

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040423\
 Data File : BG056968.D
 Acq On : 4 Apr 2023 16:42
 Operator : CG/JU
 Sample : PB151693BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB151693BL

Quant Time: Apr 05 04:08:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 03:23:11 2023
 Response via : Initial Calibration

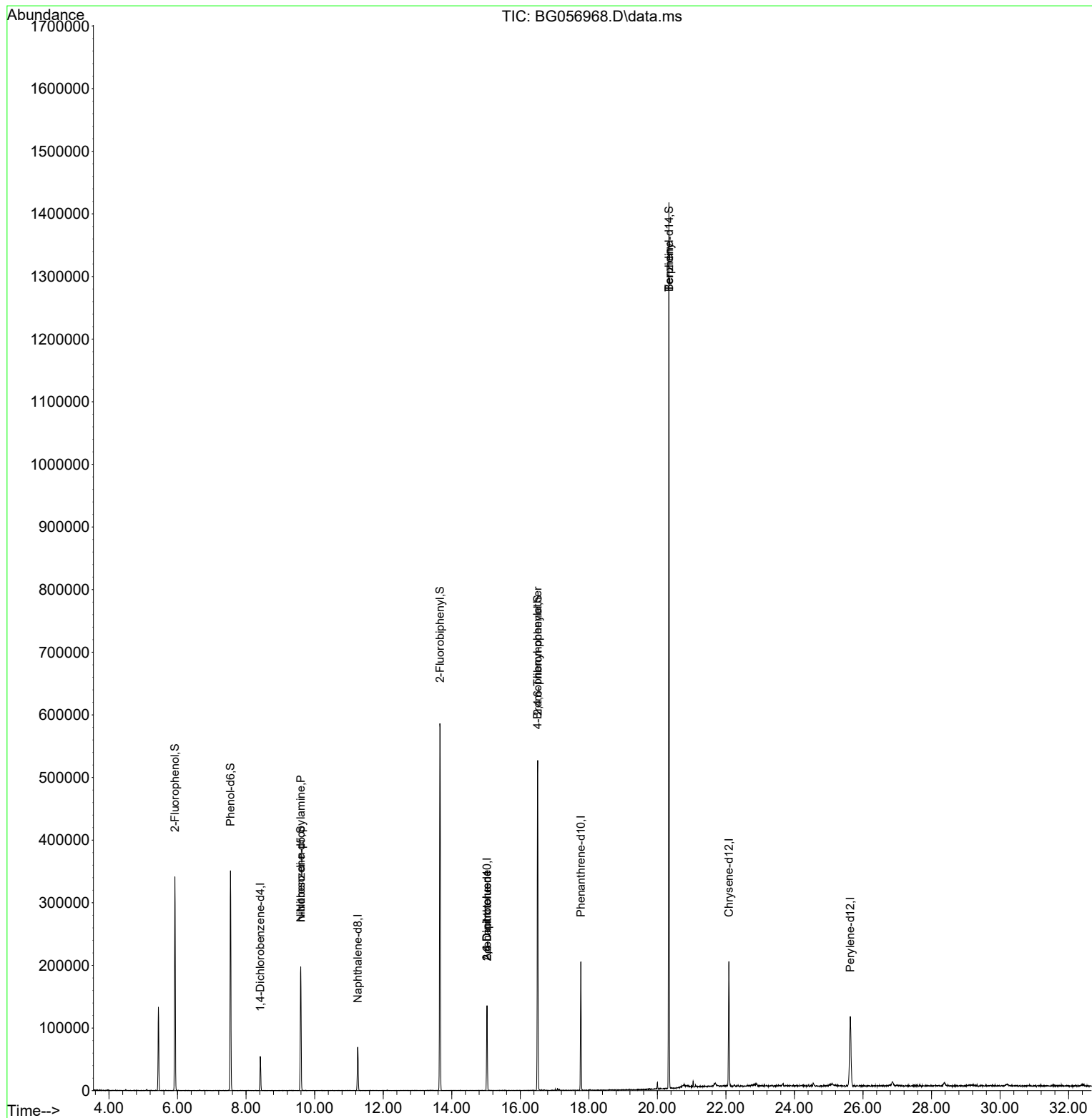
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.414	152	14426	20.000	ng	0.00
21) Naphthalene-d8	11.257	136	59146	20.000	ng	# 0.00
39) Acenaphthene-d10	15.029	164	47980	20.000	ng	0.00
64) Phenanthrene-d10	17.766	188	128721	20.000	ng	# 0.00
76) Chrysene-d12	22.090	240	130129	20.000	ng	0.00
86) Perylene-d12	25.632	264	135101	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.923	112	133578	148.194	ng	0.00
7) Phenol-d6	7.545	99	188942	140.153	ng	0.00
23) Nitrobenzene-d5	9.595	82	123191	85.224	ng	0.00
42) 2,4,6-Tribromophenol	16.509	330	106954	139.536	ng	0.00
45) 2-Fluorobiphenyl	13.660	172	301040	85.080	ng	0.00
79) Terphenyl-d14	20.339	244	692581	90.061	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.595	70	17711	18.367	ng	# 73
51) 2,6-Dinitrotoluene	15.029	165	6367	7.795	ng	# 18
57) 2,4-Dinitrotoluene	15.029	165	6367	5.527	ng	# 18
67) 4-Bromophenyl-phenylether	16.503	248	6771	4.251	ng	# 1
77) Benzidine	20.339	184	11474	3.226	ng	# 87

