

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081723\
 Data File : BG058755.D
 Acq On : 17 Aug 2023 9:50
 Operator : MA/JU
 Sample : PB154864BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154864BL

Quant Time: Aug 18 01:49:45 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)

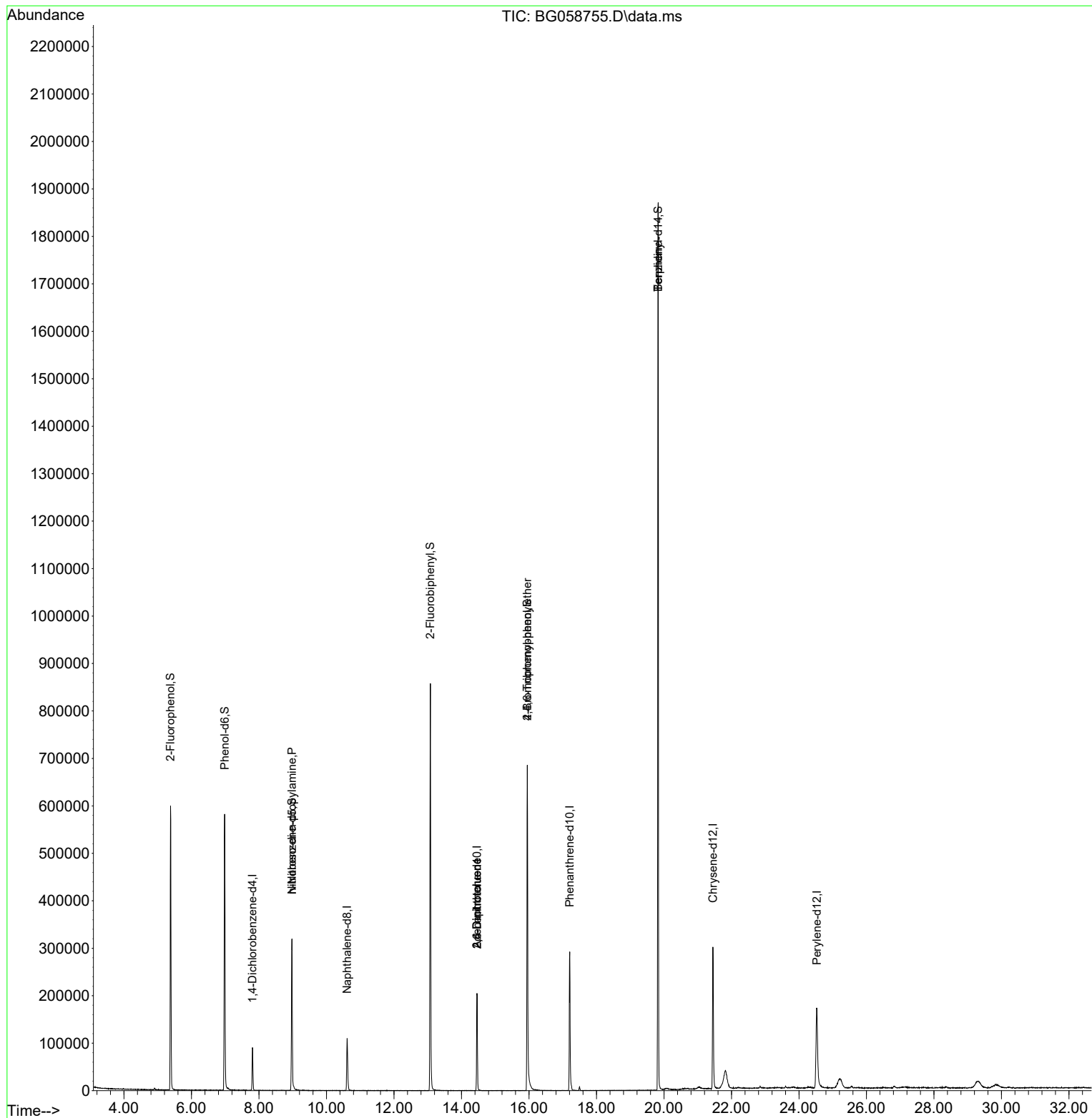
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.807	152	25320	20.000	ng	0.00
21) Naphthalene-d8	10.609	136	109665	20.000	ng	# 0.00
39) Acenaphthene-d10	14.458	164	82088	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	223942	20.000	ng	0.00
76) Chrysene-d12	21.449	240	207083	20.000	ng	0.00
86) Perylene-d12	24.528	264	242383	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.380	112	241192	145.597	ng	0.00
7) Phenol-d6	6.984	99	325017	140.999	ng	0.00
23) Nitrobenzene-d5	8.976	82	201767	90.383	ng	0.00
42) 2,4,6-Tribromophenol	15.950	330	173109	128.660	ng	0.00
45) 2-Fluorobiphenyl	13.077	172	494581	90.290	ng	0.00
79) Terphenyl-d14	19.828	244	1031187	93.642	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.976	70	25508	17.132	ng	# 83
51) 2,6-Dinitrotoluene	14.458	165	10622	7.852	ng	# 22
57) 2,4-Dinitrotoluene	14.458	165	10622	5.664	ng	# 23
67) 4-Bromophenyl-phenylether	15.950	248	10419	4.102	ng	# 1
77) Benzidine	19.822	184	14920	4.751	ng	# 89

