

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081123\
 Data File : BG058695.D
 Acq On : 11 Aug 2023 9:03
 Operator : MA/JU
 Sample : PB154756BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154756BL

Quant Time: Aug 11 10:14:34 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)

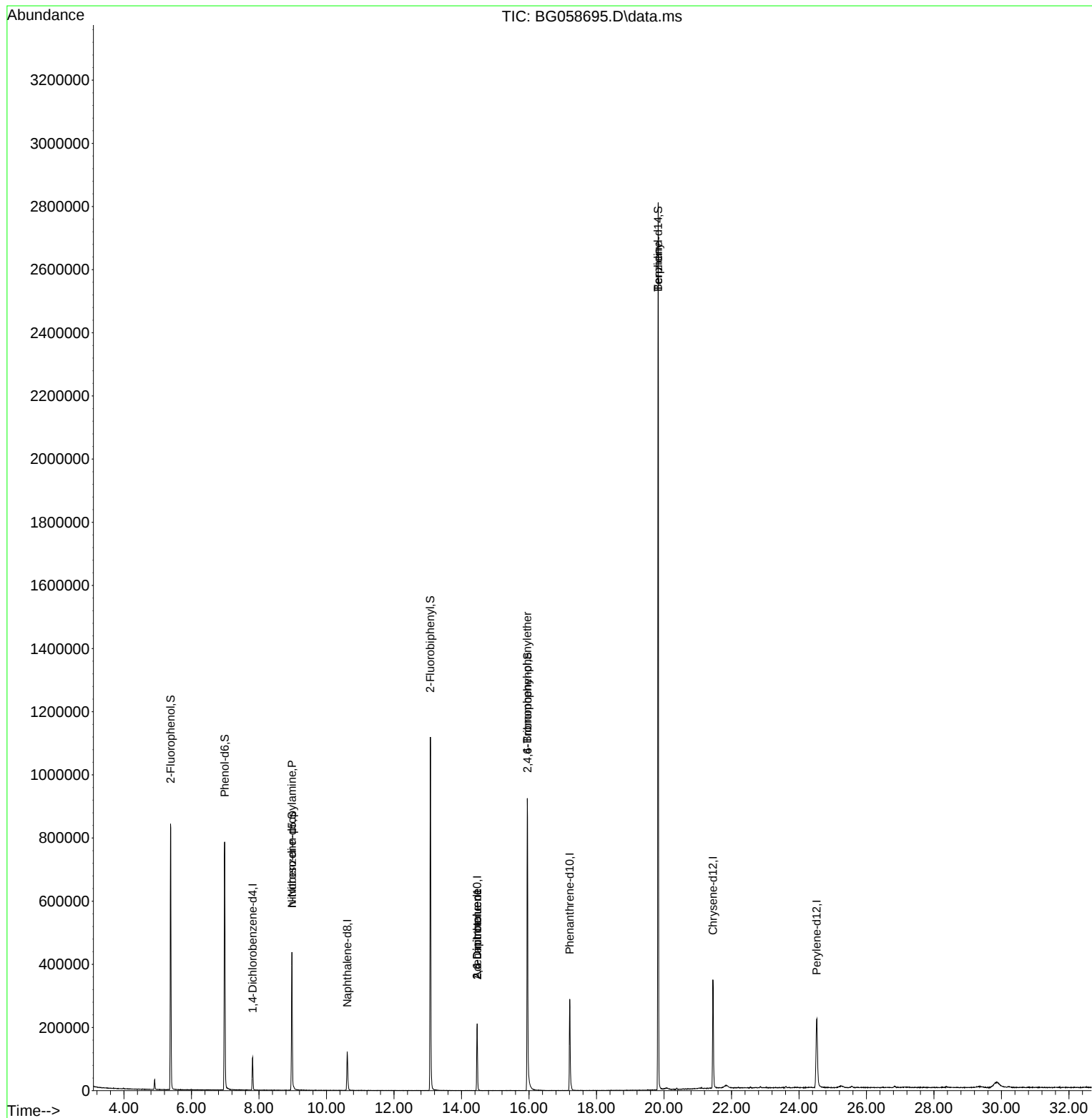
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.813	152	30005	20.000	ng	0.00
21) Naphthalene-d8	10.615	136	121118	20.000	ng	0.00
39) Acenaphthene-d10	14.464	164	87176	20.000	ng	0.00
64) Phenanthrene-d10	17.208	188	230057	20.000	ng	0.00
76) Chrysene-d12	21.450	240	229364	20.000	ng	0.00
86) Perylene-d12	24.522	264	279599	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.386	112	357598	182.161	ng	0.00
7) Phenol-d6	6.984	99	479810	175.651	ng	0.00
23) Nitrobenzene-d5	8.976	82	284169	115.259	ng	0.00
42) 2,4,6-Tribromophenol	15.956	330	233710	163.562	ng	0.00
45) 2-Fluorobiphenyl	13.077	172	664358	114.206	ng	0.00
79) Terphenyl-d14	19.828	244	1487632	121.969	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	8.976	70	35844	20.315	ng	# 82
51) 2,6-Dinitrotoluene	14.464	165	11021	7.672	ng	# 22
57) 2,4-Dinitrotoluene	14.464	165	11021	5.534	ng	# 23
67) 4-Bromophenyl-phenylether	15.950	248	14451	5.538	ng	# 1
77) Benzidine	19.828	184	18395	5.289	ng	# 94

