

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081523\
 Data File : BG058724.D
 Acq On : 15 Aug 2023 9:21
 Operator : MA/JU
 Sample : PB154767BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154767BL

Quant Time: Aug 15 10:15:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

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

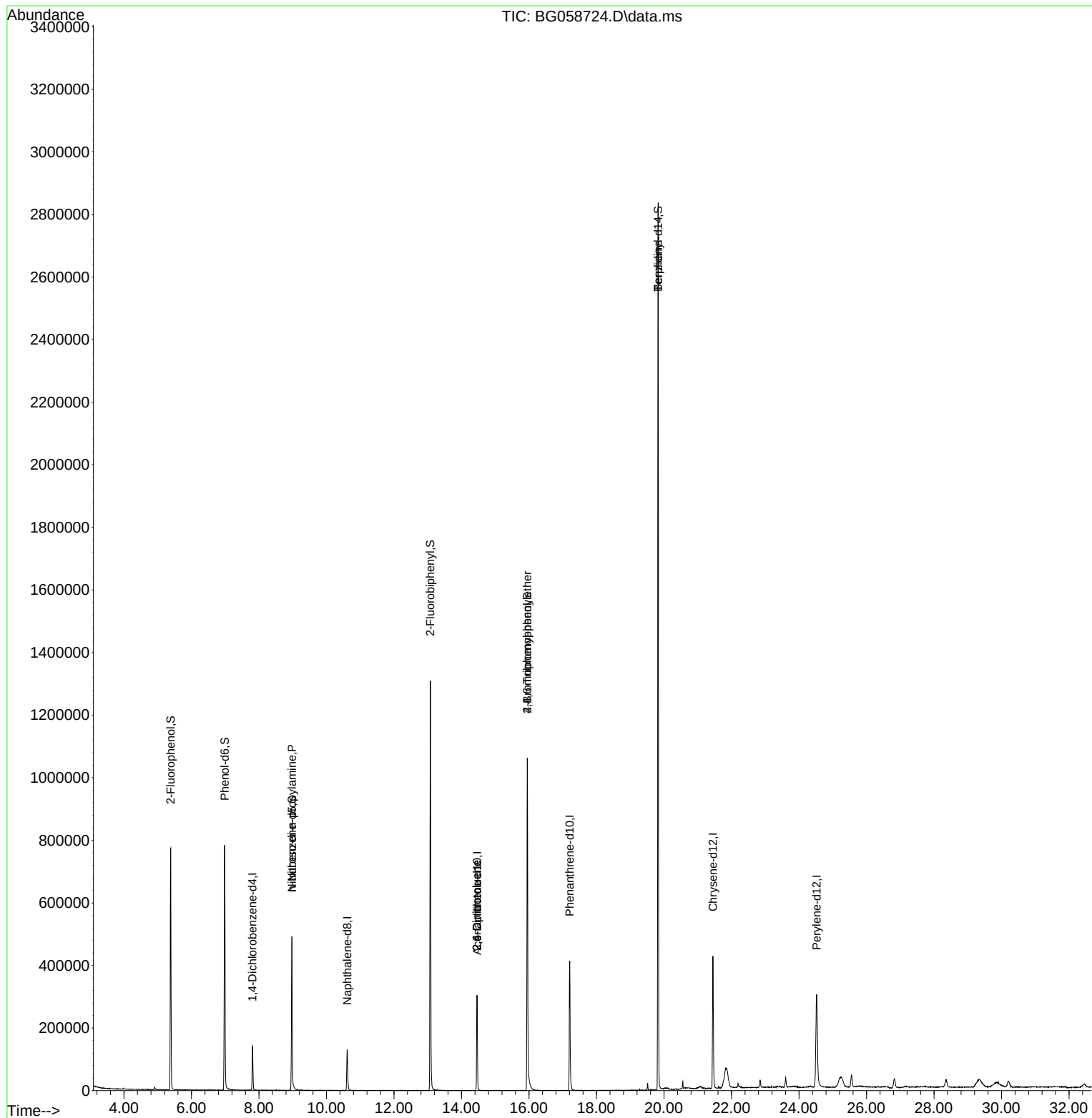
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.806	152	40381	20.000	ng	0.00
21) Naphthalene-d8	10.615	136	128594	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	120794	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	319550	20.000	ng	0.00
76) Chrysene-d12	21.449	240	277054	20.000	ng	0.00
86) Perylene-d12	24.522	264	377709	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.386	112	324039	122.652	ng	0.00
7) Phenol-d6	6.984	99	463696	126.134	ng	0.00
23) Nitrobenzene-d5	8.976	82	316475	120.899	ng	0.00
42) 2,4,6-Tribromophenol	15.950	330	265184	133.938	ng	0.00
45) 2-Fluorobiphenyl	13.077	172	757397	93.964	ng	0.00
79) Terphenyl-d14	19.828	244	1583446	107.478	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	8.976	70	39450	16.614	ng	# 78
51) 2,6-Dinitrotoluene	14.458	165	15467	7.770	ng	# 22
57) 2,4-Dinitrotoluene	14.458	165	15467	5.605	ng	# 23
67) 4-Bromophenyl-phenylether	15.950	248	16613	4.584	ng	# 1
77) Benzidine	19.822	184	19642	4.675	ng	# 93