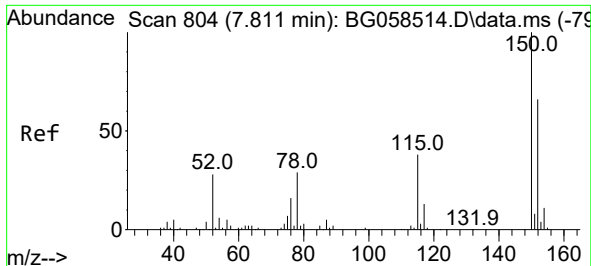
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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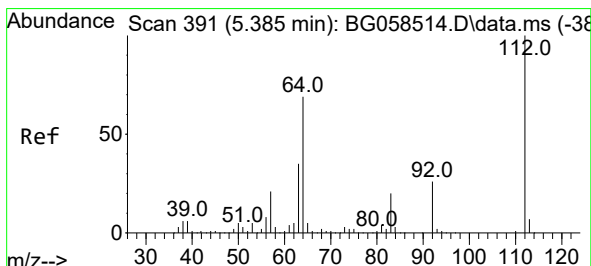
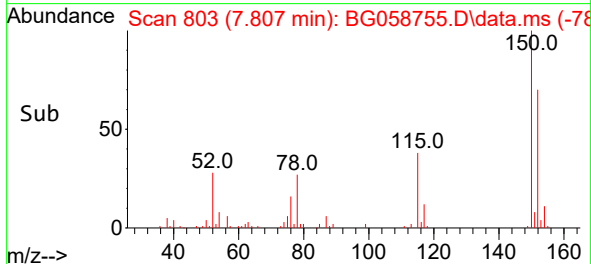
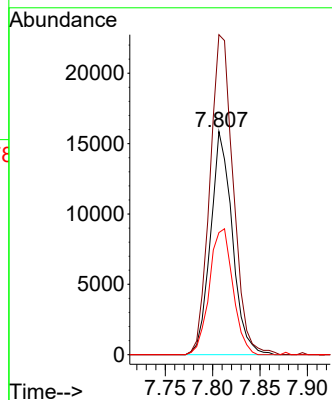
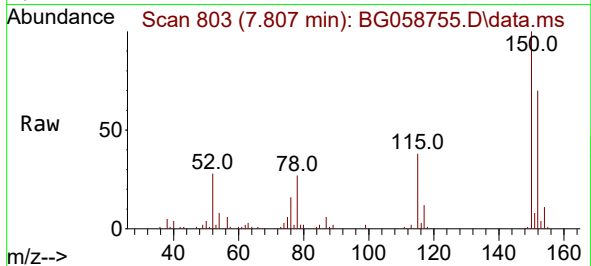




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.807 min Scan# 804
Delta R.T. -0.004 min
Lab File: BG058755.D
Acq: 17 Aug 2023 9:50

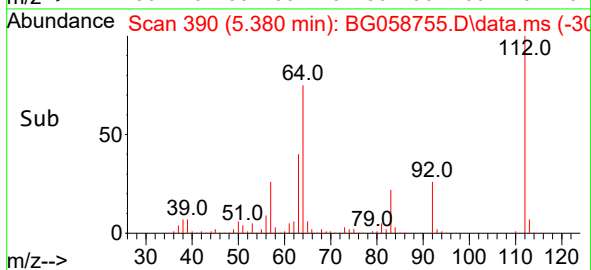
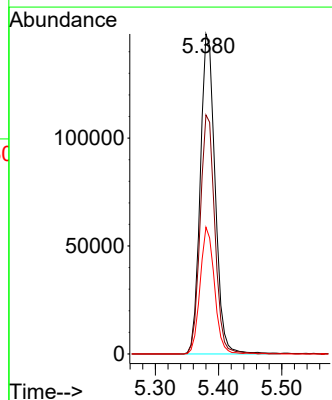
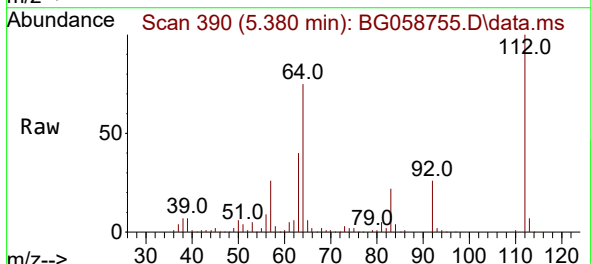
Instrument :
BNA_G
ClientSampleId :
PB154864BL

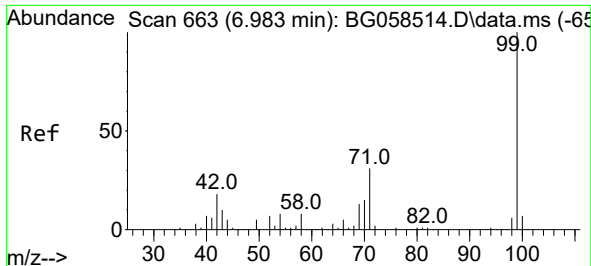
Tgt Ion:152 Resp: 25320
Ion Ratio Lower Upper
152 100
150 143.4 120.5 180.7
115 54.7 45.9 68.9



#5
2-Fluorophenol
Concen: 145.597 ng
RT: 5.380 min Scan# 390
Delta R.T. -0.005 min
Lab File: BG058755.D
Acq: 17 Aug 2023 9:50

Tgt Ion:112 Resp: 241192
Ion Ratio Lower Upper
112 100
64 74.7 55.3 82.9
63 39.6 28.3 42.5

