

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081423\
 Data File : BG058715.D
 Acq On : 14 Aug 2023 9:34
 Operator : MA/JU
 Sample : PB154564BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154564BL

Quant Time: Aug 14 13:32:56 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)

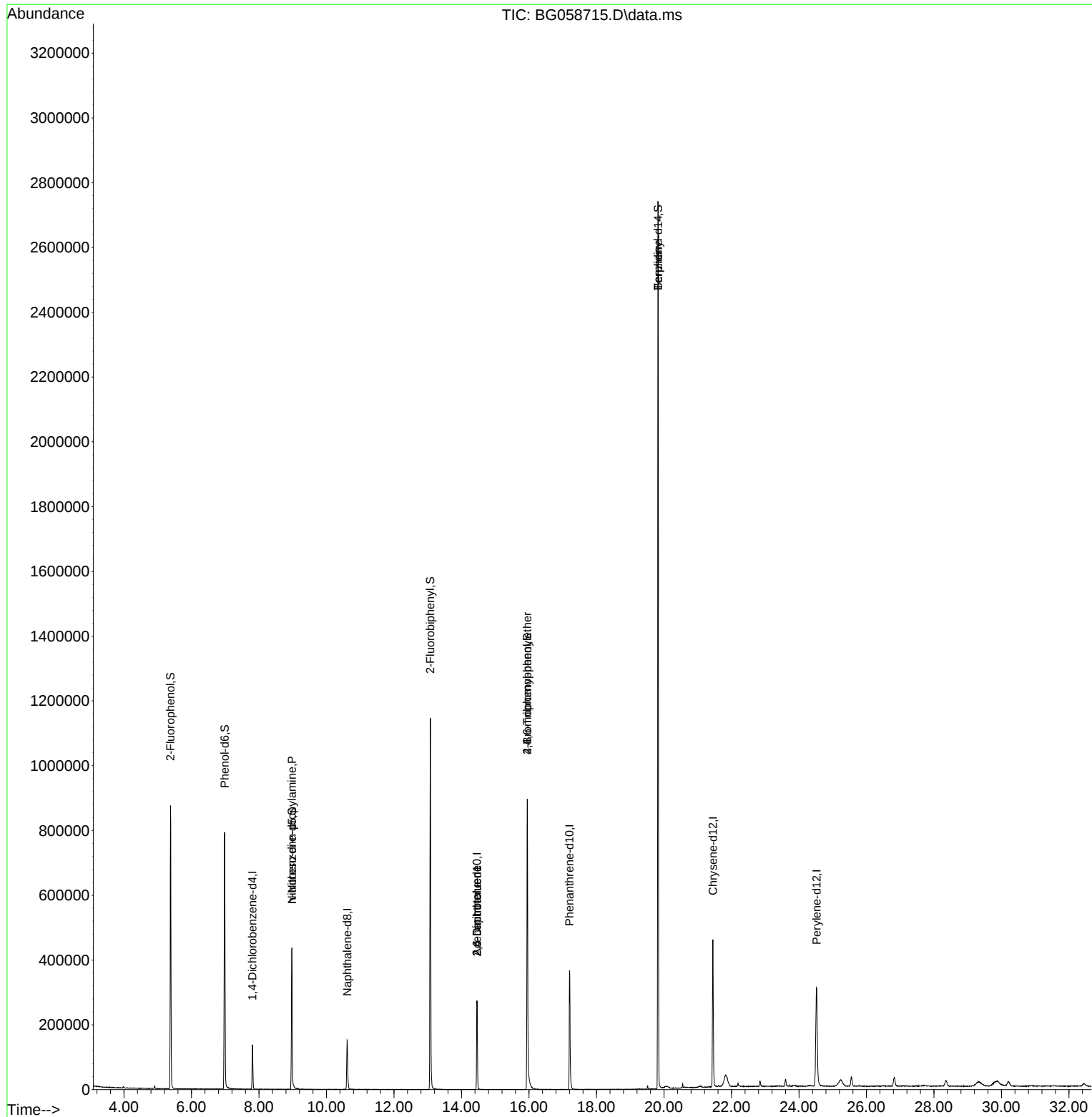
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.807	152	37757	20.000	ng	0.00
21) Naphthalene-d8	10.615	136	155620	20.000	ng	0.00
39) Acenaphthene-d10	14.458	164	108185	20.000	ng	0.00
64) Phenanthrene-d10	17.202	188	283987	20.000	ng	0.00
76) Chrysene-d12	21.450	240	304819	20.000	ng	0.00
86) Perylene-d12	24.523	264	376476	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.380	112	366937	148.541	ng	0.00
7) Phenol-d6	6.984	99	486641	141.575	ng	0.00
23) Nitrobenzene-d5	8.976	82	288569	91.094	ng	0.00
42) 2,4,6-Tribromophenol	15.950	330	236913	133.605	ng	0.00
45) 2-Fluorobiphenyl	13.077	172	679177	94.081	ng	0.00
79) Terphenyl-d14	19.828	244	1536946	94.819	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.976	70	36536	16.456	ng	# 77
51) 2,6-Dinitrotoluene	14.458	165	13933	7.815	ng	# 24
57) 2,4-Dinitrotoluene	14.458	165	13933	5.637	ng	# 24
67) 4-Bromophenyl-phenylether	15.950	248	14199	4.408	ng	# 1
77) Benzidine	19.828	184	19247	4.164	ng	# 95