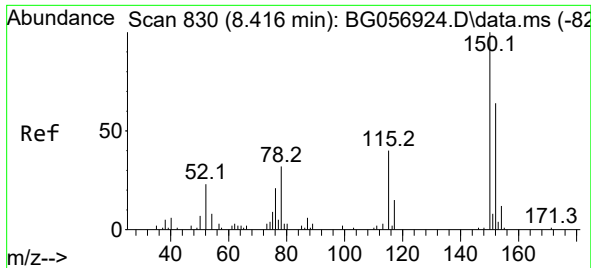
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 05 04:08:31 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 03:23:11 2023
Response via : Initial Calibration

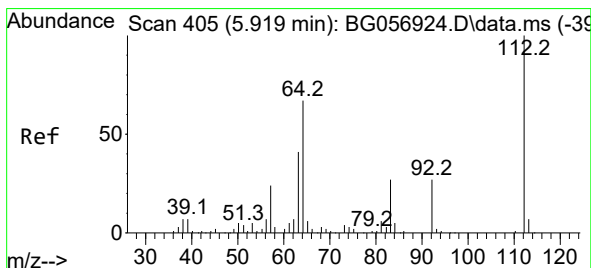
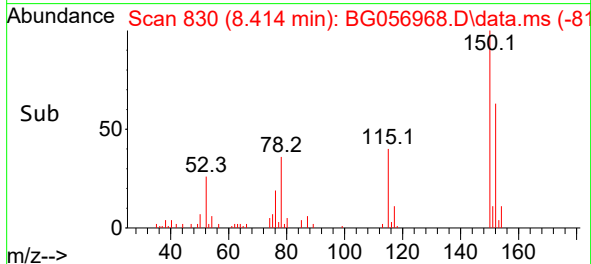
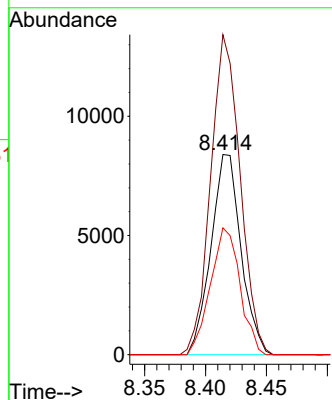
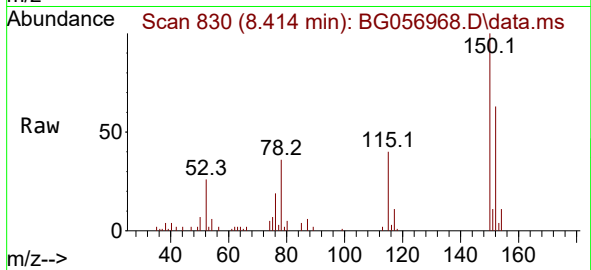




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.414 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG056968.D
Acq: 4 Apr 2023 16:42

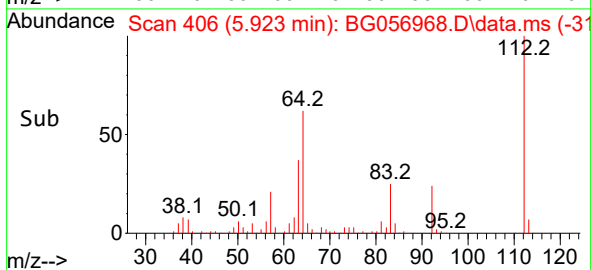
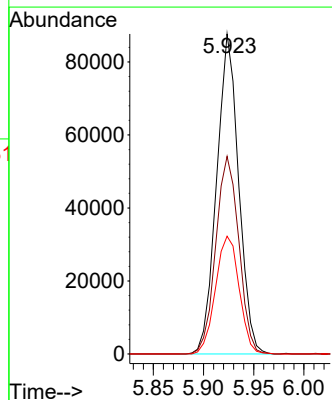
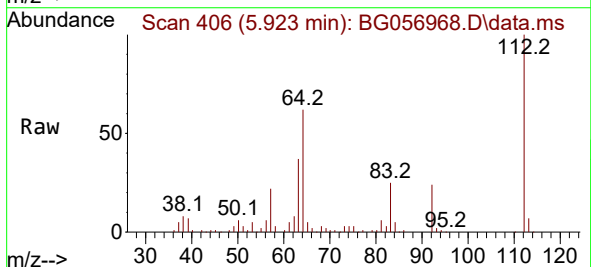
Instrument :
BNA_G
ClientSampleId :
PB151693BL

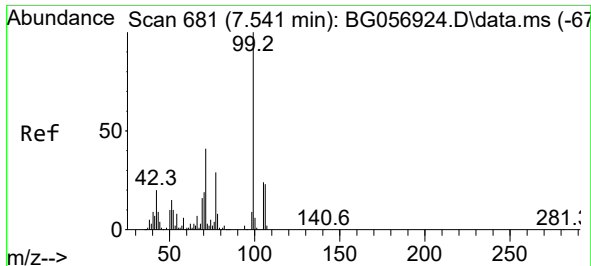
Tgt Ion:152 Resp: 14426
Ion Ratio Lower Upper
152 100
150 159.9 124.1 186.1
115 63.4 49.1 73.7



#5
2-Fluorophenol
Concen: 148.194 ng
RT: 5.923 min Scan# 406
Delta R.T. 0.004 min
Lab File: BG056968.D
Acq: 4 Apr 2023 16:42

Tgt Ion:112 Resp: 133578
Ion Ratio Lower Upper
112 100
64 61.8 53.2 79.8
63 36.8 32.6 48.8

