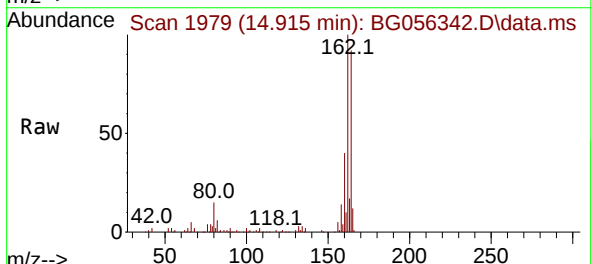
Instrument :
BNA_G
ClientSampleId :
APNB-EAST

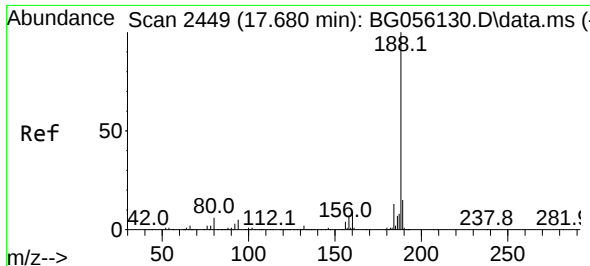
Tgt Ion:165 Resp: 16785
Ion Ratio Lower Upper
165 100
63 1.7 32.2 48.2#
89 2.0 39.8 59.8#



#57
2,4-Dinitrotoluene
Concen: 5.390 ng
RT: 14.915 min Scan# 1979
Delta R.T. -0.359 min
Lab File: BG056342.D
Acq: 19 Jan 2023 00:16

Tgt Ion:165 Resp: 16785
Ion Ratio Lower Upper
165 100
63 1.7 22.6 34.0#
89 2.0 53.2 79.8#
182 0.0 2.3 3.5#

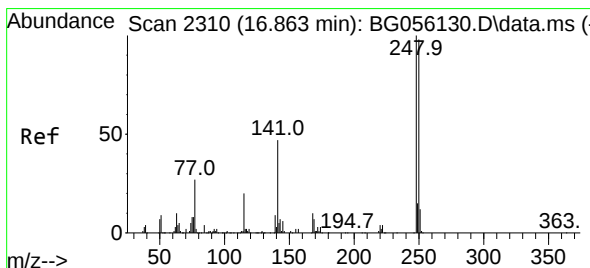
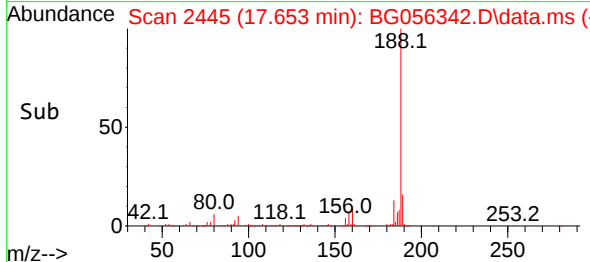
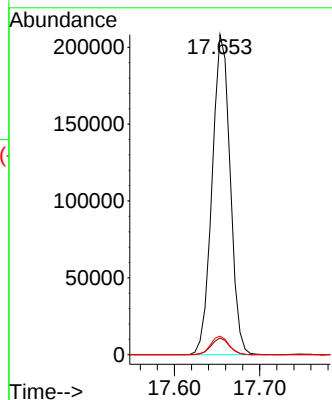
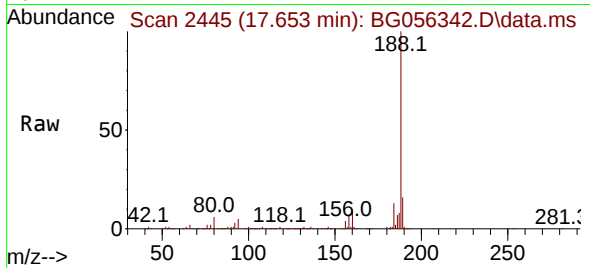




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.653 min Scan# 2445
Delta R.T. -0.006 min
Lab File: BG056342.D
Acq: 19 Jan 2023 00:16