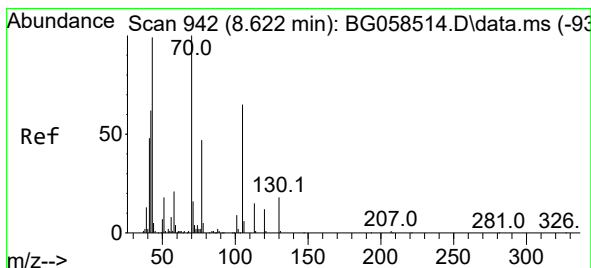
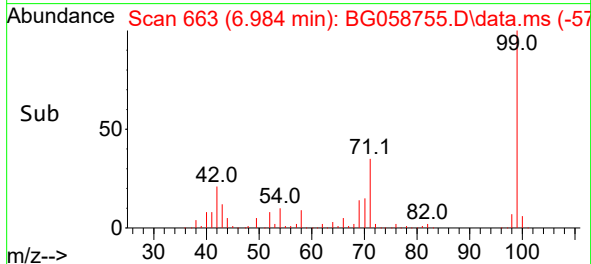
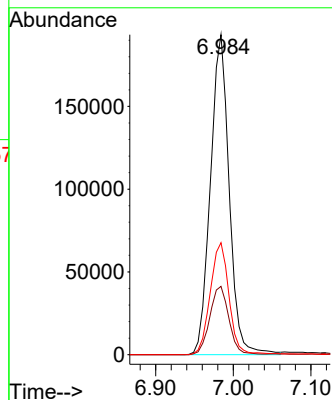
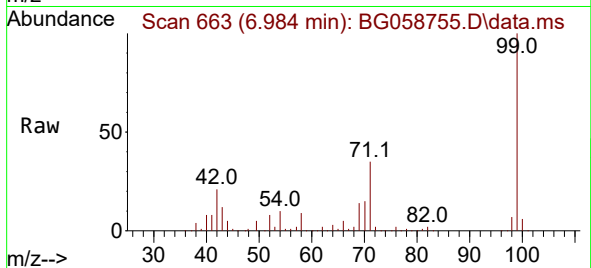




#7
Phenol-d6
Concen: 140.999 ng
RT: 6.984 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG058755.D
Acq: 17 Aug 2023 9:50

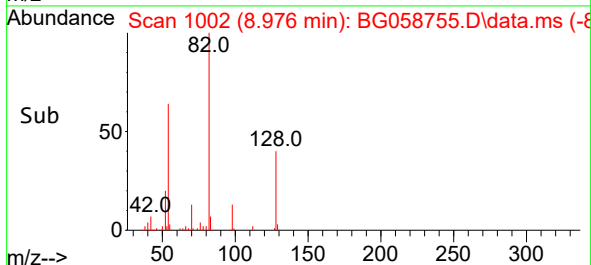
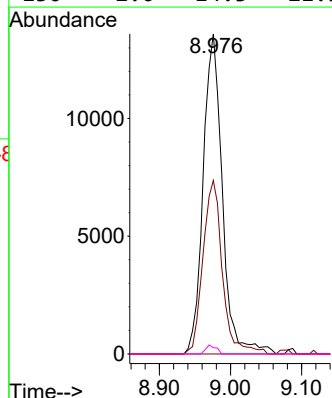
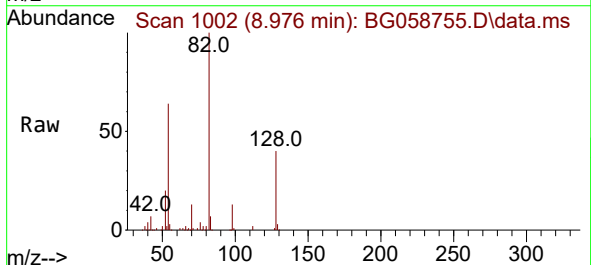
Instrument :
BNA_G
ClientSampleId :
PB154864BL

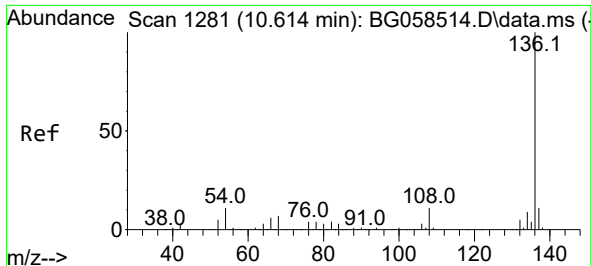
Tgt Ion: 99 Resp: 325017
Ion Ratio Lower Upper
99 100
42 21.3 14.6 21.8
71 35.0 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.132 ng
RT: 8.976 min Scan# 1002
Delta R.T. 0.354 min
Lab File: BG058755.D
Acq: 17 Aug 2023 9:50

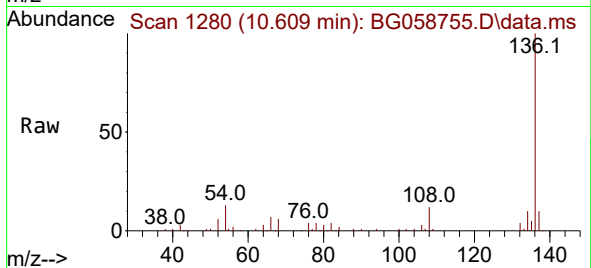
Tgt Ion: 70 Resp: 25508
Ion Ratio Lower Upper
70 100
42 54.2 49.7 74.5
101 0.0 7.0 10.4#
130 2.0 14.3 21.5#



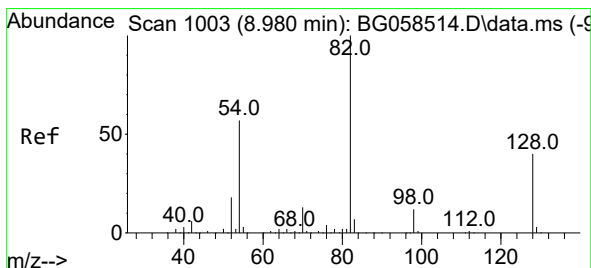
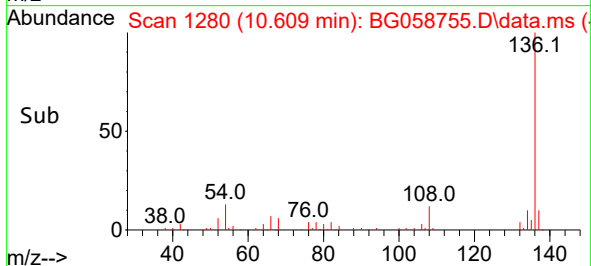
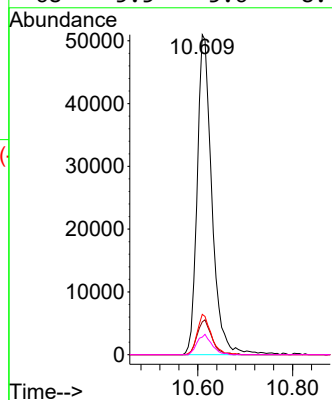