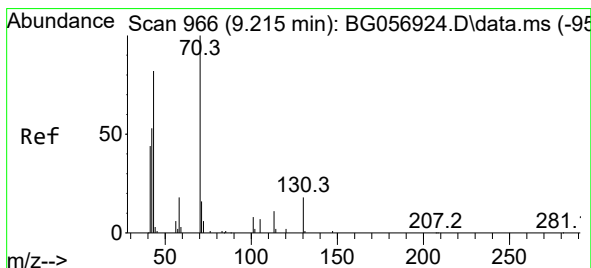
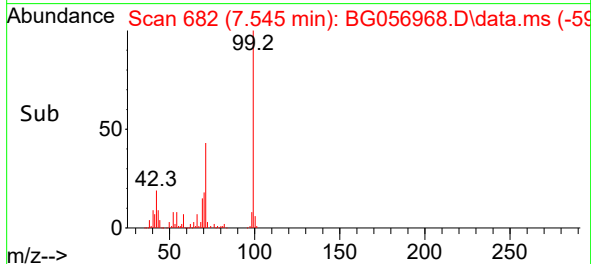
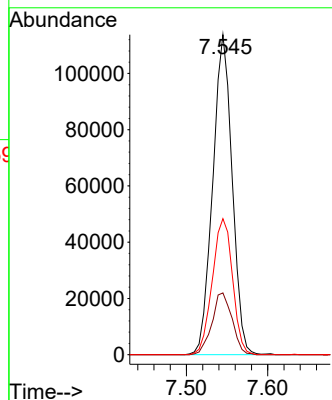
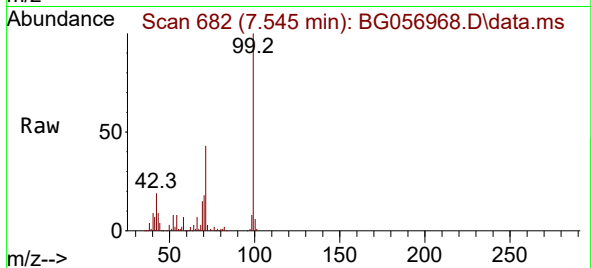




#7
Phenol-d6
Concen: 140.153 ng
RT: 7.545 min Scan# 61
Delta R.T. 0.004 min
Lab File: BG056968.D
Acq: 4 Apr 2023 16:42

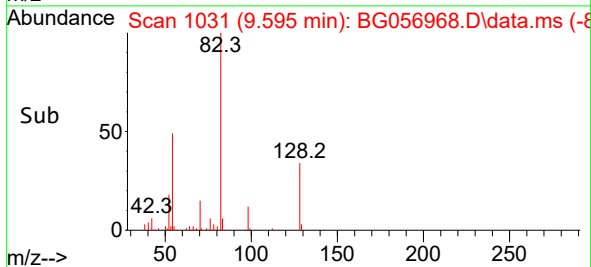
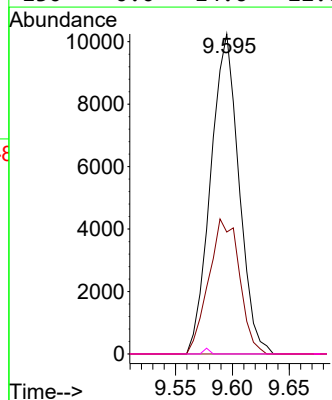
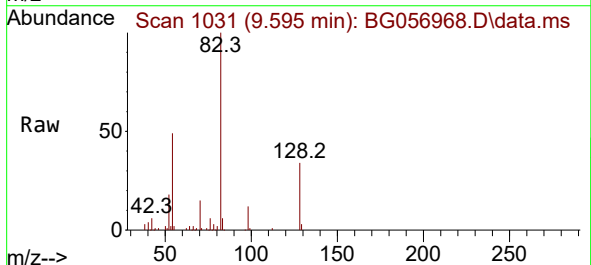
Instrument :
BNA_G
ClientSampleId :
PB151693BL

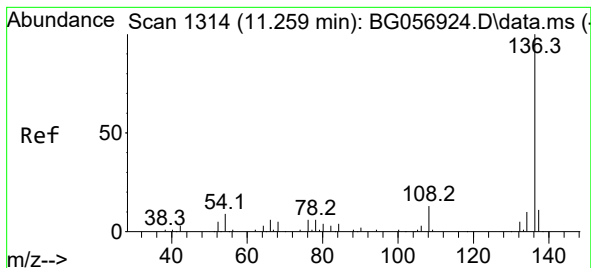
Tgt Ion: 99 Resp: 188942
Ion Ratio Lower Upper
99 100
42 19.3 15.7 23.5
71 42.5 32.5 48.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.367 ng
RT: 9.595 min Scan# 1031
Delta R.T. 0.380 min
Lab File: BG056968.D
Acq: 4 Apr 2023 16:42

Tgt Ion: 70 Resp: 17711
Ion Ratio Lower Upper
70 100
42 38.1 43.4 65.0#
101 0.0 6.2 9.2#
130 0.0 14.6 22.0#

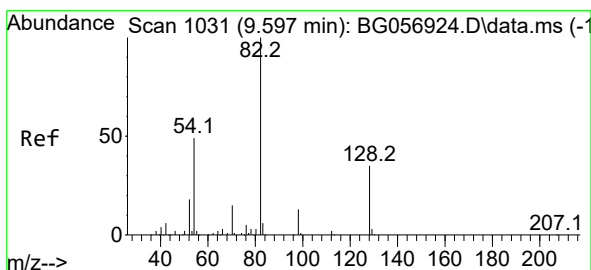
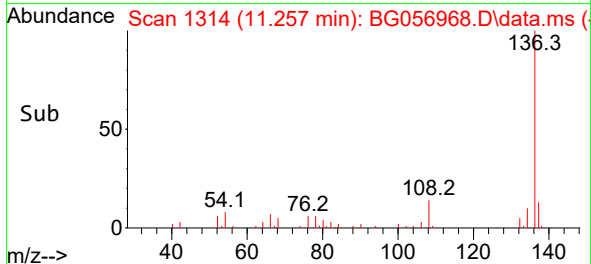
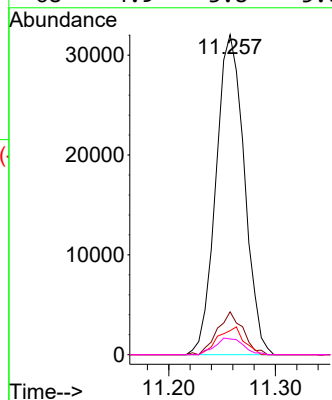
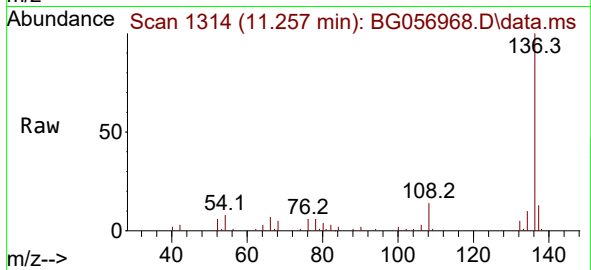