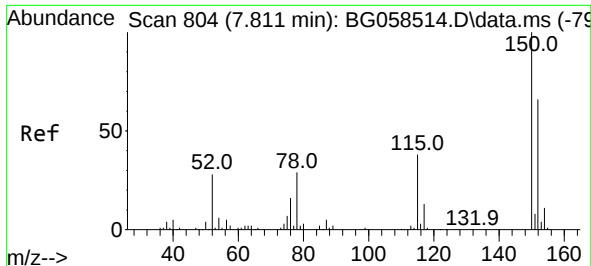
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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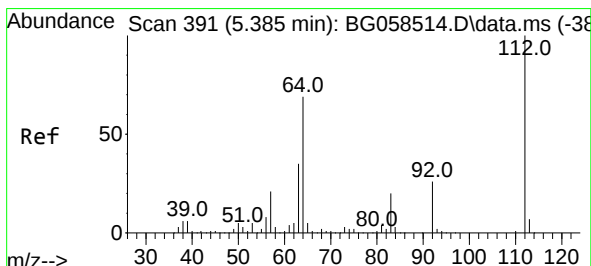
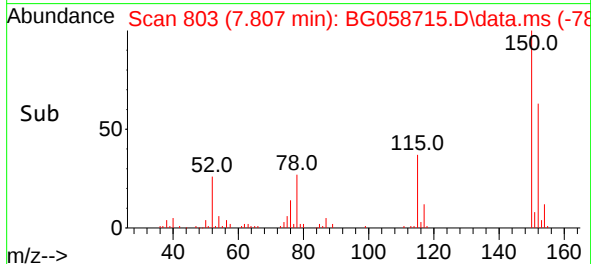
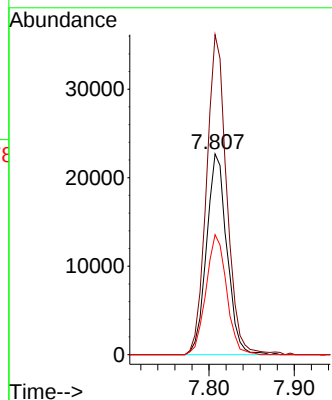
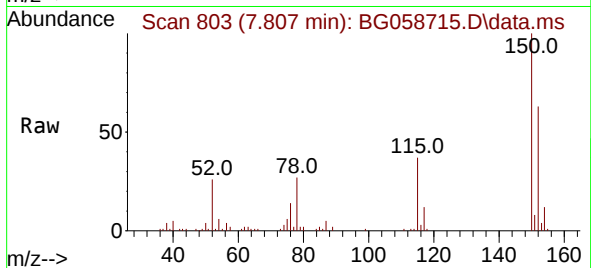




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.807 min Scan# 804
Delta R.T. -0.004 min
Lab File: BG058715.D
Acq: 14 Aug 2023 9:34

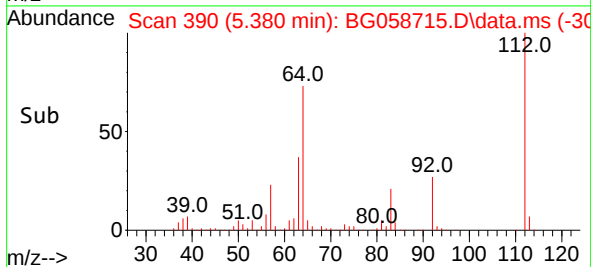
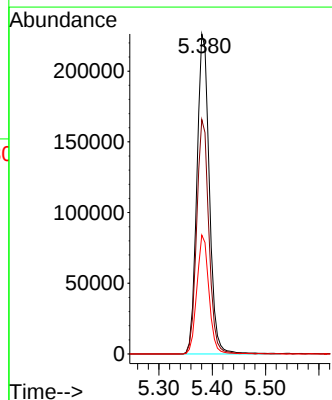
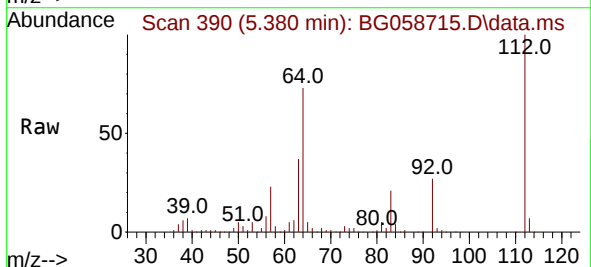
Instrument :
BNA_G
ClientSampleId :
PB154564BL

Tgt Ion:152 Resp: 37757
Ion Ratio Lower Upper
152 100
150 159.4 120.5 180.7
115 59.8 45.9 68.9



#5
2-Fluorophenol
Concen: 148.541 ng
RT: 5.380 min Scan# 390
Delta R.T. -0.004 min
Lab File: BG058715.D
Acq: 14 Aug 2023 9:34

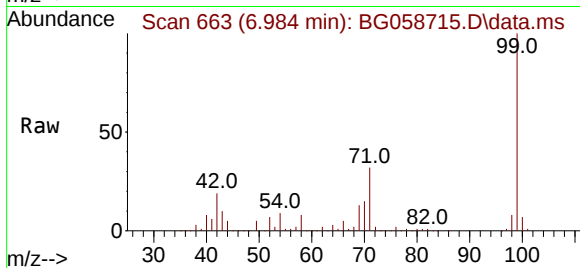
Tgt Ion:112 Resp: 366937
Ion Ratio Lower Upper
112 100
64 73.2 55.3 82.9
63 37.1 28.3 42.5