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.609 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG058755.D
Acq: 17 Aug 2023 9:50

Instrument :
BNA_G
ClientSampleId :
PB154864BL

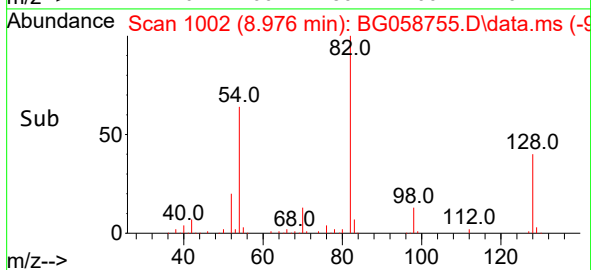
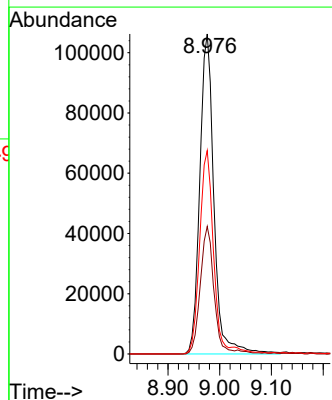
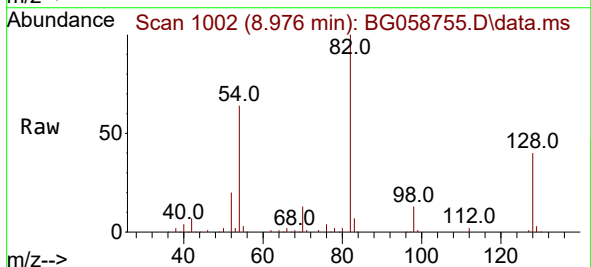


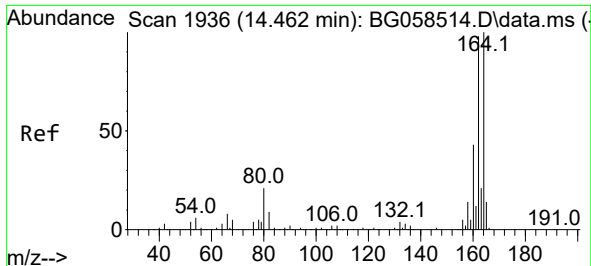
Tgt Ion:136 Resp: 109665
Ion Ratio Lower Upper
136 100
137 10.3 8.6 13.0
54 12.6 8.9 13.3
68 5.5 5.6 8.4#



#23
Nitrobenzene-d5
Concen: 90.383 ng
RT: 8.976 min Scan# 1002
Delta R.T. -0.005 min
Lab File: BG058755.D
Acq: 17 Aug 2023 9:50

Tgt Ion: 82 Resp: 201767
Ion Ratio Lower Upper
82 100
128 39.8 32.2 48.2
54 63.6 46.0 69.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.458 min Scan# 1935

Delta R.T. -0.005 min

Lab File: BG058755.D

Acq: 17 Aug 2023 9:50

Instrument :

BNA_G

ClientSampleId :

PB154864BL

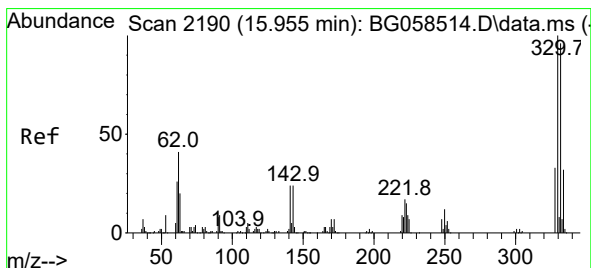
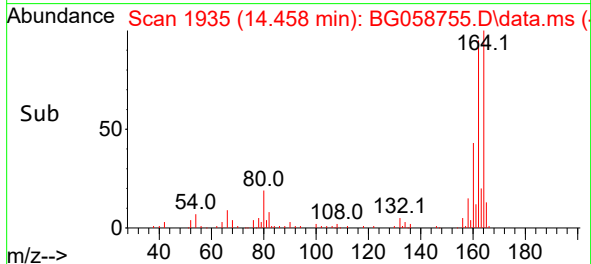
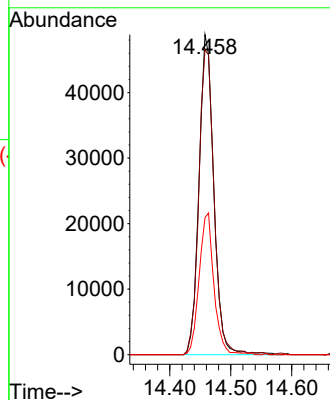
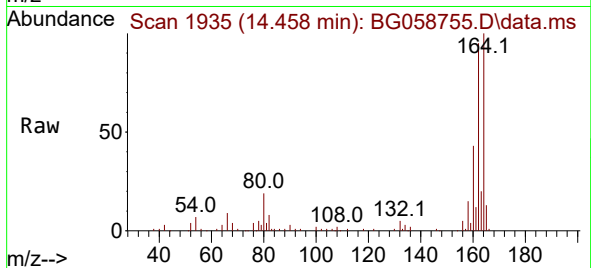
Tgt Ion:164 Resp: 82088