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.257 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG056968.D
Acq: 4 Apr 2023 16:42

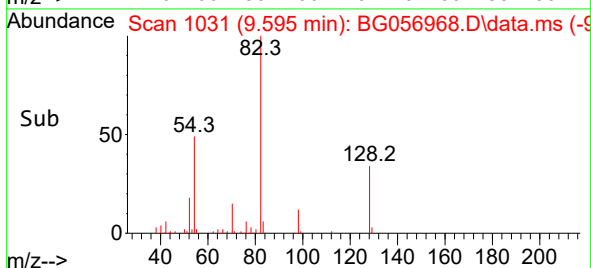
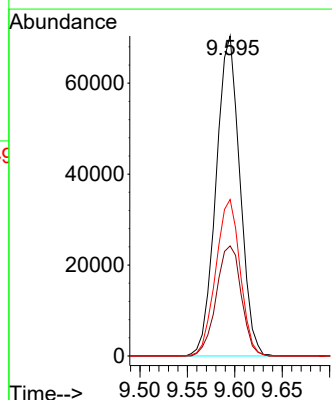
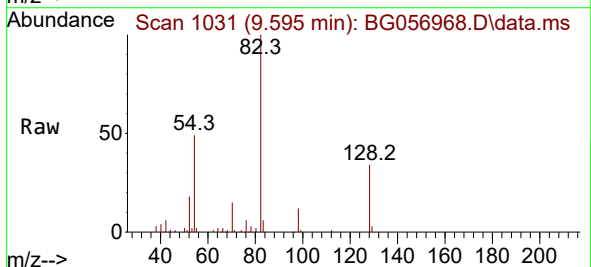
Instrument :
BNA_G
ClientSampleId :
PB151693BL

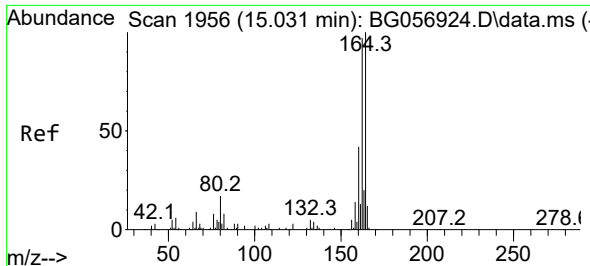
Tgt Ion:136 Resp: 59146
Ion Ratio Lower Upper
136 100
137 13.4 8.6 13.0#
54 7.5 6.9 10.3
68 4.9 3.8 5.6



#23
Nitrobenzene-d5
Concen: 85.224 ng
RT: 9.595 min Scan# 1031
Delta R.T. -0.002 min
Lab File: BG056968.D
Acq: 4 Apr 2023 16:42

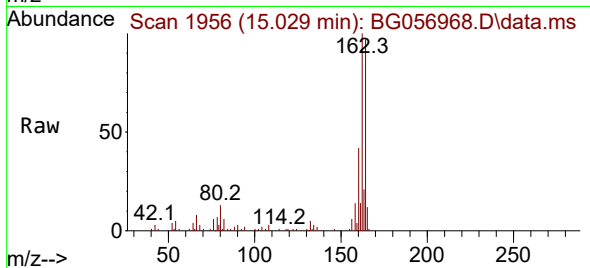
Tgt Ion: 82 Resp: 123191
Ion Ratio Lower Upper
82 100
128 34.4 27.9 41.9
54 48.9 39.4 59.2



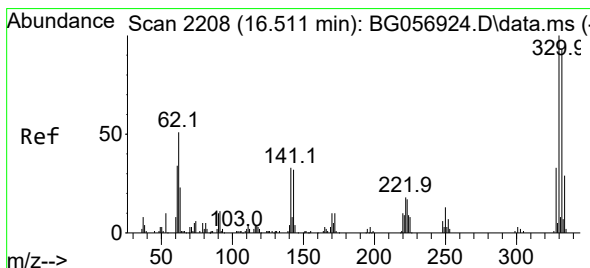
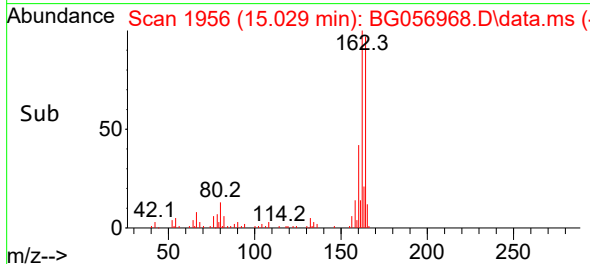
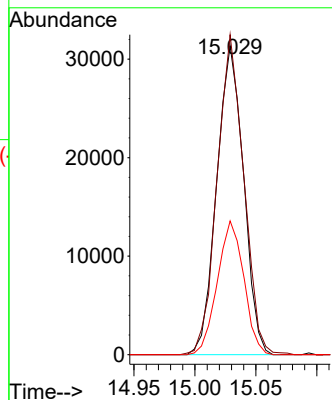