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

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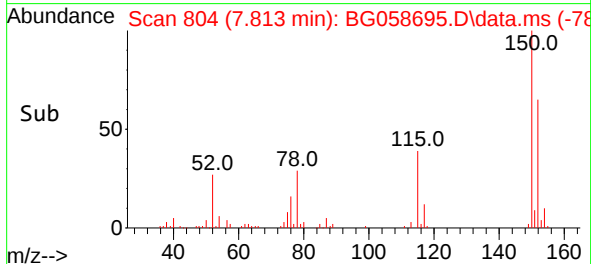
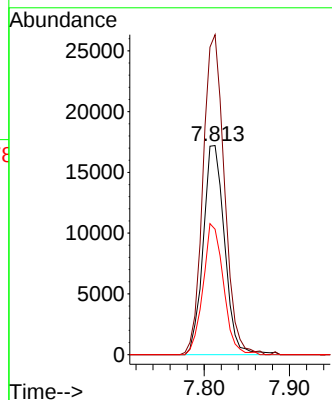
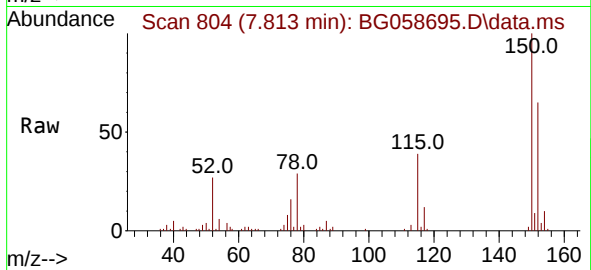




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.813 min Scan# 804
 Delta R.T. 0.002 min
 Lab File: BG058695.D
 Acq: 11 Aug 2023 9:03