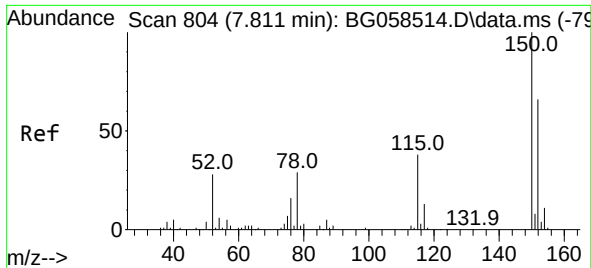
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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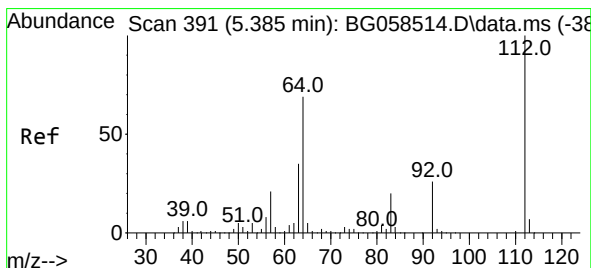
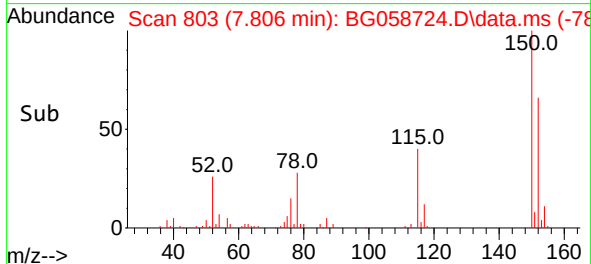
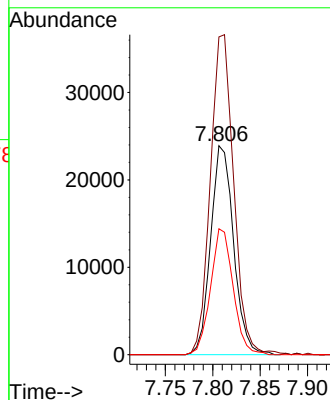
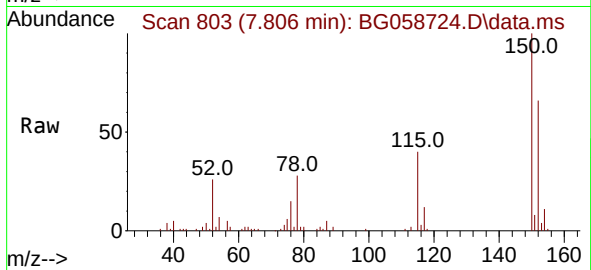




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.806 min Scan# 804
Delta R.T. -0.005 min
Lab File: BG058724.D
Acq: 15 Aug 2023 9:21

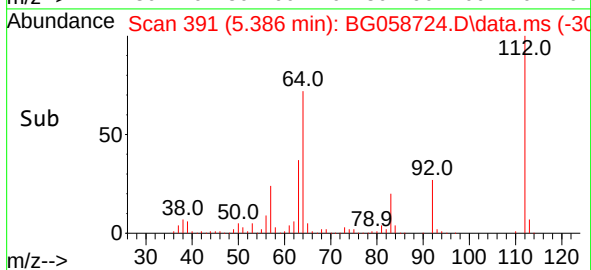
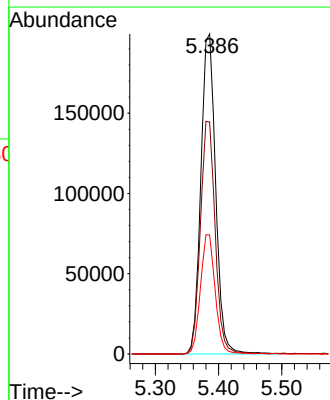
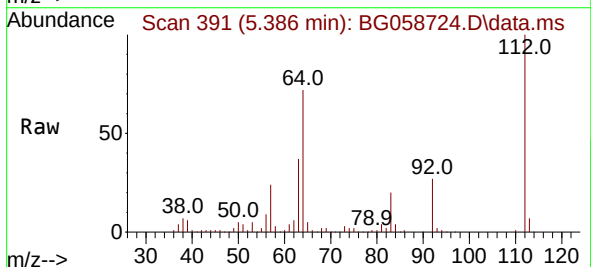
Instrument :
BNA_G
ClientSampleId :
PB154767BL

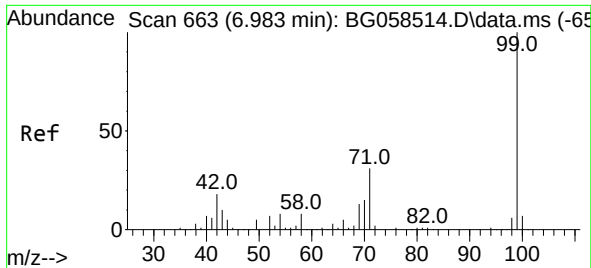
Tgt Ion:152 Resp: 40381
Ion Ratio Lower Upper
152 100
150 152.0 120.5 180.7
115 60.3 45.9 68.9



#5
2-Fluorophenol
Concen: 122.652 ng
RT: 5.386 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG058724.D
Acq: 15 Aug 2023 9:21

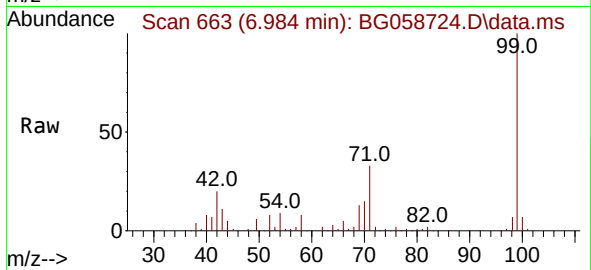
Tgt Ion:112 Resp: 324039
Ion Ratio Lower Upper
112 100
64 72.5 55.3 82.9
63 37.2 28.3 42.5