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.029 min Scan# 1956
Delta R.T. -0.002 min
Lab File: BG056968.D
Acq: 4 Apr 2023 16:42

Instrument :
BNA_G
ClientSampleId :
PB151693BL

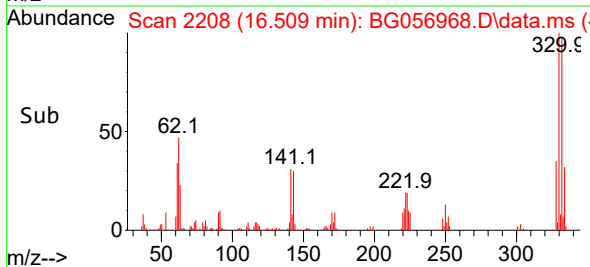
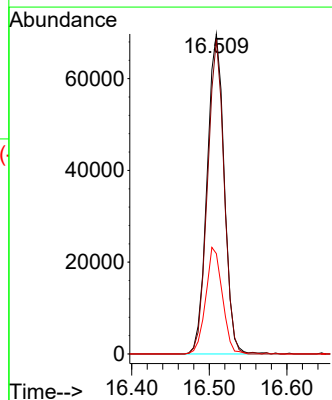
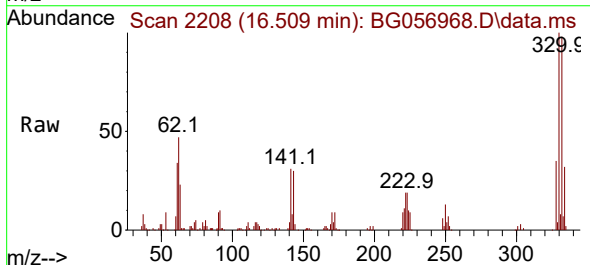


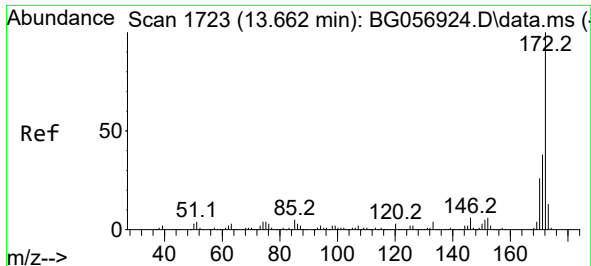
Tgt Ion:164 Resp: 47980
Ion Ratio Lower Upper
164 100
162 103.6 77.8 116.8
160 43.3 33.5 50.3



#42
2,4,6-Tribromophenol
Concen: 139.536 ng
RT: 16.509 min Scan# 2208
Delta R.T. -0.002 min
Lab File: BG056968.D
Acq: 4 Apr 2023 16:42

Tgt Ion:330 Resp: 106954
Ion Ratio Lower Upper
330 100
332 95.2 76.1 114.1
141 32.3 25.8 38.6

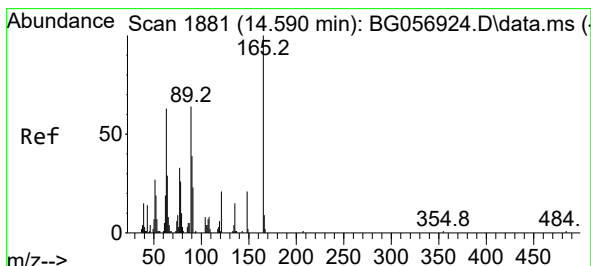
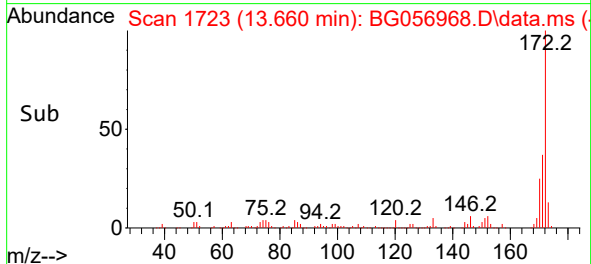
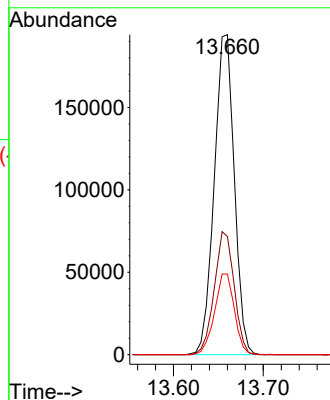
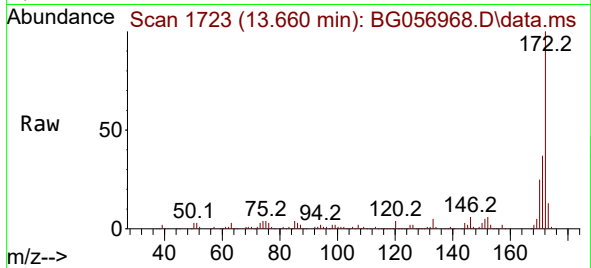




#45
 2-Fluorobiphenyl
 Concen: 85.080 ng
 RT: 13.660 min Scan# 11
 Delta R.T. -0.002 min
 Lab File: BG056968.D
 Acq: 4 Apr 2023 16:42