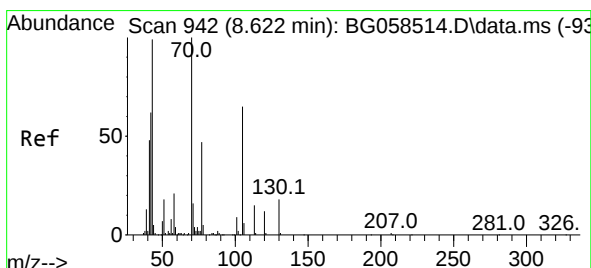
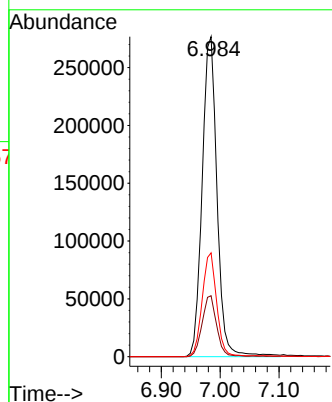
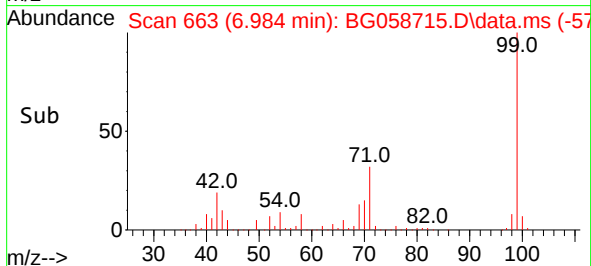


#7
Phenol-d6
Concen: 141.575 ng
RT: 6.984 min Scan# 60
Delta R.T. 0.002 min
Lab File: BG058715.D
Acq: 14 Aug 2023 9:34

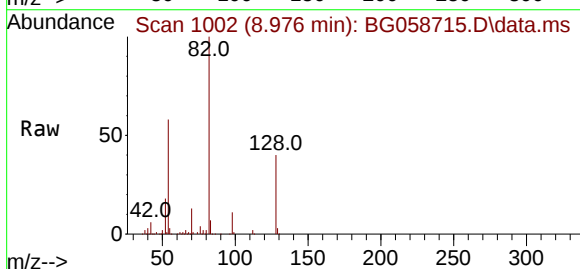
Instrument :
BNA_G
ClientSampleId :
PB154564BL



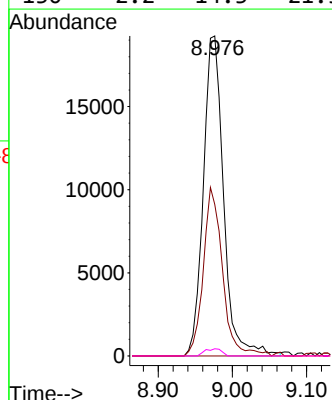
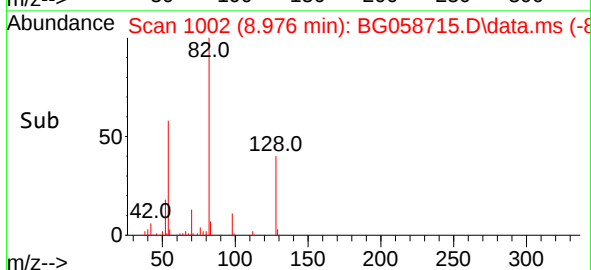
Tgt Ion: 99 Resp: 486641
Ion Ratio Lower Upper
99 100
42 19.1 14.6 21.8
71 32.5 25.0 37.4

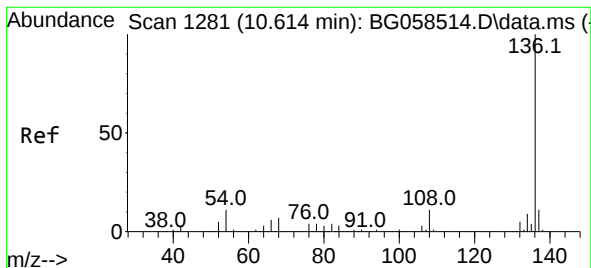


#19
n-Nitroso-di-n-propylamine
Concen: 16.456 ng
RT: 8.976 min Scan# 1002
Delta R.T. 0.354 min
Lab File: BG058715.D
Acq: 14 Aug 2023 9:34



Tgt Ion: 70 Resp: 36536
Ion Ratio Lower Upper
70 100
42 47.3 49.7 74.5#
101 0.0 7.0 10.4#
130 2.2 14.3 21.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.615 min Scan# 11

Delta R.T. 0.002 min

Lab File: BG058715.D

Acq: 14 Aug 2023 9:34

Instrument :

BNA_G

ClientSampleId :

PB154564BL

Tgt Ion:136 Resp: 155620

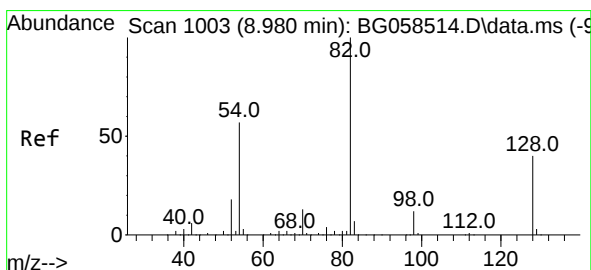
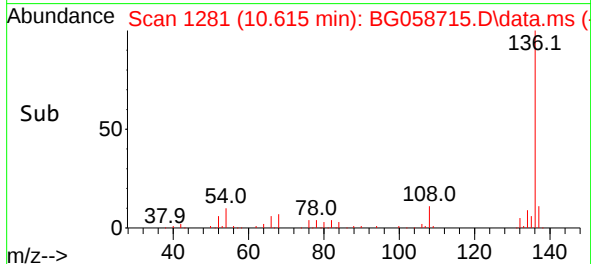
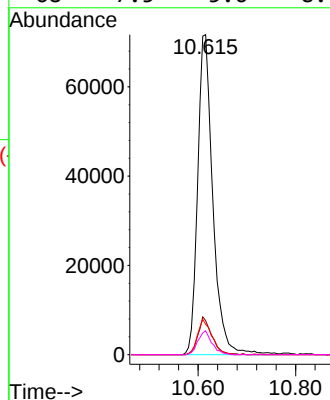
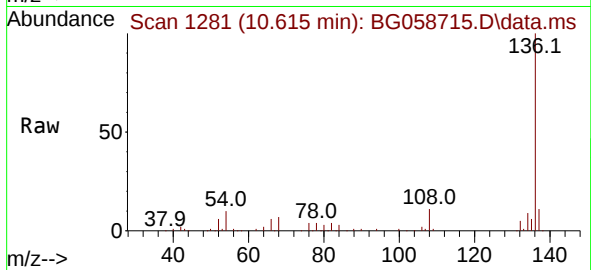
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 9.5 8.9 13.3