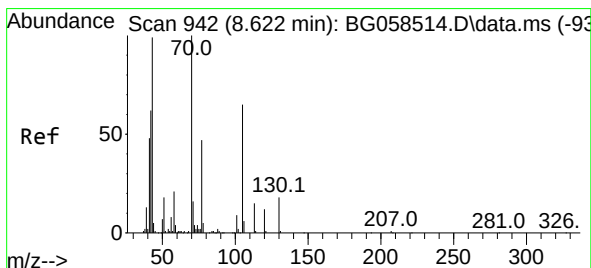
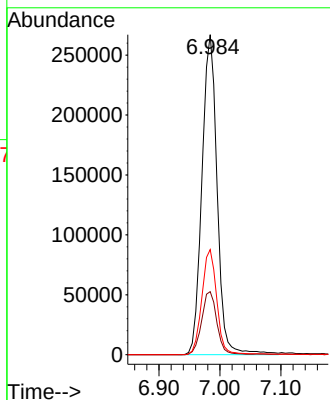
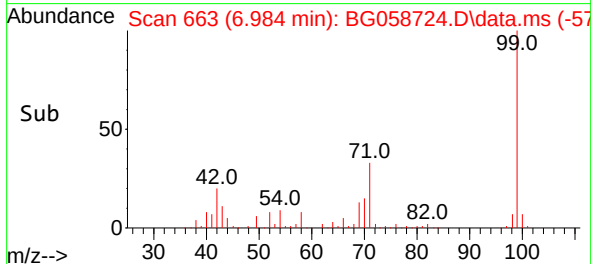


#7
Phenol-d6
Concen: 126.134 ng
RT: 6.984 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG058724.D
Acq: 15 Aug 2023 9:21

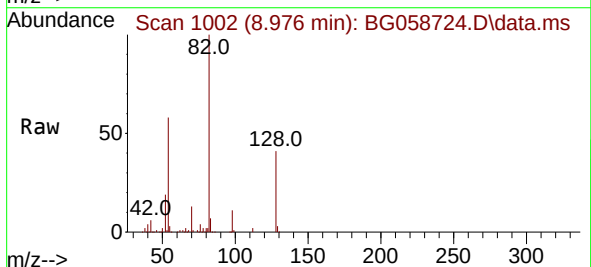
Instrument :
BNA_G
ClientSampleId :
PB154767BL



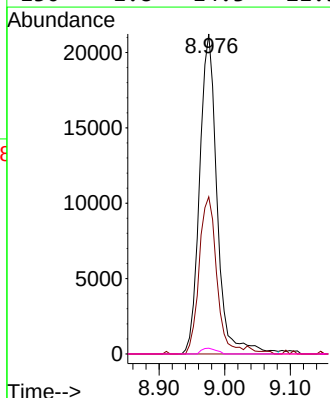
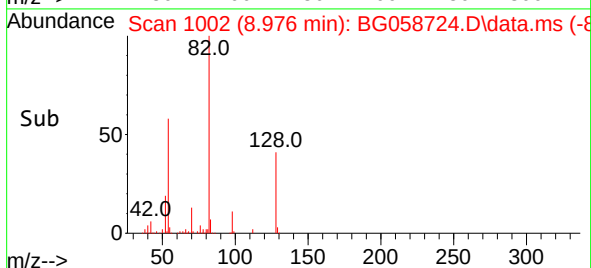
Tgt Ion: 99 Resp: 463696
Ion Ratio Lower Upper
99 100
42 19.7 14.6 21.8
71 32.9 25.0 37.4

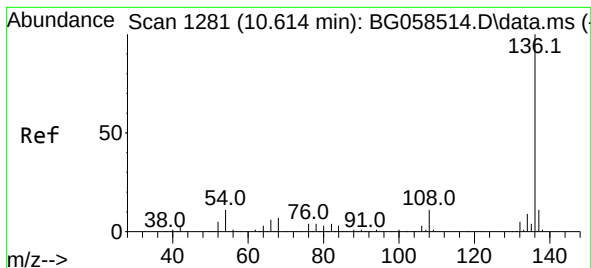


#19
n-Nitroso-di-n-propylamine
Concen: 16.614 ng
RT: 8.976 min Scan# 1002
Delta R.T. 0.354 min
Lab File: BG058724.D
Acq: 15 Aug 2023 9:21



Tgt Ion: 70 Resp: 39450
Ion Ratio Lower Upper
70 100
42 49.1 49.7 74.5#
101 0.0 7.0 10.4#
130 1.8 14.3 21.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.615 min Scan# 11

Delta R.T. 0.001 min

Lab File: BG058724.D

Acq: 15 Aug 2023 9:21

Instrument :

BNA_G

ClientSampleId :

PB154767BL

Tgt Ion:136 Resp: 128594

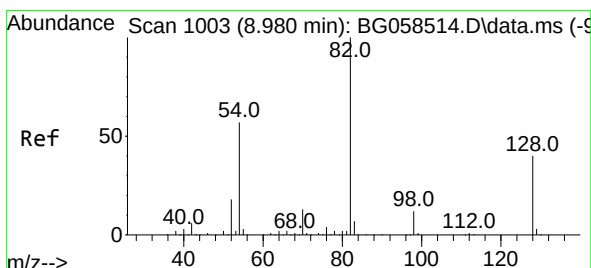
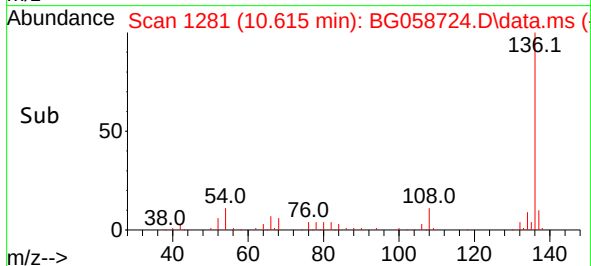
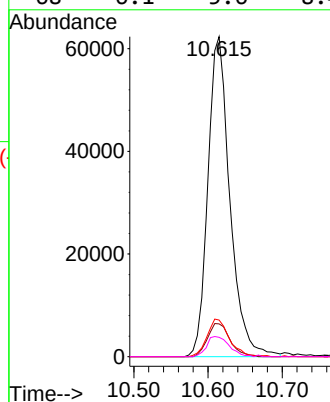
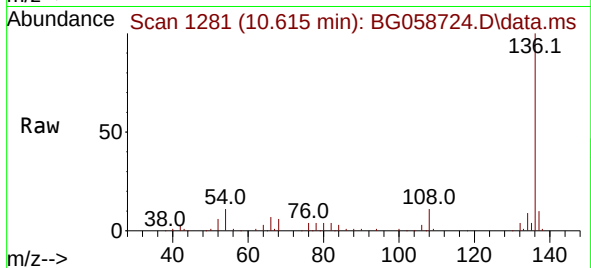
Ion Ratio Lower Upper