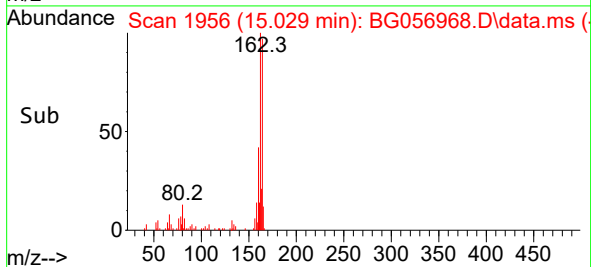
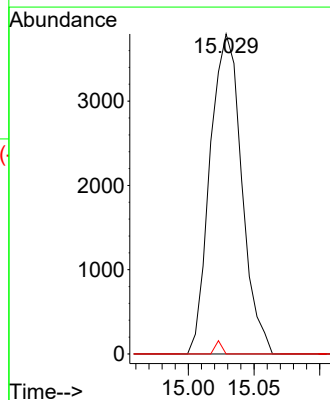
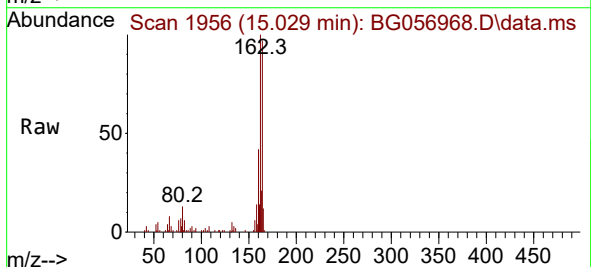
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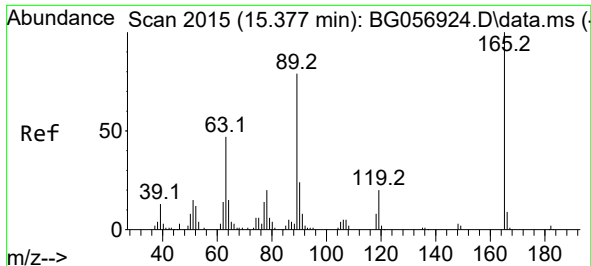
Tgt Ion:172 Resp: 301040
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.6 46.0
 170 25.2 20.6 30.8



#51
 2,6-Dinitrotoluene
 Concen: 7.795 ng
 RT: 15.029 min Scan# 1956
 Delta R.T. 0.439 min
 Lab File: BG056968.D
 Acq: 4 Apr 2023 16:42

Tgt Ion:165 Resp: 6367
 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: 5.527 ng

RT: 15.029 min Scan# 1956

Delta R.T. -0.348 min

Lab File: BG056968.D

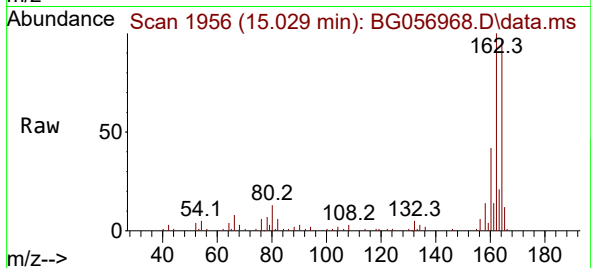
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Instrument :

BNA_G

ClientSampleId :

PB151693BL



Tgt Ion:165 Resp: 6367

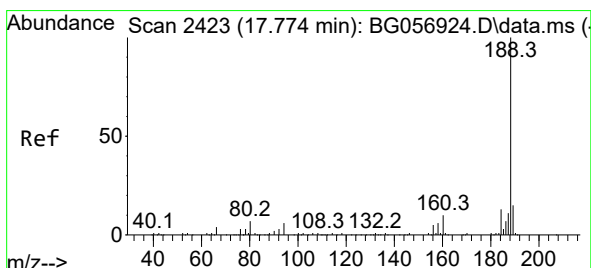
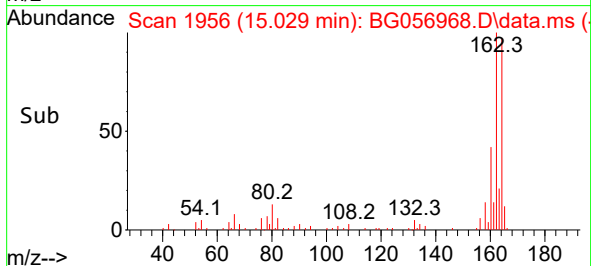
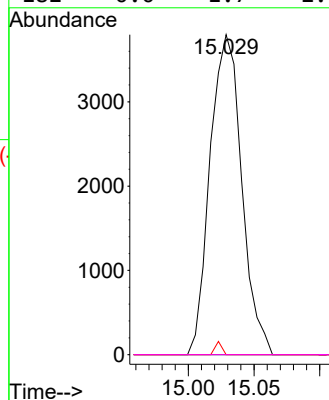
Ion Ratio Lower Upper

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: 17.766 min Scan# 2422

Delta R.T. -0.008 min

Lab File: BG056968.D

Acq: 4 Apr 2023 16:42

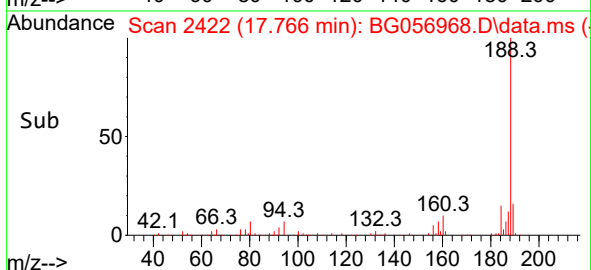
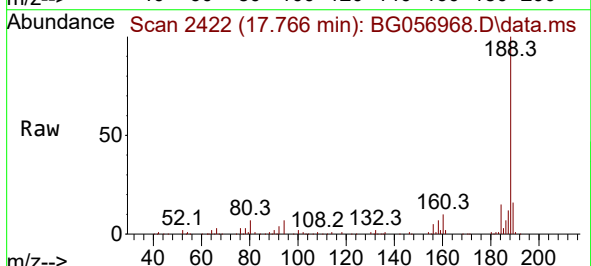
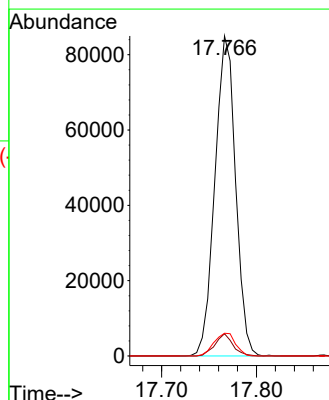
Tgt Ion:188 Resp: 128721