Ion Ratio Lower Upper

164 100

162 95.3 78.3 117.5

160 42.8 34.1 51.1



#42

2,4,6-Tribromophenol

Concen: 128.660 ng

RT: 15.950 min Scan# 2189

Delta R.T. -0.005 min

Lab File: BG058755.D

Acq: 17 Aug 2023 9:50

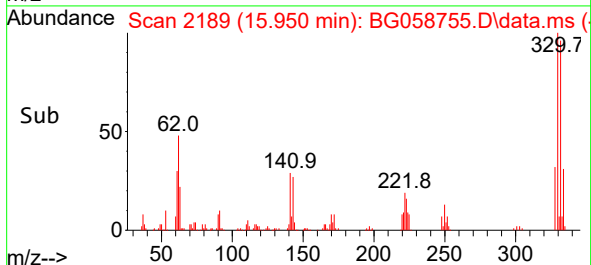
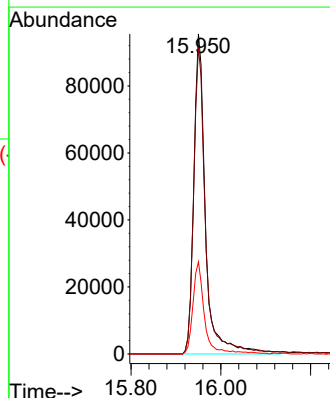
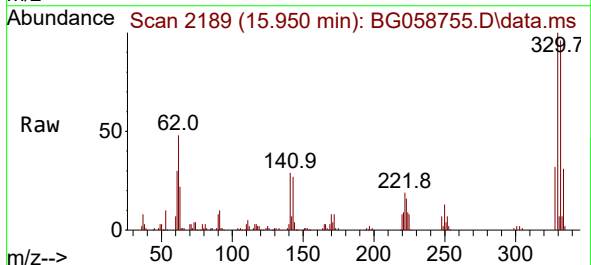
Tgt Ion:330 Resp: 173109

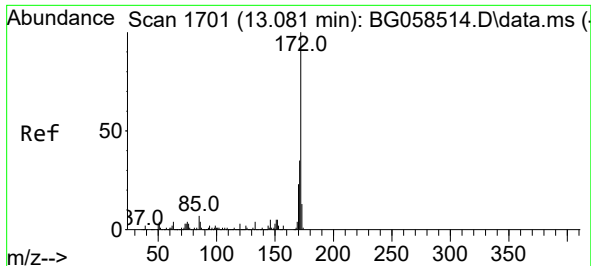
Ion Ratio Lower Upper

330 100

332 96.8 77.5 116.3

141 28.4 20.7 31.1

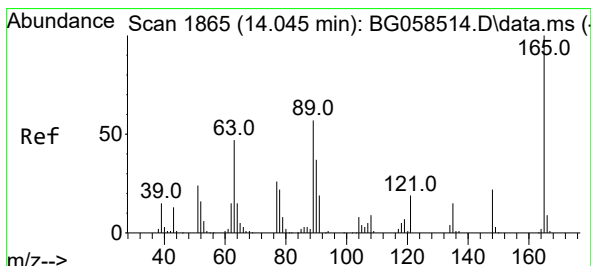
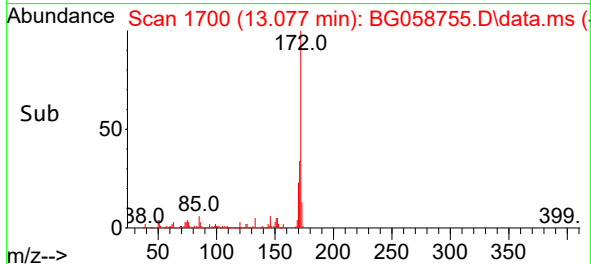
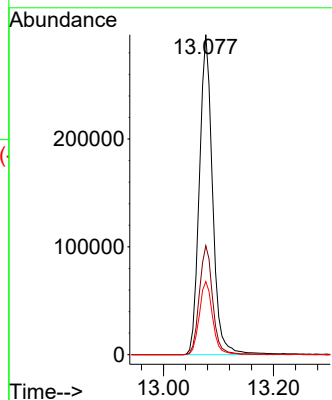
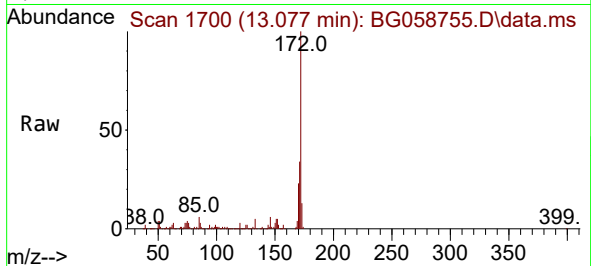




#45
2-Fluorobiphenyl
Concen: 90.290 ng
RT: 13.077 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG058755.D
Acq: 17 Aug 2023 9:50