136 100

137 10.3 8.6 13.0

54 11.5 8.9 13.3

68 6.1 5.6 8.4



#23

Nitrobenzene-d5

Concen: 120.899 ng

RT: 8.976 min Scan# 1002

Delta R.T. -0.005 min

Lab File: BG058724.D

Acq: 15 Aug 2023 9:21

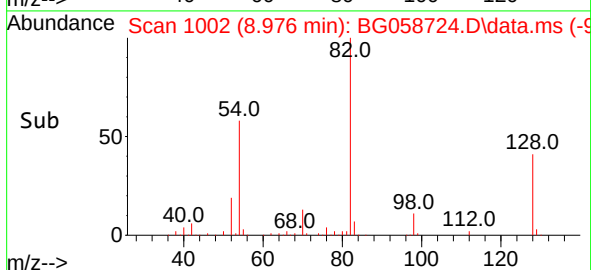
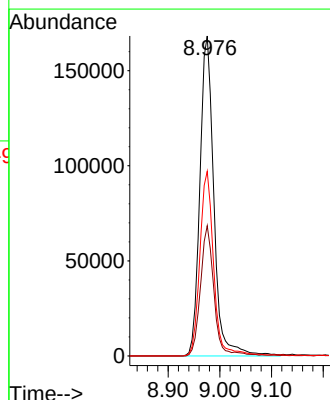
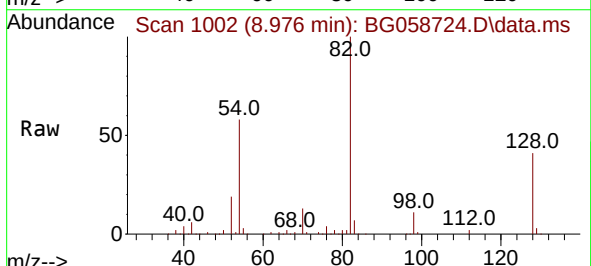
Tgt Ion: 82 Resp: 316475

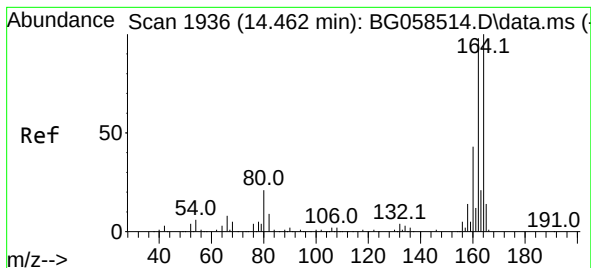
Ion Ratio Lower Upper

82 100

128 40.7 32.2 48.2

54 57.7 46.0 69.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.463 min Scan# 1936

Delta R.T. 0.001 min

Lab File: BG058724.D

Acq: 15 Aug 2023 9:21

Instrument :

BNA_G

ClientSampleId :

PB154767BL

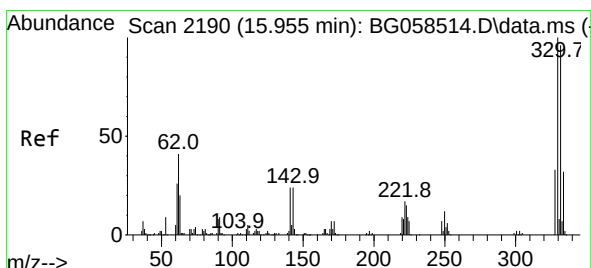
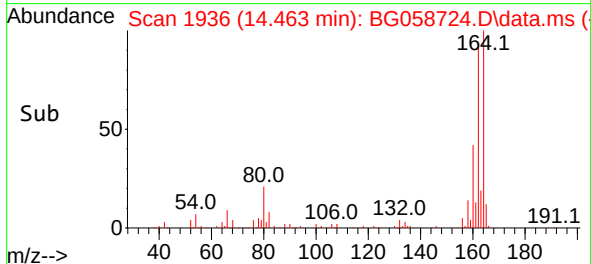
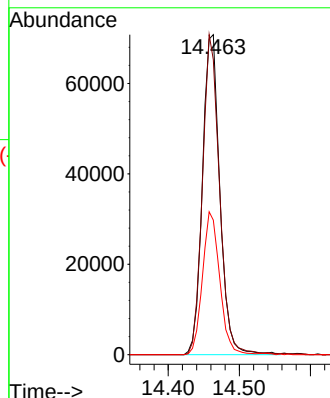
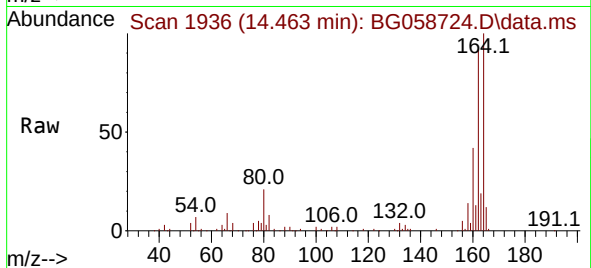
Tgt Ion:164 Resp: 120794