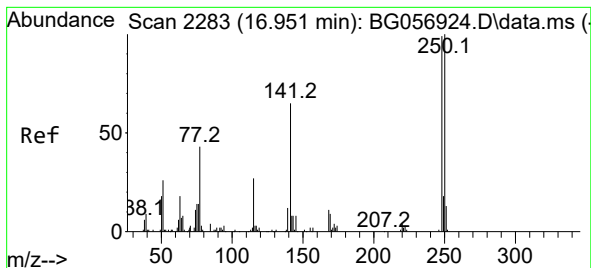
Ion Ratio Lower Upper

188 100

94 7.0 4.6 6.8#

80 7.1 5.5 8.3

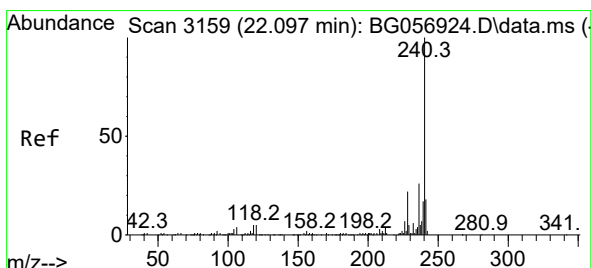
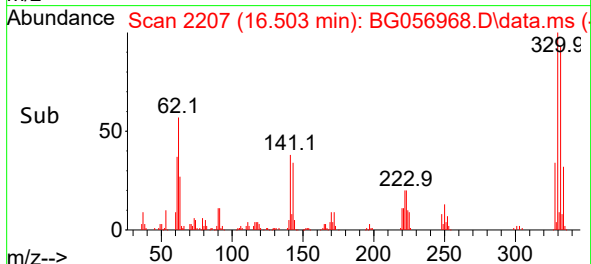
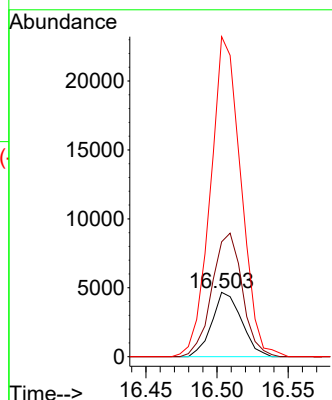
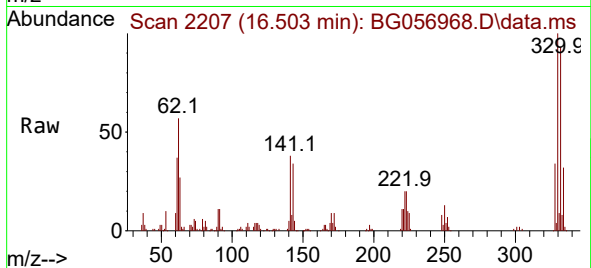




#67
4-Bromophenyl-phenylether
Concen: 4.251 ng
RT: 16.503 min Scan# 21
Delta R.T. -0.448 min
Lab File: BG056968.D
Acq: 4 Apr 2023 16:42

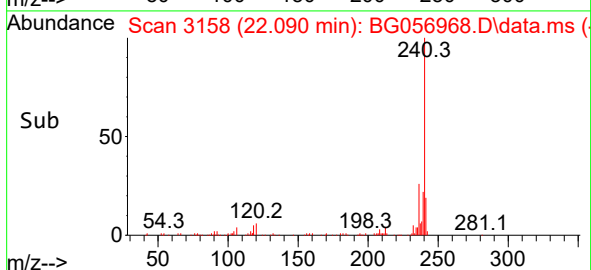
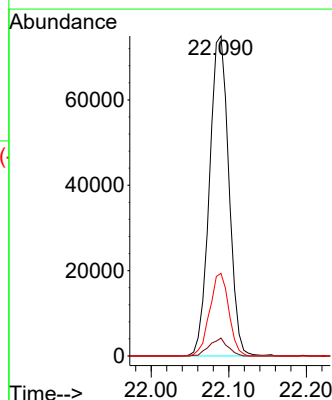
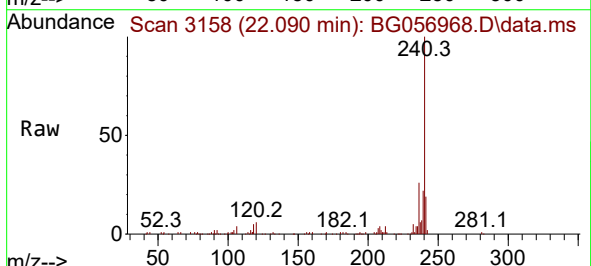
Instrument :
BNA_G
ClientSampleId :
PB151693BL

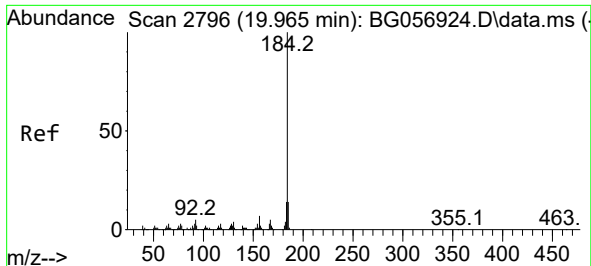
Tgt Ion:248 Resp: 6771
Ion Ratio Lower Upper
248 100
250 178.7 80.5 120.7#
141 497.6 52.0 78.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.090 min Scan# 3158
Delta R.T. -0.008 min
Lab File: BG056968.D
Acq: 4 Apr 2023 16:42