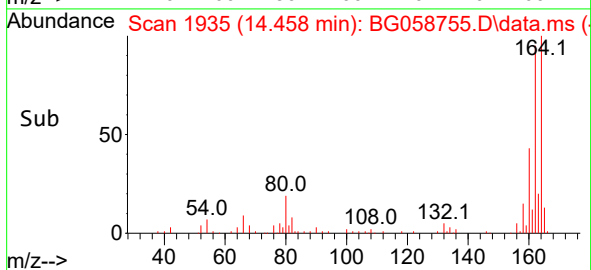
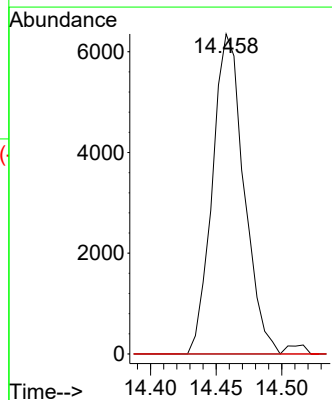
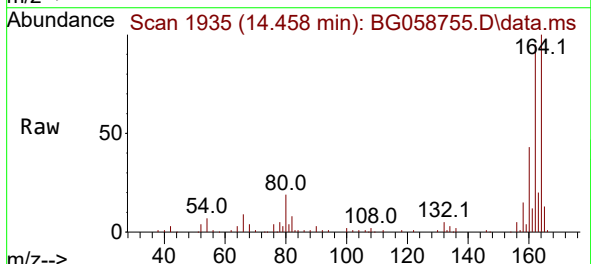
Instrument :
BNA_G
ClientSampleId :
PB154864BL

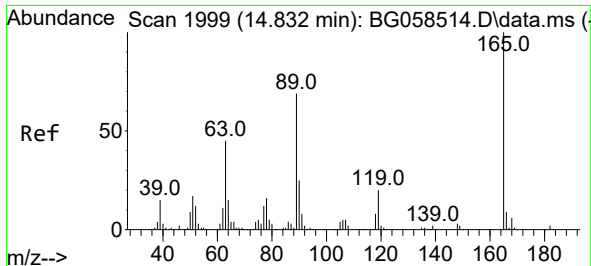
Tgt Ion:172 Resp: 494581
Ion Ratio Lower Upper
172 100
171 34.0 28.0 42.0
170 22.9 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 7.852 ng
RT: 14.458 min Scan# 1935
Delta R.T. 0.413 min
Lab File: BG058755.D
Acq: 17 Aug 2023 9:50

Tgt Ion:165 Resp: 10622
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: 5.664 ng

RT: 14.458 min Scan# 1999

Delta R.T. -0.374 min

Lab File: BG058755.D

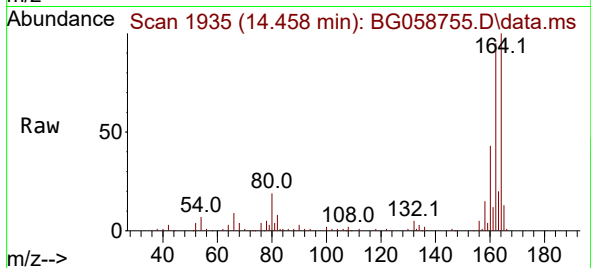
Acq: 17 Aug 2023 9:50

Instrument :

BNA_G

ClientSampleId :

PB154864BL



Tgt Ion:165 Resp: 10622

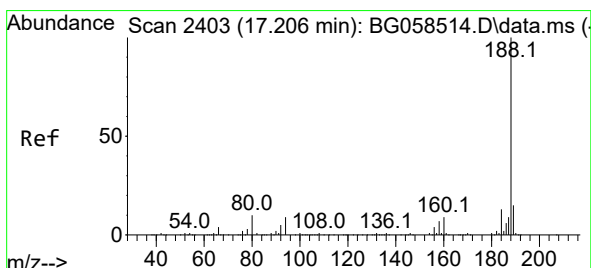
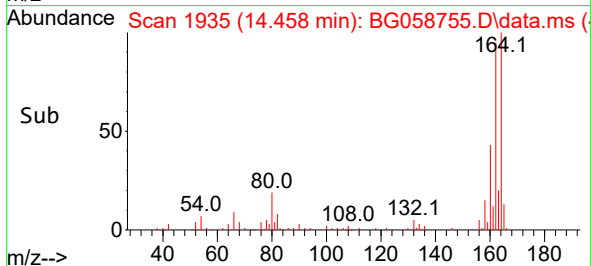
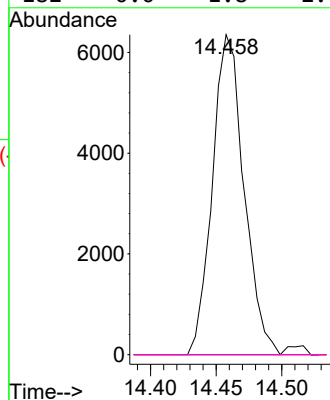
Ion Ratio Lower Upper

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: BG058755.D

Acq: 17 Aug 2023 9:50

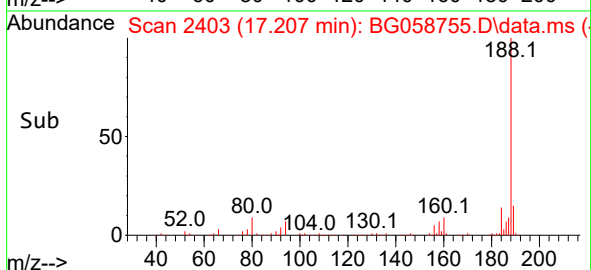
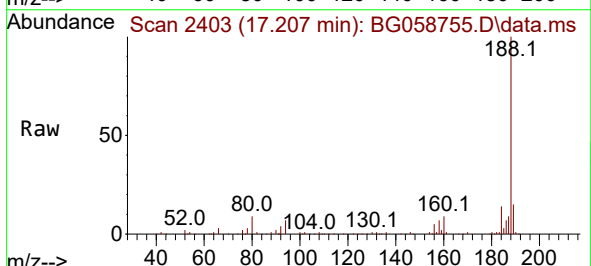
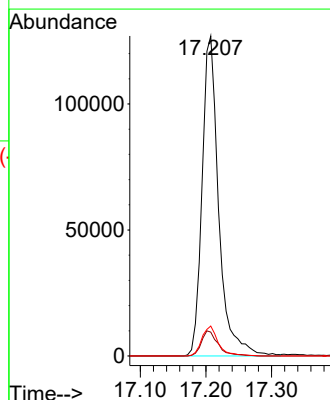
Tgt Ion:188 Resp: 223942