Ion Ratio Lower Upper

164 100

162 92.2 78.3 117.5

160 42.1 34.1 51.1



#42

2,4,6-Tribromophenol

Concen: 133.938 ng

RT: 15.950 min Scan# 2189

Delta R.T. -0.005 min

Lab File: BG058724.D

Acq: 15 Aug 2023 9:21

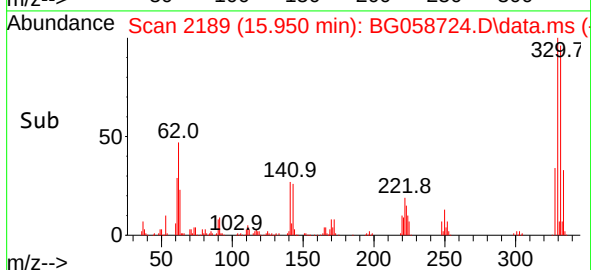
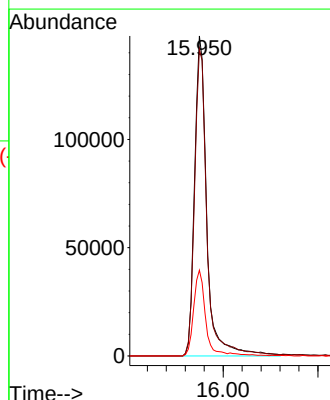
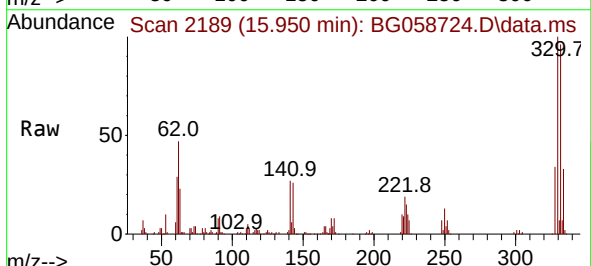
Tgt Ion:330 Resp: 265184

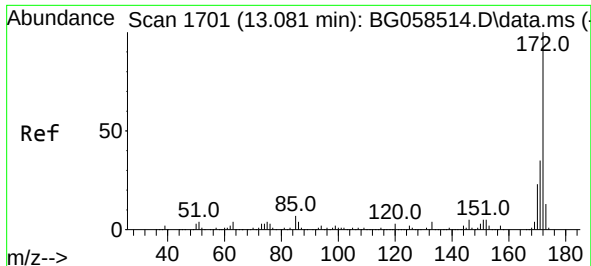
Ion Ratio Lower Upper

330 100

332 97.0 77.5 116.3

141 26.6 20.7 31.1

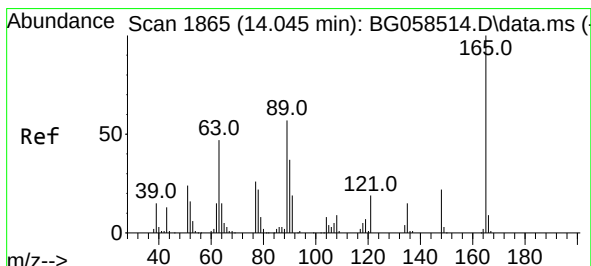
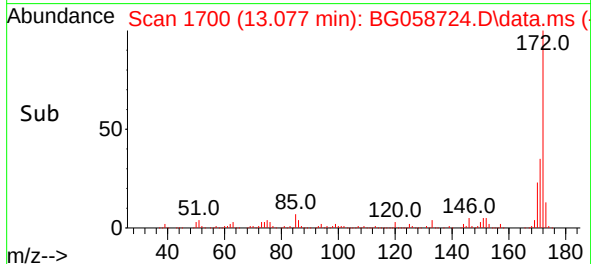
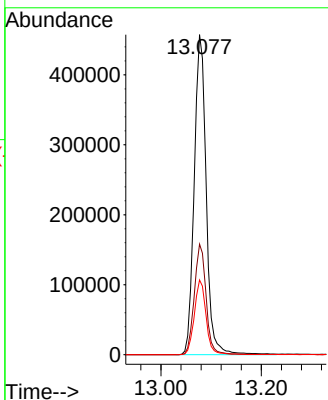
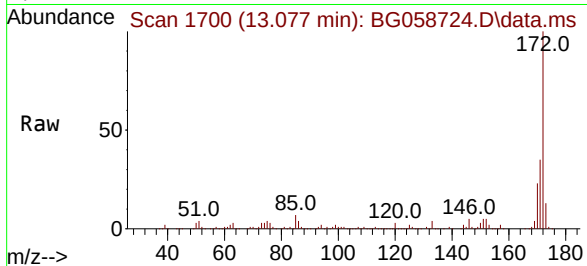




#45
2-Fluorobiphenyl
Concen: 93.964 ng
RT: 13.077 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG058724.D
Acq: 15 Aug 2023 9:21