68 7.5 5.6 8.4



#23

Nitrobenzene-d5

Concen: 91.094 ng

RT: 8.976 min Scan# 1002

Delta R.T. -0.004 min

Lab File: BG058715.D

Acq: 14 Aug 2023 9:34

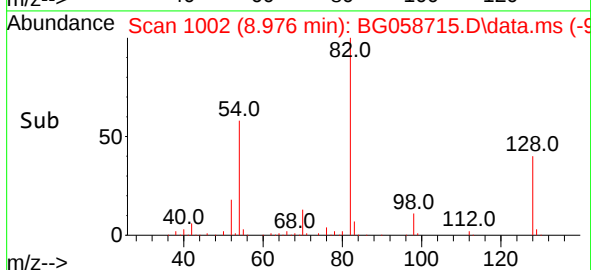
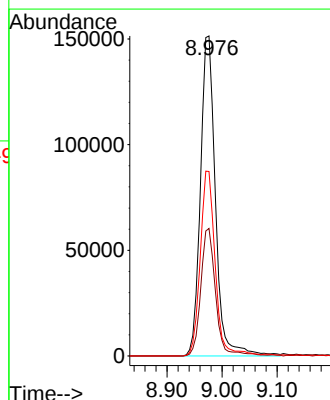
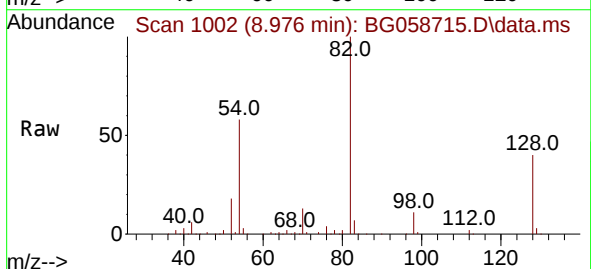
Tgt Ion: 82 Resp: 288569

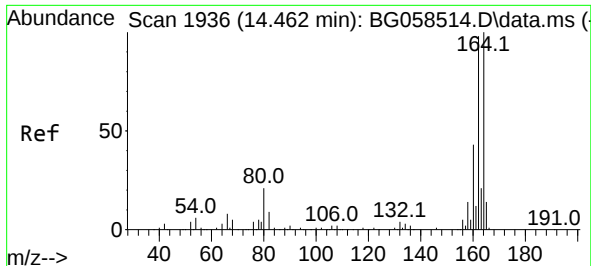
Ion Ratio Lower Upper

82 100

128 39.9 32.2 48.2

54 57.7 46.0 69.0

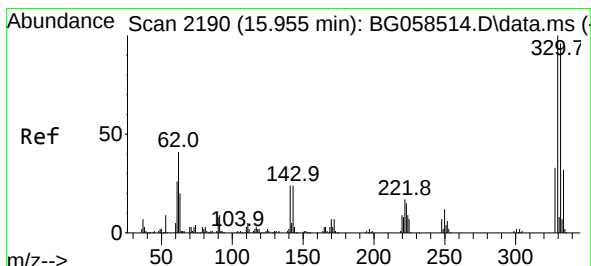
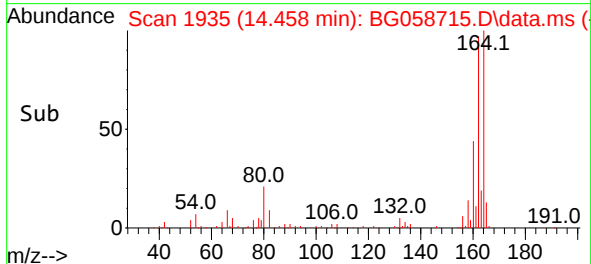
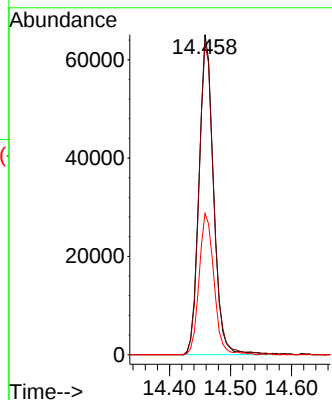
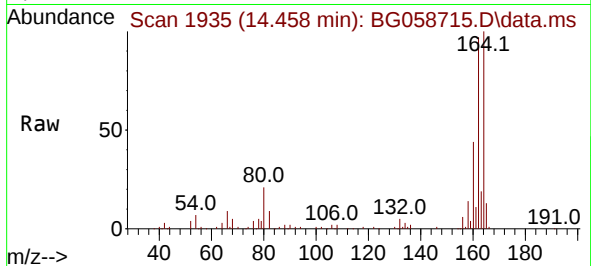




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.458 min Scan# 1935
Delta R.T. -0.004 min
Lab File: BG058715.D
Acq: 14 Aug 2023 9:34