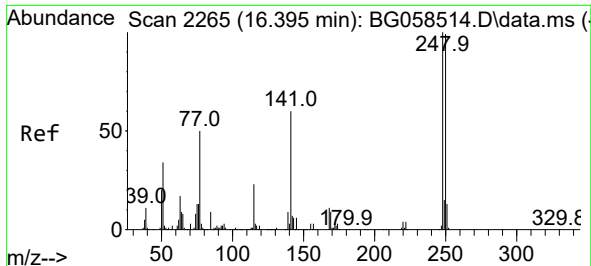
Ion Ratio Lower Upper

188 100

94 7.4 7.0 10.6

80 9.3 8.1 12.1

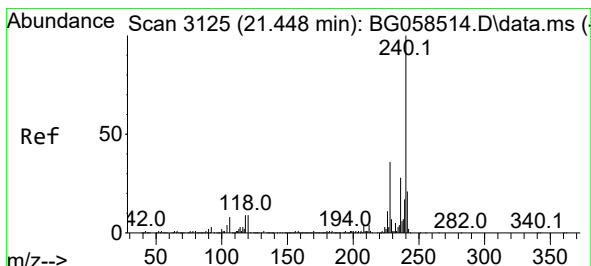
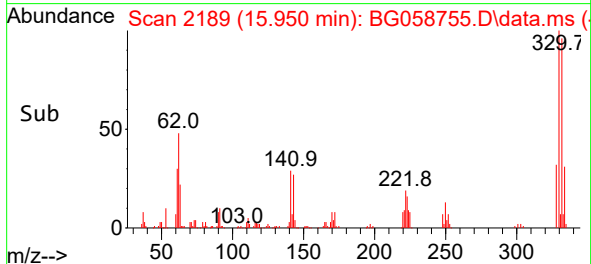
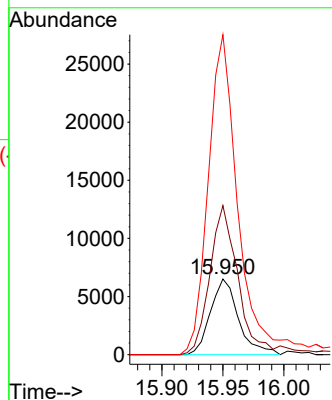
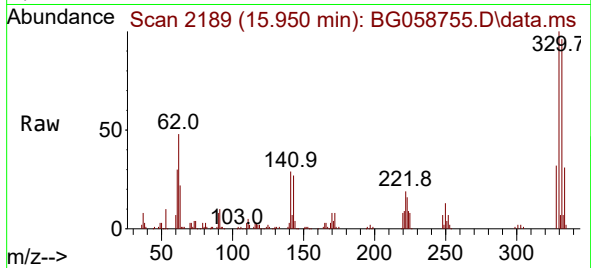




#67
4-Bromophenyl-phenylether
Concen: 4.102 ng
RT: 15.950 min Scan# 2189
Delta R.T. -0.445 min
Lab File: BG058755.D
Acq: 17 Aug 2023 9:50

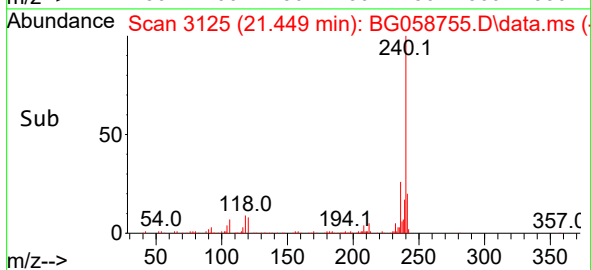
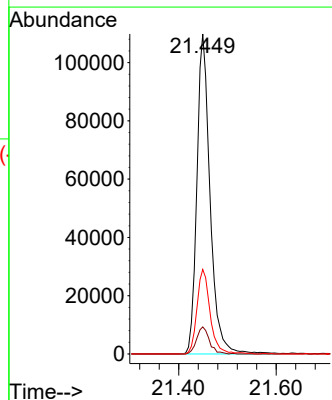
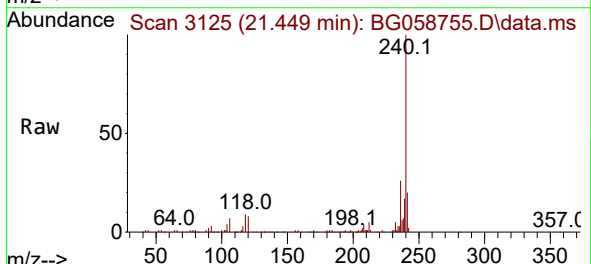
Instrument :
BNA_G
ClientSampleId :
PB154864BL

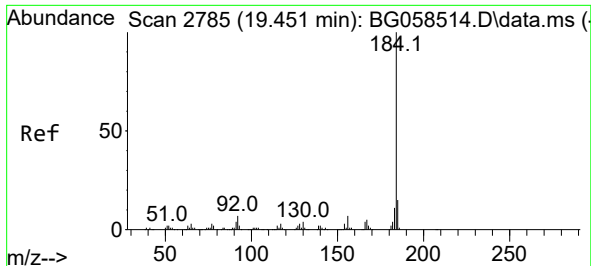
Tgt Ion:248 Resp: 10419
Ion Ratio Lower Upper
248 100
250 197.1 79.5 119.3#
141 423.0 48.2 72.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 3125
Delta R.T. 0.001 min
Lab File: BG058755.D
Acq: 17 Aug 2023 9:50