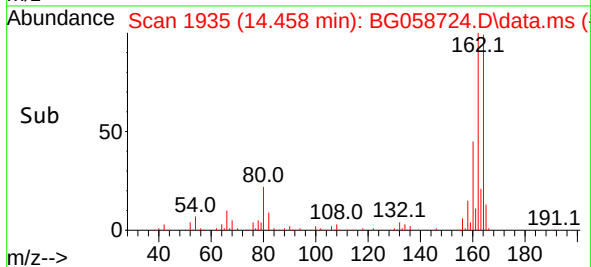
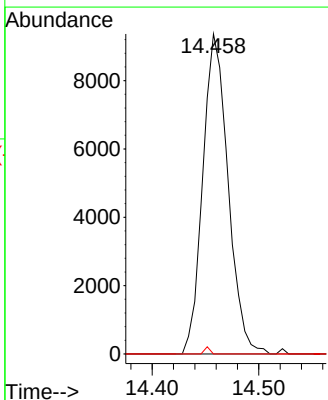
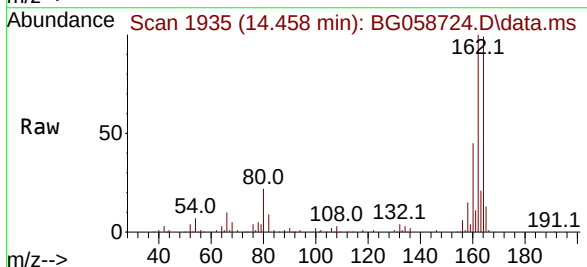
Instrument :
BNA_G
ClientSampleId :
PB154767BL

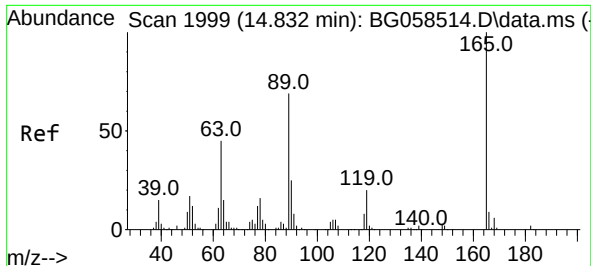
Tgt Ion:172 Resp: 757397
Ion Ratio Lower Upper
172 100
171 34.5 28.0 42.0
170 23.4 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 7.770 ng
RT: 14.458 min Scan# 1935
Delta R.T. 0.412 min
Lab File: BG058724.D
Acq: 15 Aug 2023 9:21

Tgt Ion:165 Resp: 15467
Ion Ratio Lower Upper
165 100
63 0.0 46.4 69.6#
89 0.0 45.3 67.9#





#57

2,4-Dinitrotoluene

Concen: 5.605 ng

RT: 14.458 min Scan# 1999

Delta R.T. -0.375 min

Lab File: BG058724.D

Acq: 15 Aug 2023 9:21

Instrument :

BNA_G

ClientSampleId :

PB154767BL

Tgt Ion:165 Resp: 15467

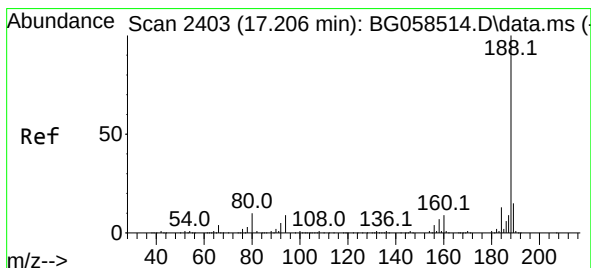
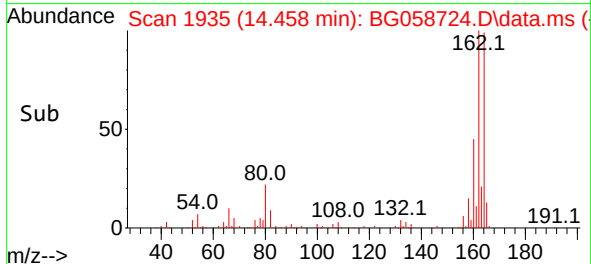
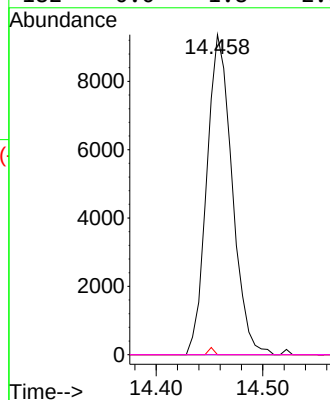
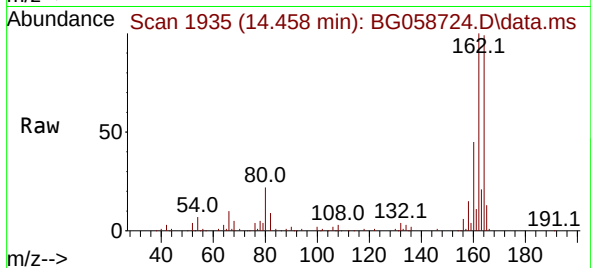
Ion Ratio Lower Upper

165 100

63 0.0 36.6 54.8#

89 0.0 55.4 83.0#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.207 min Scan# 2403

Delta R.T. 0.001 min

Lab File: BG058724.D

Acq: 15 Aug 2023 9:21

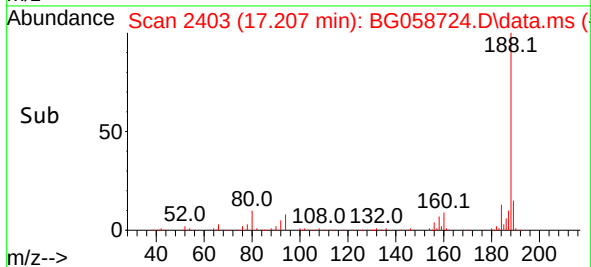
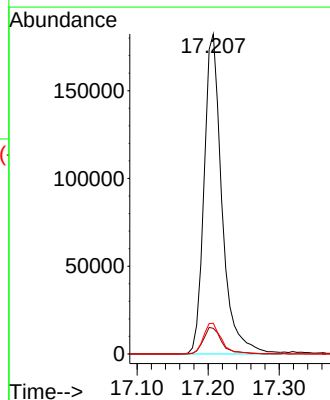
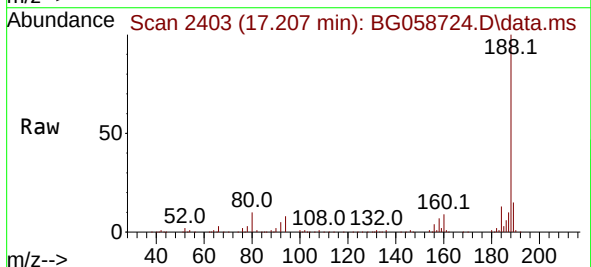
Tgt Ion:188 Resp: 319550