Tgt Ion:240 Resp: 130129
Ion Ratio Lower Upper
240 100
120 5.6 3.8 5.6
236 25.8 21.0 31.6

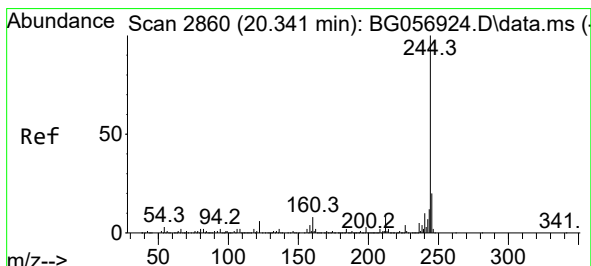
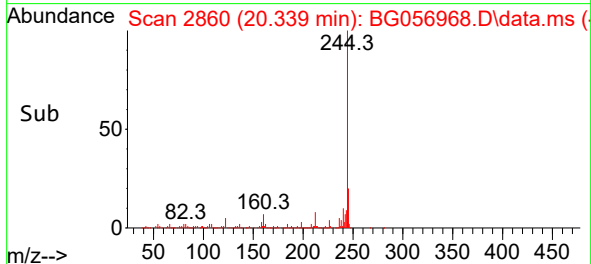
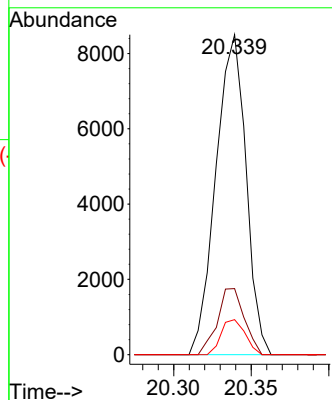
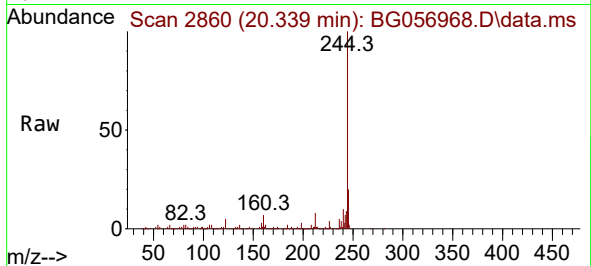




#77
Benzidine
Concen: 3.226 ng
RT: 20.339 min Scan# 2860
Delta R.T. 0.374 min
Lab File: BG056968.D
Acq: 4 Apr 2023 16:42

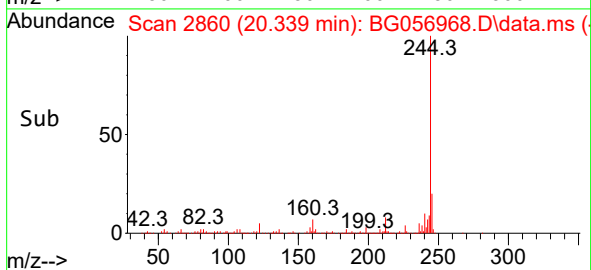
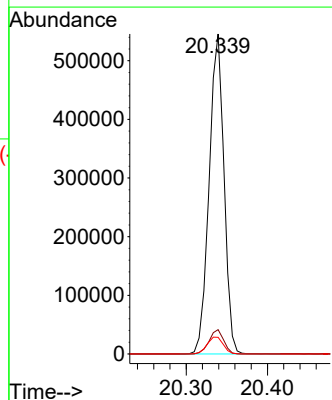
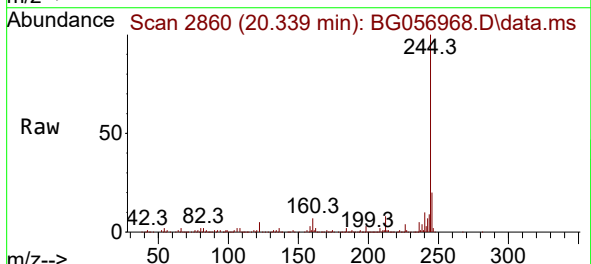
Instrument :
BNA_G
ClientSampleId :
PB151693BL

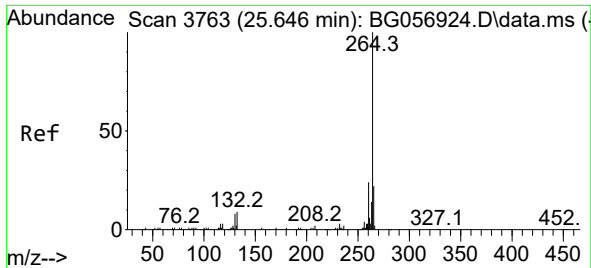
Tgt Ion:184 Resp: 11474
Ion Ratio Lower Upper
184 100
185 20.6 11.0 16.4#
183 10.9 11.4 17.0#



#79
Terphenyl-d14
Concen: 90.061 ng
RT: 20.339 min Scan# 2860
Delta R.T. -0.002 min
Lab File: BG056968.D
Acq: 4 Apr 2023 16:42

Tgt Ion:244 Resp: 692581
Ion Ratio Lower Upper
244 100
212 7.6 6.1 9.1
122 5.2 5.0 7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.632 min Scan# 31
Delta R.T. -0.013 min
Lab File: BG056968.D
Acq: 4 Apr 2023 16:42

Instrument :
BNA_G
ClientSampleId :
PB151693BL

Tgt Ion:264 Resp: 135101
Ion Ratio Lower Upper
264 100
260 24.9 19.0 28.4
265 21.8 17.8 26.6