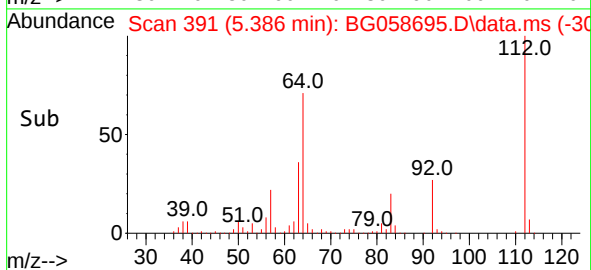
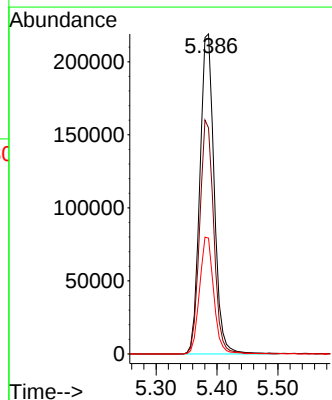
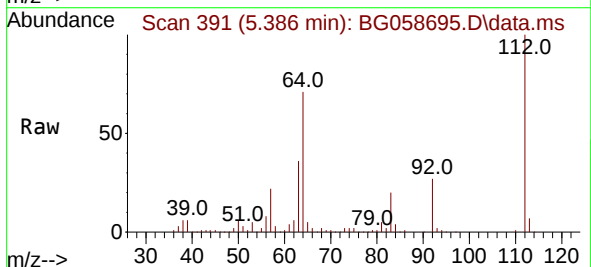
Instrument :
 BNA_G
 ClientSampleId :
 PB154756BL

Tgt Ion:152 Resp: 30005
 Ion Ratio Lower Upper
 152 100
 150 153.0 120.5 180.7
 115 59.9 45.9 68.9



#5
 2-Fluorophenol
 Concen: 182.161 ng
 RT: 5.386 min Scan# 391
 Delta R.T. 0.001 min
 Lab File: BG058695.D
 Acq: 11 Aug 2023 9:03

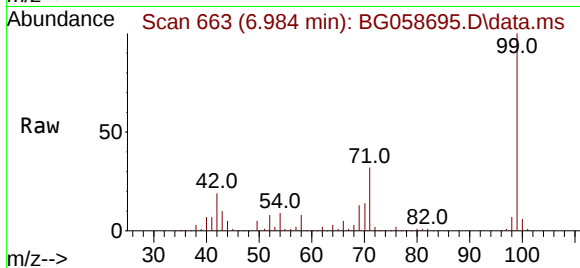
Tgt Ion:112 Resp: 357598
 Ion Ratio Lower Upper
 112 100
 64 70.7 55.3 82.9
 63 36.2 28.3 42.5



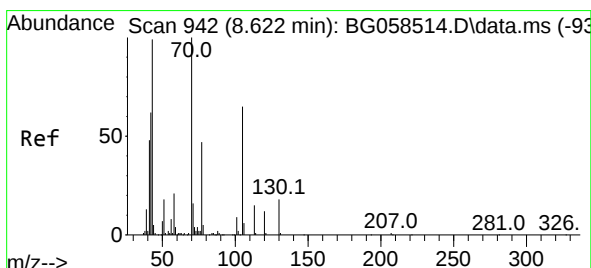
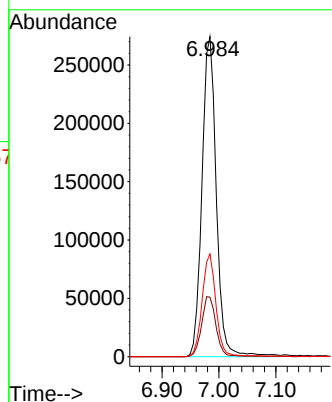
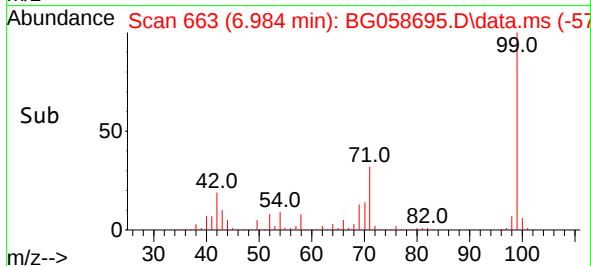


#7
Phenol-d6
Concen: 175.651 ng
RT: 6.984 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG058695.D
Acq: 11 Aug 2023 9:03

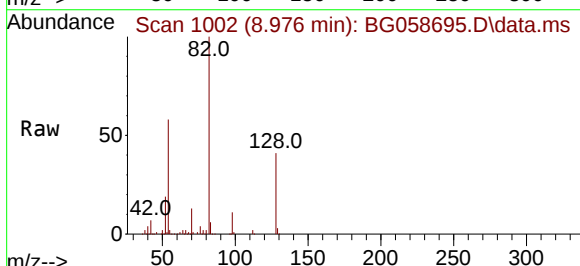
Instrument :
BNA_G
ClientSampleId :
PB154756BL