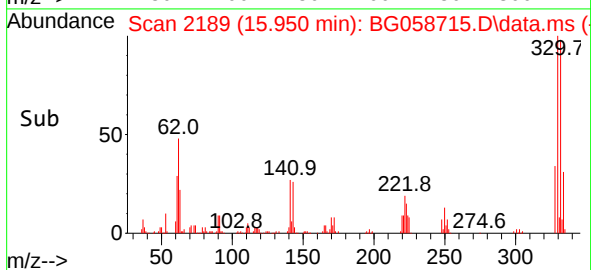
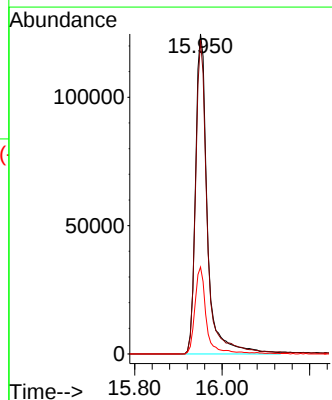
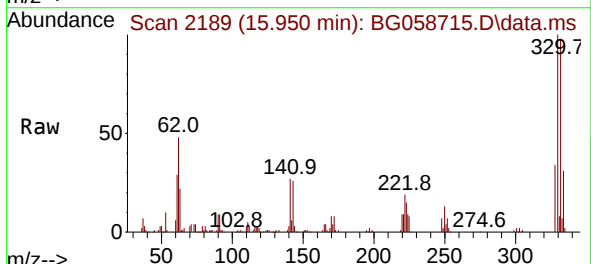
Instrument :
BNA_G
ClientSampleId :
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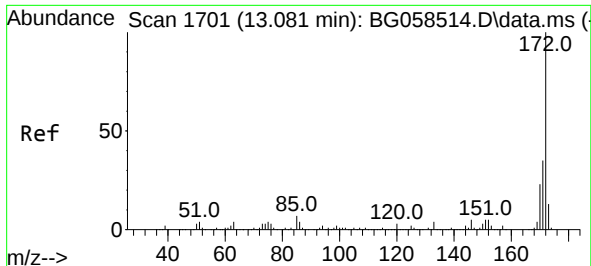
Tgt Ion:164 Resp: 108185
Ion Ratio Lower Upper
164 100
162 97.3 78.3 117.5
160 44.1 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 133.605 ng
RT: 15.950 min Scan# 2189
Delta R.T. -0.004 min
Lab File: BG058715.D
Acq: 14 Aug 2023 9:34

Tgt Ion:330 Resp: 236913
Ion Ratio Lower Upper
330 100
332 96.0 77.5 116.3
141 26.1 20.7 31.1

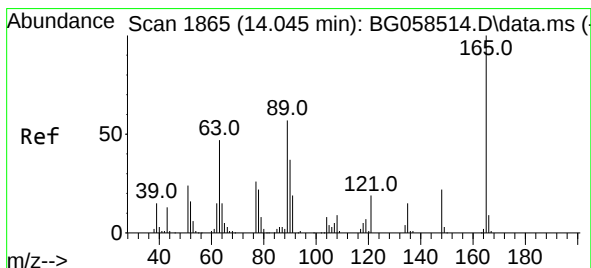
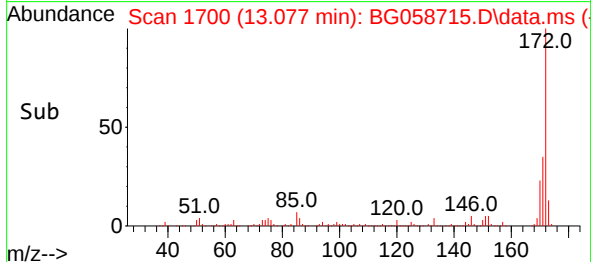
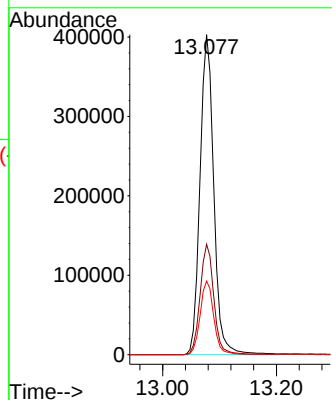
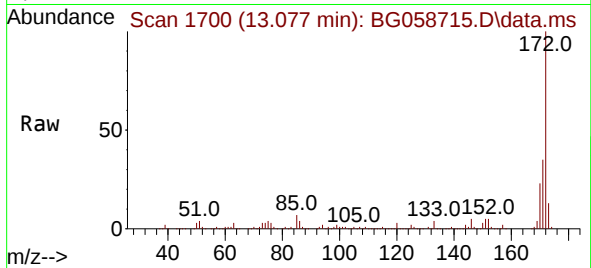




#45
2-Fluorobiphenyl
Concen: 94.081 ng
RT: 13.077 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG058715.D
Acq: 14 Aug 2023 9:34