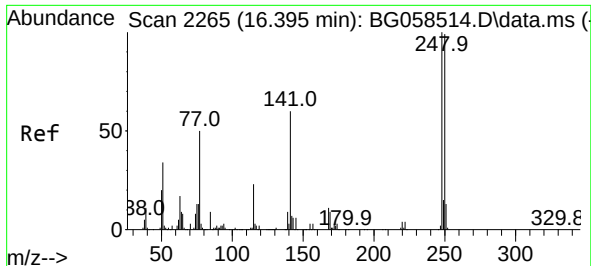
Ion Ratio Lower Upper

188 100

94 8.0 7.0 10.6

80 9.6 8.1 12.1

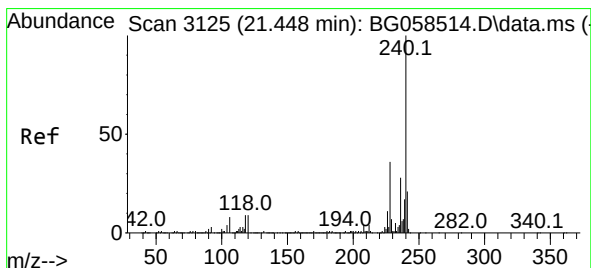
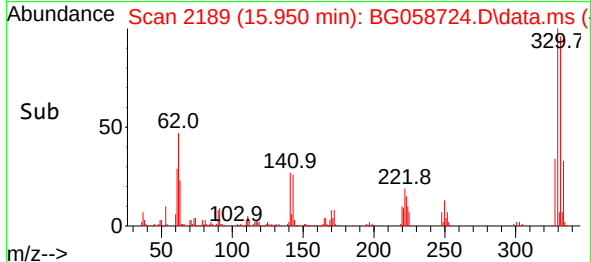
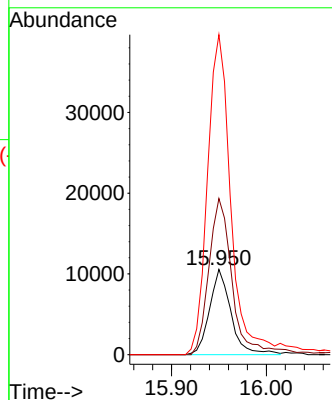
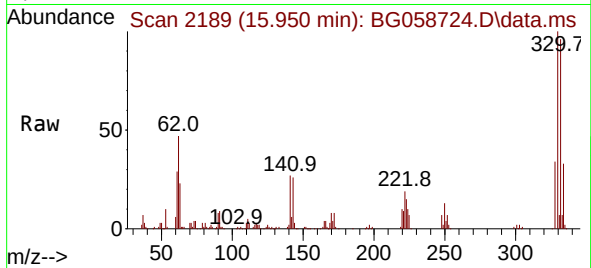




#67
4-Bromophenyl-phenylether
Concen: 4.584 ng
RT: 15.950 min Scan# 2189
Delta R.T. -0.445 min
Lab File: BG058724.D
Acq: 15 Aug 2023 9:21

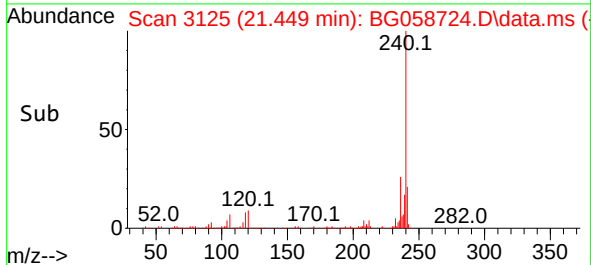
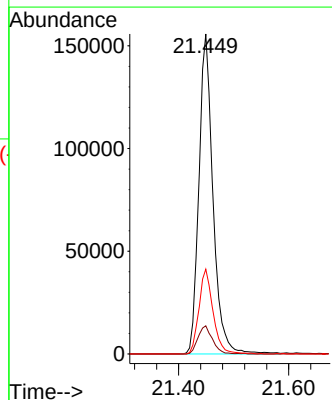
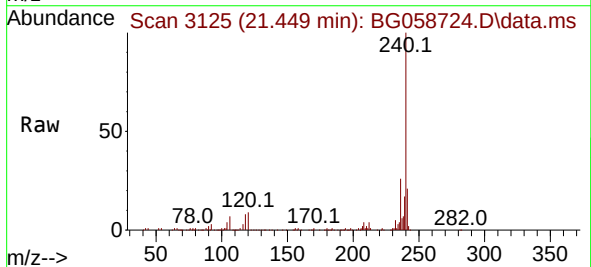
Instrument :
BNA_G
ClientSampleId :
PB154767BL

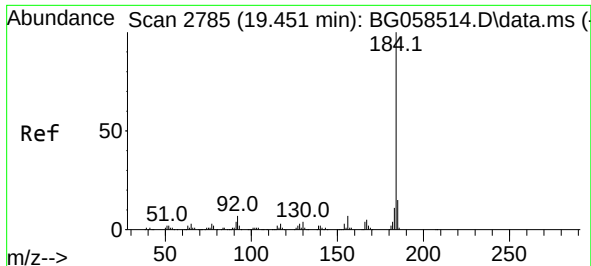
Tgt Ion:248 Resp: 16613
Ion Ratio Lower Upper
248 100
250 183.2 79.5 119.3#
141 375.4 48.2 72.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 3125
Delta R.T. 0.001 min
Lab File: BG058724.D
Acq: 15 Aug 2023 9:21