Tgt Ion:240 Resp: 207083
Ion Ratio Lower Upper
240 100
120 8.5 7.4 11.0
236 26.4 22.2 33.4

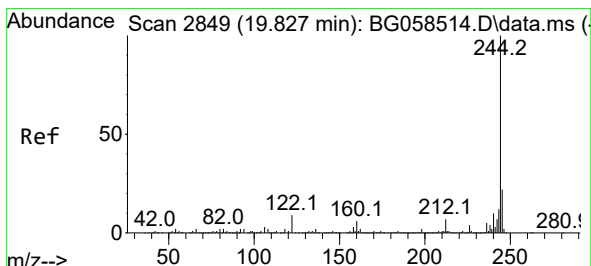
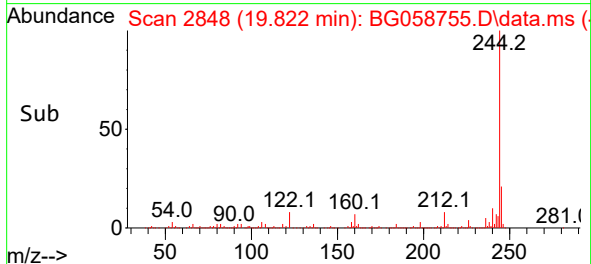
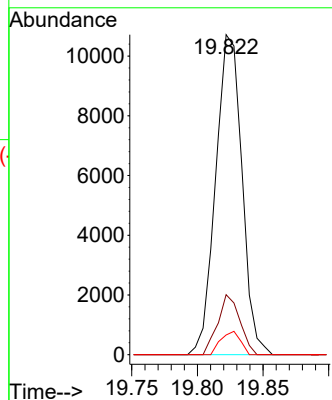
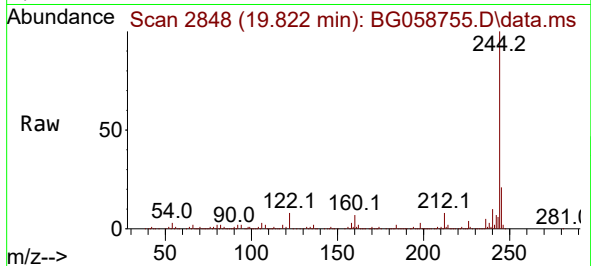




#77
Benzidine
Concen: 4.751 ng
RT: 19.822 min Scan# 21
Delta R.T. 0.371 min
Lab File: BG058755.D
Acq: 17 Aug 2023 9:50

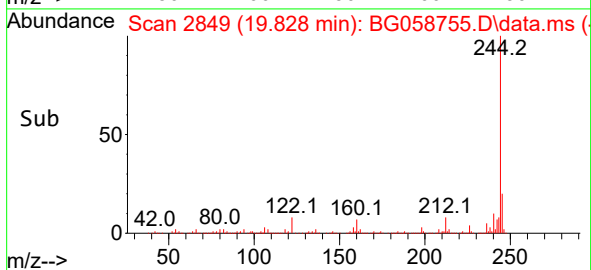
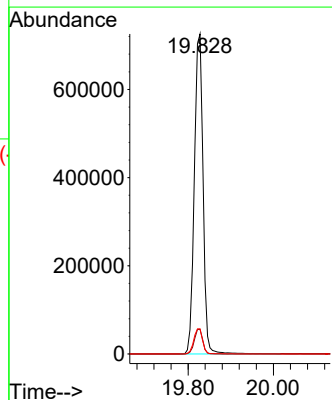
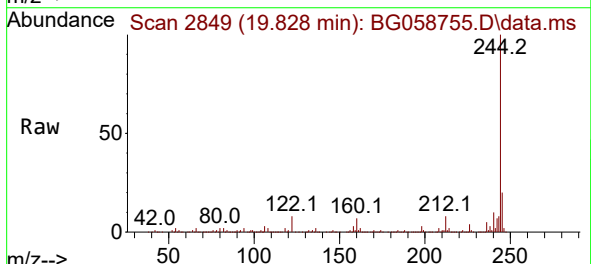
Instrument :
BNA_G
ClientSampleId :
PB154864BL

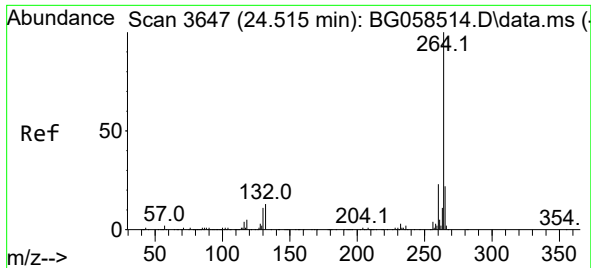
Tgt Ion:184 Resp: 14920
Ion Ratio Lower Upper
184 100
185 18.7 11.9 17.9#
183 6.2 8.7 13.1#



#79
Terphenyl-d14
Concen: 93.642 ng
RT: 19.828 min Scan# 2849
Delta R.T. 0.001 min
Lab File: BG058755.D
Acq: 17 Aug 2023 9:50

Tgt Ion:244 Resp: 1031187
Ion Ratio Lower Upper
244 100
212 7.7 5.9 8.9
122 7.8 6.8 10.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.528 min Scan# 30
 Delta R.T. 0.013 min
 Lab File: BG058755.D
 Acq: 17 Aug 2023 9:50

Instrument :
 BNA_G
 ClientSampleId :
 PB154864BL

Tgt Ion:264 Resp: 242383
 Ion Ratio Lower Upper
 264 100
 260 22.3 18.4 27.6
 265 21.8 17.9 26.9