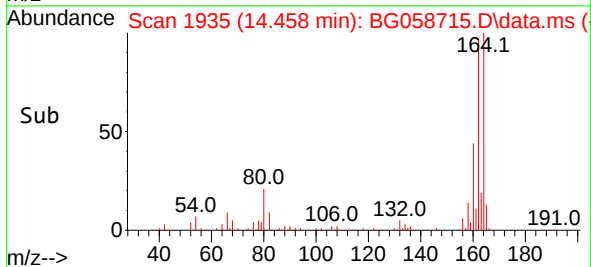
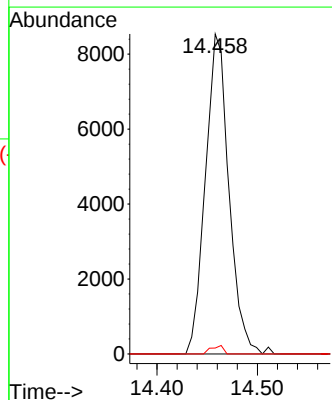
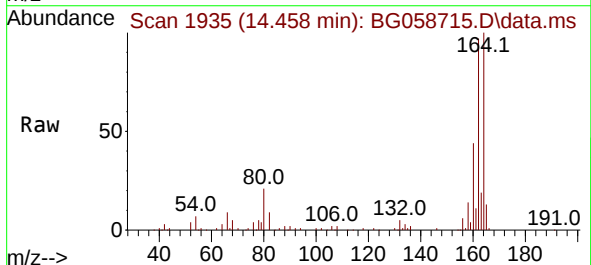
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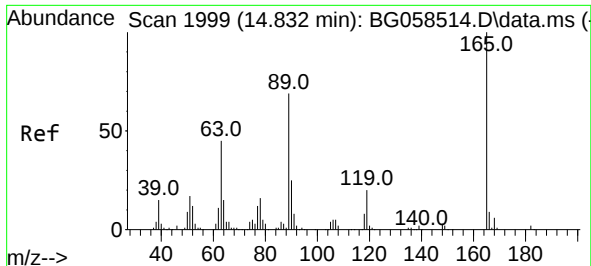
Tgt Ion:172 Resp: 679177
Ion Ratio Lower Upper
172 100
171 34.5 28.0 42.0
170 23.0 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 7.815 ng
RT: 14.458 min Scan# 1935
Delta R.T. 0.413 min
Lab File: BG058715.D
Acq: 14 Aug 2023 9:34

Tgt Ion:165 Resp: 13933
Ion Ratio Lower Upper
165 100
63 0.0 46.4 69.6#
89 1.9 45.3 67.9#

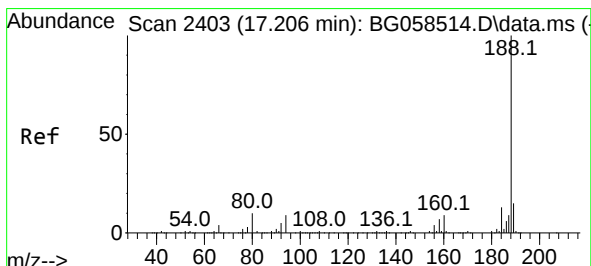
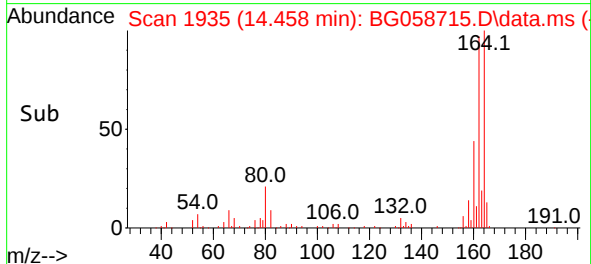
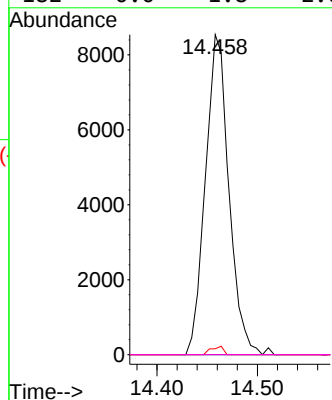
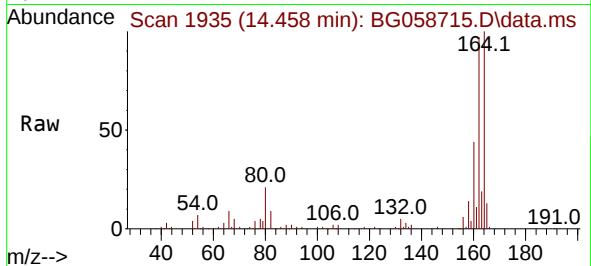




#57
2,4-Dinitrotoluene
Concen: 5.637 ng
RT: 14.458 min Scan# 1935
Delta R.T. -0.374 min
Lab File: BG058715.D
Acq: 14 Aug 2023 9:34

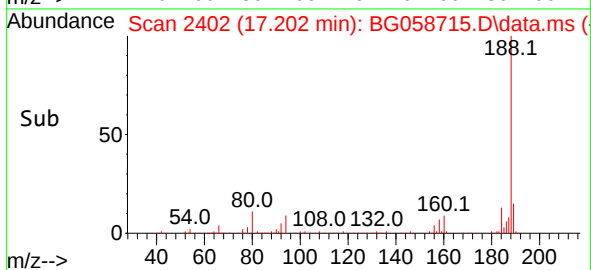
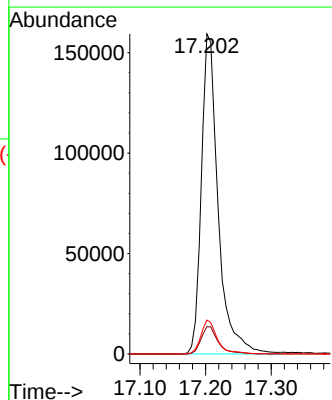
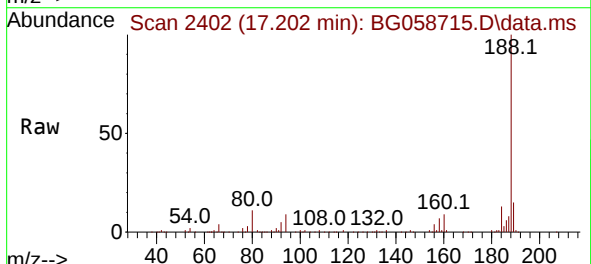
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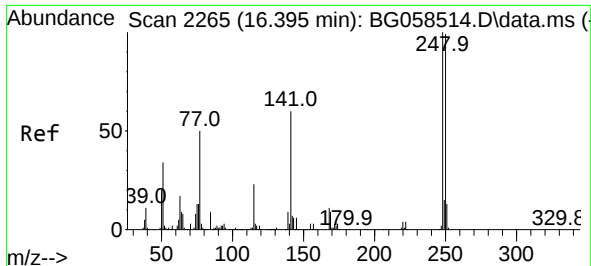
Tgt Ion:165 Resp: 13933
Ion Ratio Lower Upper
165 100
63 0.0 36.6 54.8#
89 1.9 55.4 83.0#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.202 min Scan# 2402
Delta R.T. -0.004 min
Lab File: BG058715.D
Acq: 14 Aug 2023 9:34