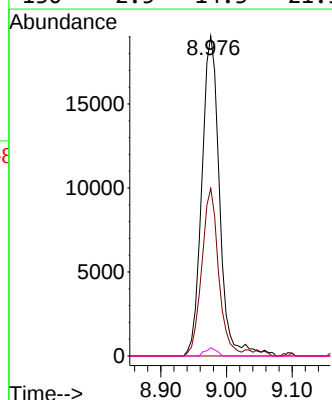
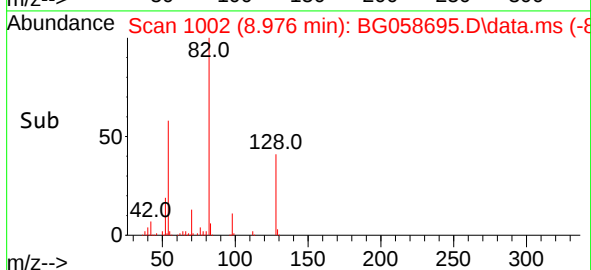
Tgt Ion: 99 Resp: 479810
Ion Ratio Lower Upper
99 100
42 18.6 14.6 21.8
71 32.1 25.0 37.4

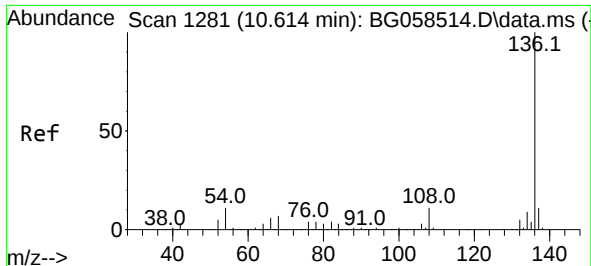


#19
n-Nitroso-di-n-propylamine
Concen: 20.315 ng
RT: 8.976 min Scan# 1002
Delta R.T. 0.354 min
Lab File: BG058695.D
Acq: 11 Aug 2023 9:03



Tgt Ion: 70 Resp: 35844
Ion Ratio Lower Upper
70 100
42 52.3 49.7 74.5
101 0.0 7.0 10.4#
130 2.5 14.3 21.5#

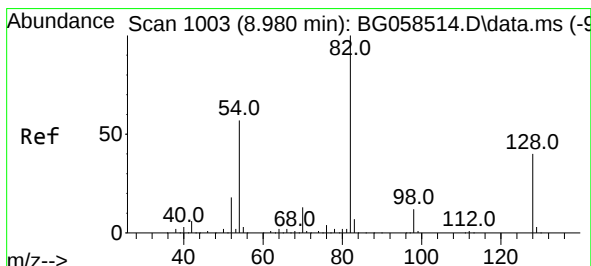
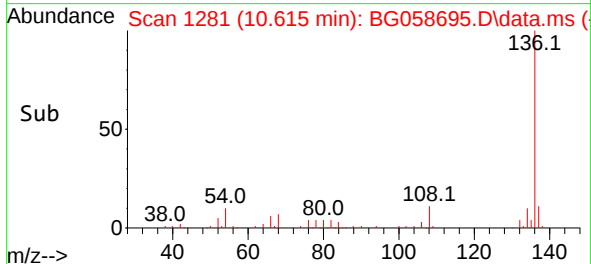
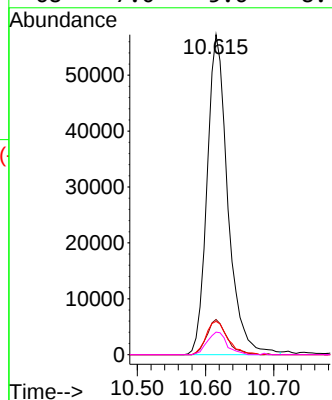
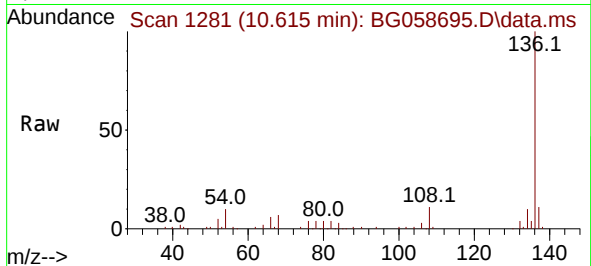