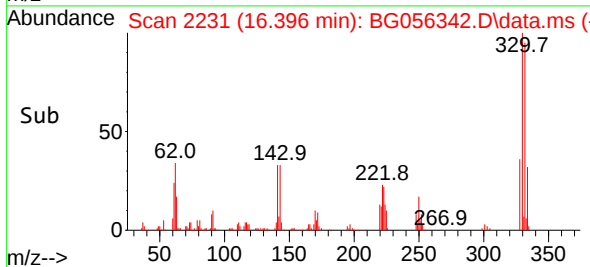
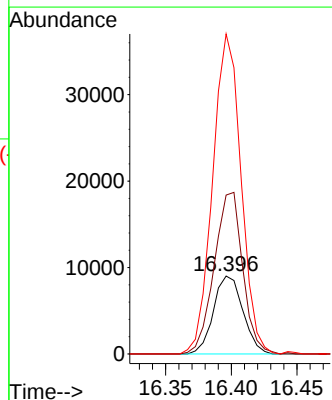
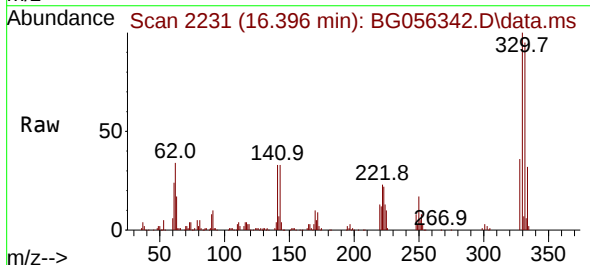
Instrument :
BNA_G
ClientSampleId :
APNB-EAST

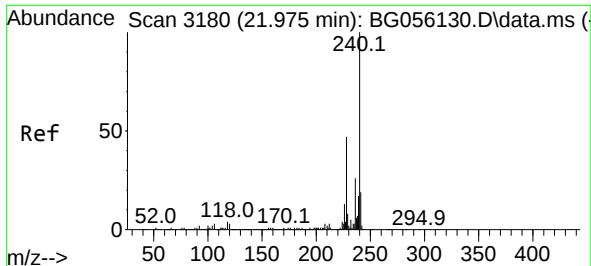
Tgt Ion:188 Resp: 305935
Ion Ratio Lower Upper
188 100
94 5.2 4.2 6.2
80 5.8 5.0 7.4



#67
4-Bromophenyl-phenylether
Concen: 3.603 ng
RT: 16.396 min Scan# 2231
Delta R.T. -0.441 min
Lab File: BG056342.D
Acq: 19 Jan 2023 00:16

Tgt Ion:248 Resp: 14038
Ion Ratio Lower Upper
248 100
250 204.2 78.2 117.4#
141 411.1 37.6 56.4#

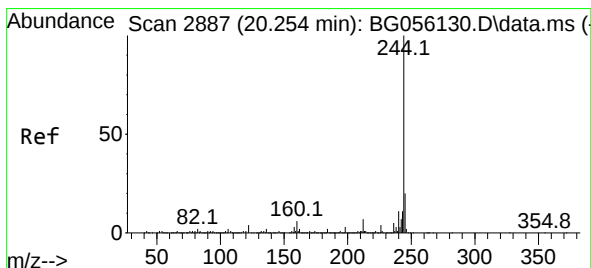
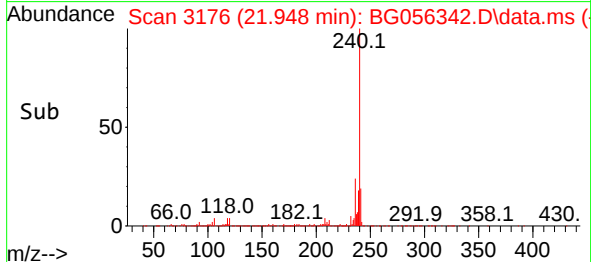
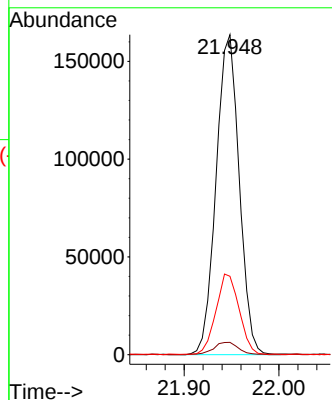
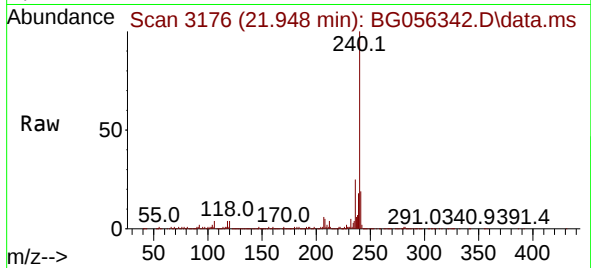