Tgt Ion:188 Resp: 283987
Ion Ratio Lower Upper
188 100
94 8.5 7.0 10.6
80 10.6 8.1 12.1

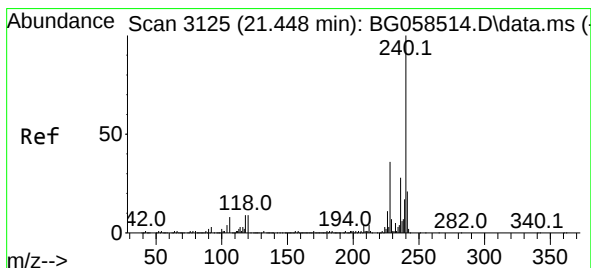
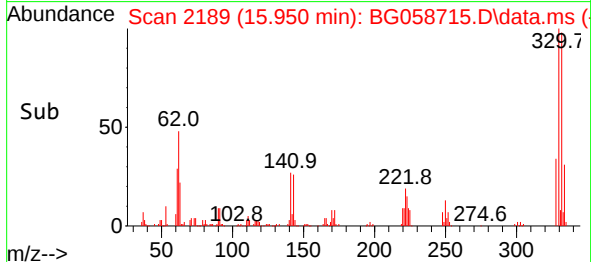
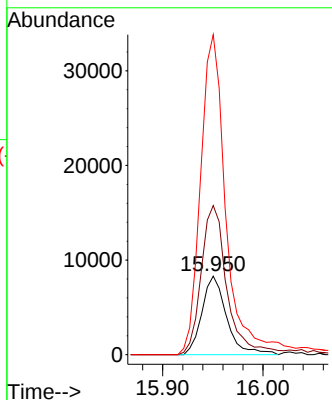
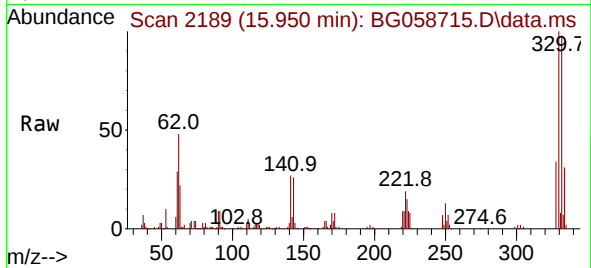




#67
4-Bromophenyl-phenylether
Concen: 4.408 ng
RT: 15.950 min Scan# 2119
Delta R.T. -0.445 min
Lab File: BG058715.D
Acq: 14 Aug 2023 9:34

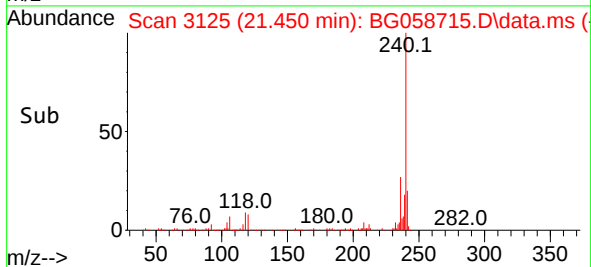
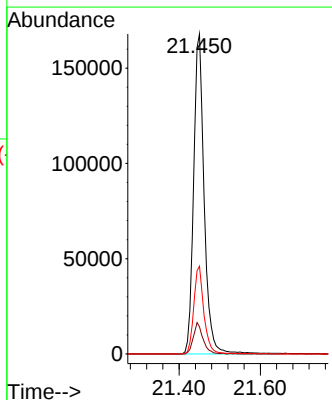
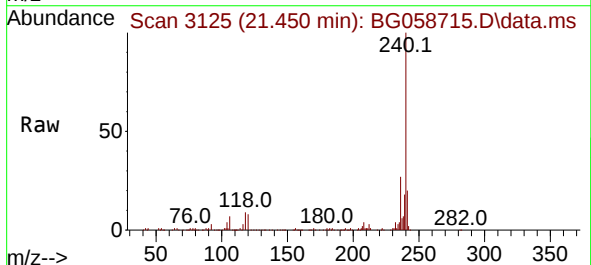
Instrument :
BNA_G
ClientSampleId :
PB154564BL

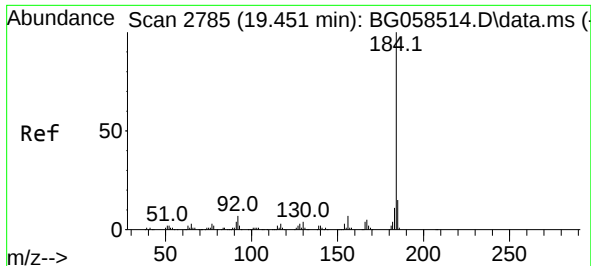
Tgt Ion:248 Resp: 14199
Ion Ratio Lower Upper
248 100
250 189.7 79.5 119.3#
141 407.0 48.2 72.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.450 min Scan# 3125
Delta R.T. 0.002 min
Lab File: BG058715.D
Acq: 14 Aug 2023 9:34