Tgt Ion:240 Resp: 277054
Ion Ratio Lower Upper
240 100
120 8.8 7.4 11.0
236 26.5 22.2 33.4

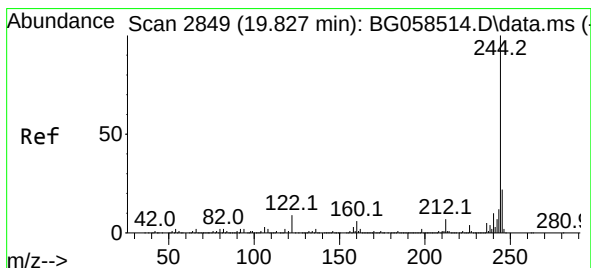
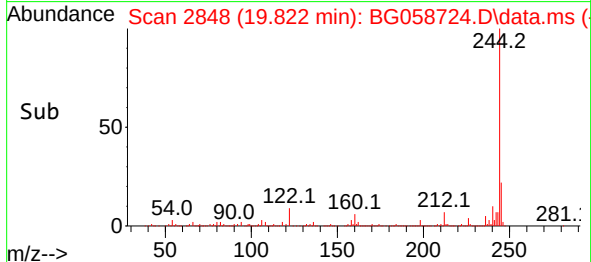
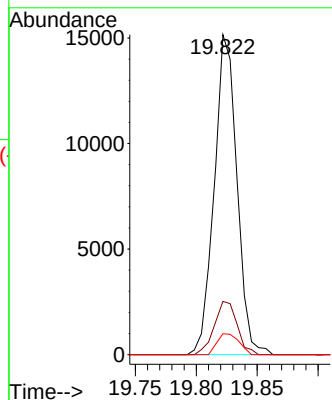
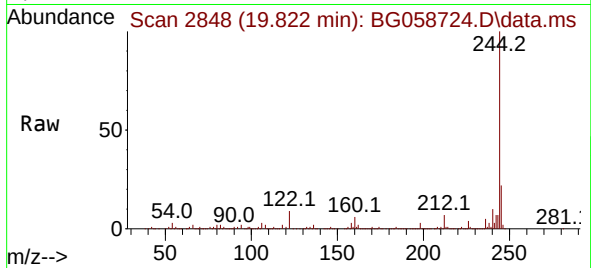




#77
Benzidine
Concen: 4.675 ng
RT: 19.822 min Scan# 2848
Delta R.T. 0.371 min
Lab File: BG058724.D
Acq: 15 Aug 2023 9:21

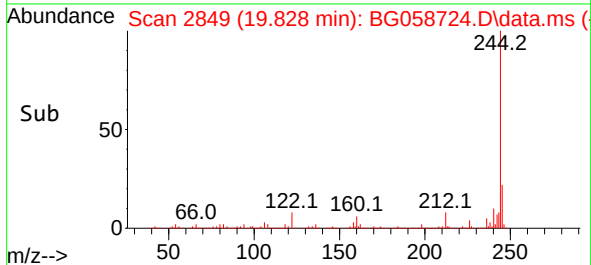
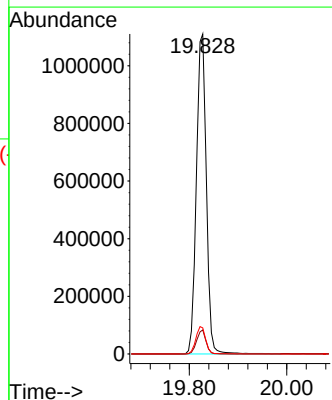
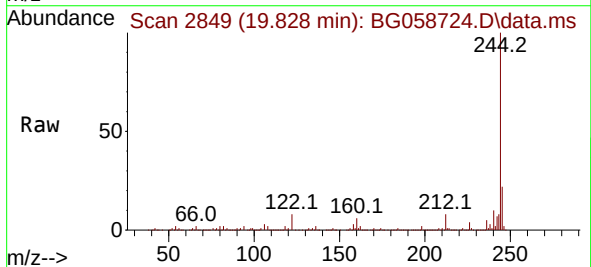
Instrument :
BNA_G
ClientSampleId :
PB154767BL

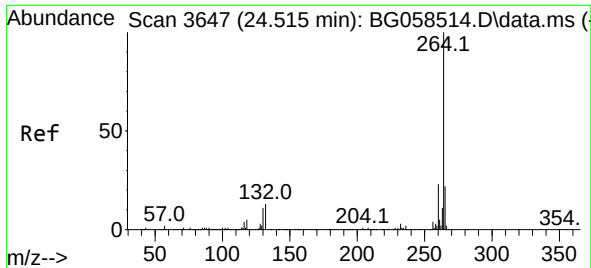
Tgt Ion:184 Resp: 19642
Ion Ratio Lower Upper
184 100
185 16.7 11.9 17.9
183 6.6 8.7 13.1#



#79
Terphenyl-d14
Concen: 107.478 ng
RT: 19.828 min Scan# 2849
Delta R.T. 0.001 min
Lab File: BG058724.D
Acq: 15 Aug 2023 9:21

Tgt Ion:244 Resp: 1583446
Ion Ratio Lower Upper
244 100
212 7.5 5.9 8.9
122 8.1 6.8 10.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.522 min Scan# 30
 Delta R.T. 0.007 min
 Lab File: BG058724.D
 Acq: 15 Aug 2023 9:21

Instrument :
 BNA_G
 ClientSampleId :
 PB154767BL

Tgt Ion:264 Resp: 377709
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.4 27.6
 265 21.8 17.9 26.9