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.948 min Scan# 3180
Delta R.T. -0.006 min
Lab File: BG056342.D
Acq: 19 Jan 2023 00:16

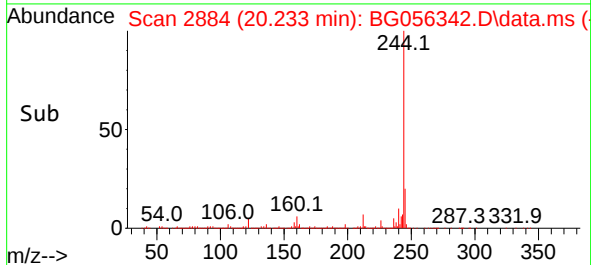
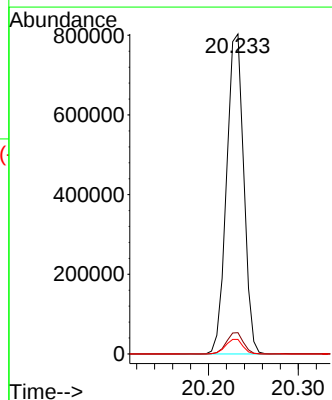
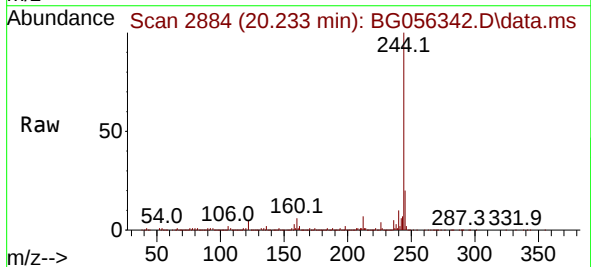
Instrument :
BNA_G
ClientSampleId :
APNB-EAST

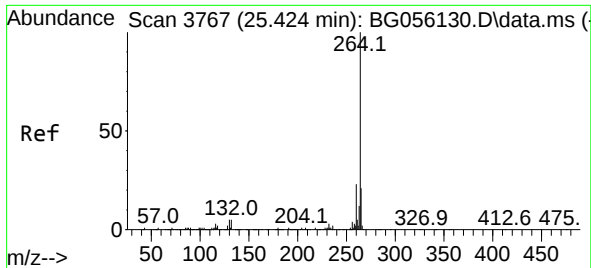
Tgt Ion:240 Resp: 277225
Ion Ratio Lower Upper
240 100
120 3.9 2.6 4.0
236 24.5 20.8 31.2



#79
Terphenyl-d14
Concen: 68.789 ng
RT: 20.233 min Scan# 2884
Delta R.T. -0.000 min
Lab File: BG056342.D
Acq: 19 Jan 2023 00:16

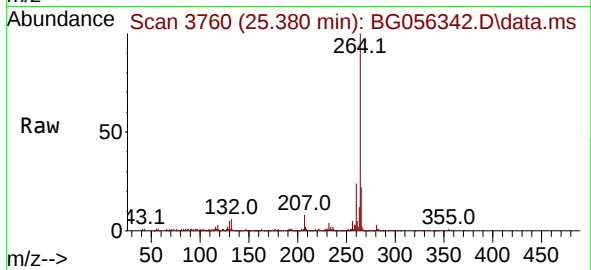
Tgt Ion:244 Resp: 1064745
Ion Ratio Lower Upper
244 100
212 6.7 5.7 8.5
122 4.6 3.5 5.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.380 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: BG056342.D
 Acq: 19 Jan 2023 00:16

Instrument :
 BNA_G
 ClientSampleId :
 APNB-EAST



Tgt Ion:264 Resp: 301103
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.6 28.0
 265 21.6 16.7 25.1