Tgt Ion:240 Resp: 304819
Ion Ratio Lower Upper
240 100
120 8.5 7.4 11.0
236 27.4 22.2 33.4

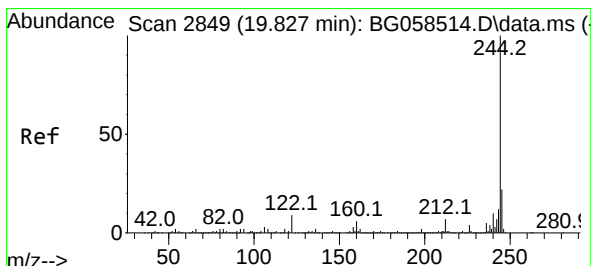
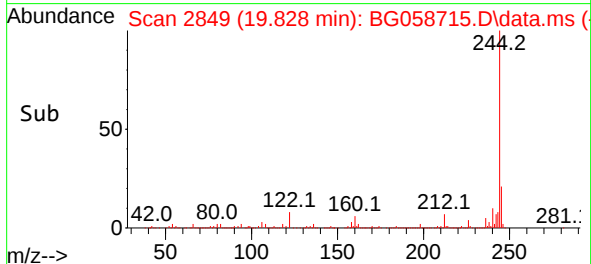
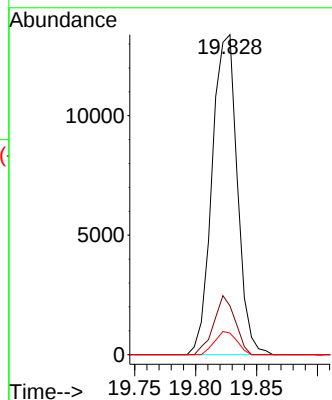
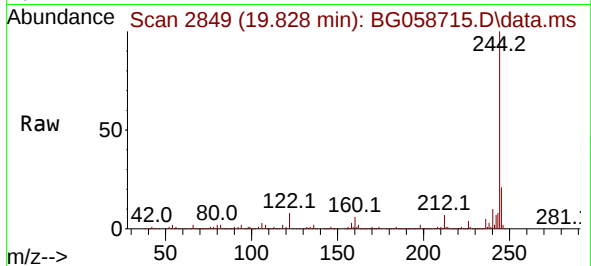




#77
Benzidine
Concen: 4.164 ng
RT: 19.828 min Scan# 21
Delta R.T. 0.378 min
Lab File: BG058715.D
Acq: 14 Aug 2023 9:34

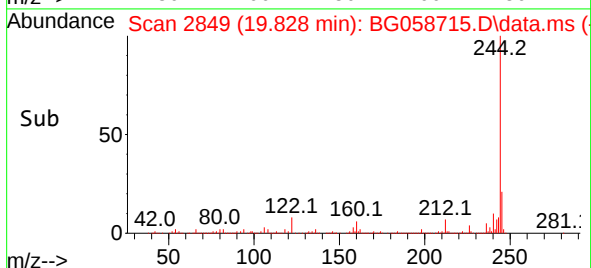
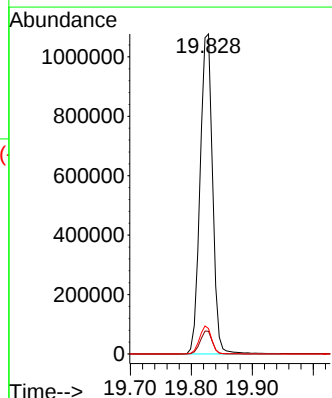
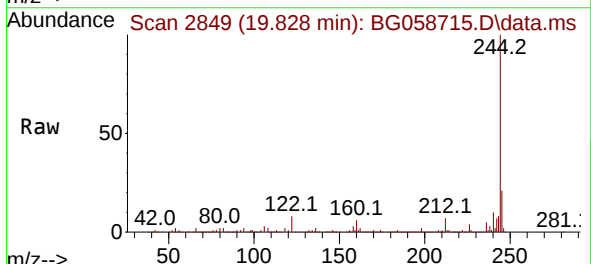
Instrument :
BNA_G
ClientSampleId :
PB154564BL

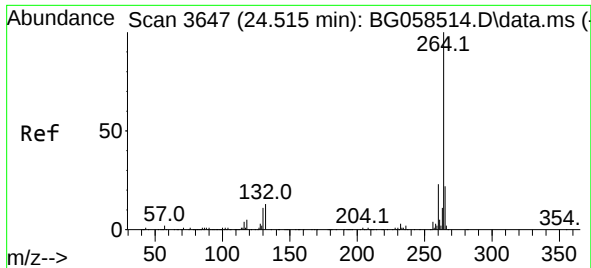
Tgt Ion:184 Resp: 19247
Ion Ratio Lower Upper
184 100
185 15.3 11.9 17.9
183 6.8 8.7 13.1#



#79
Terphenyl-d14
Concen: 94.819 ng
RT: 19.828 min Scan# 2849
Delta R.T. 0.002 min
Lab File: BG058715.D
Acq: 14 Aug 2023 9:34

Tgt Ion:244 Resp: 1536946
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 7.9 6.8 10.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.523 min Scan# 30
 Delta R.T. 0.008 min
 Lab File: BG058715.D
 Acq: 14 Aug 2023 9:34

Instrument :
 BNA_G
 ClientSampleId :
 PB154564BL

Tgt Ion:264 Resp: 376476
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.4 27.6
 265 22.1 17.9 26.9