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.615 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG058695.D
Acq: 11 Aug 2023 9:03

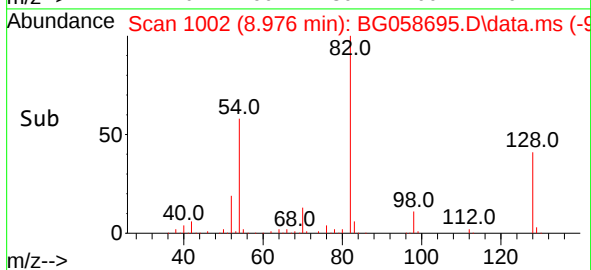
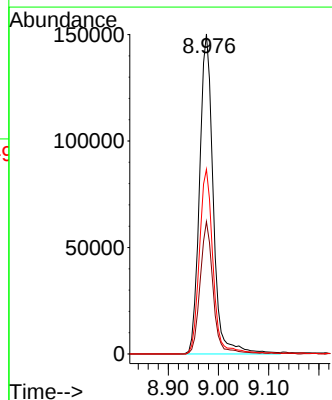
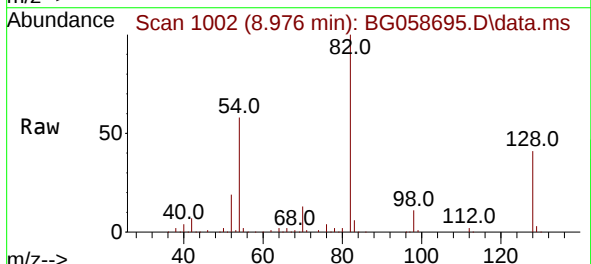
Instrument :
BNA_G
ClientSampleId :
PB154756BL

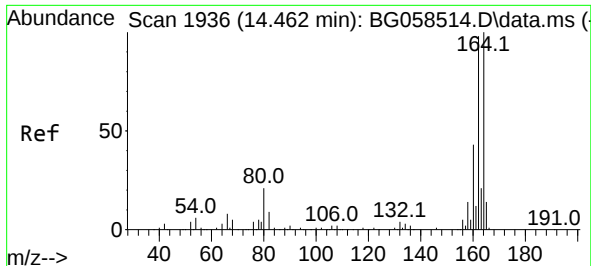
Tgt Ion:	136	Resp:	121118
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.6	13.0
54	10.4	8.9	13.3
68	7.0	5.6	8.4



#23
Nitrobenzene-d5
Concen: 115.259 ng
RT: 8.976 min Scan# 1002
Delta R.T. -0.004 min
Lab File: BG058695.D
Acq: 11 Aug 2023 9:03

Tgt Ion:	82	Resp:	284169
Ion Ratio	Lower	Upper	
82	100		
128	41.3	32.2	48.2
54	57.7	46.0	69.0

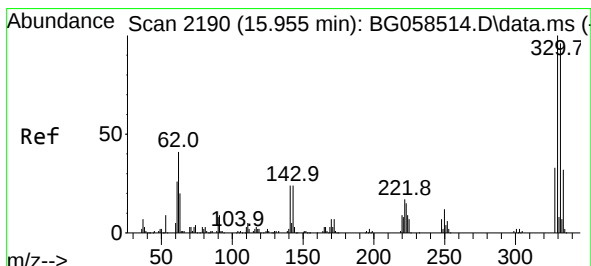
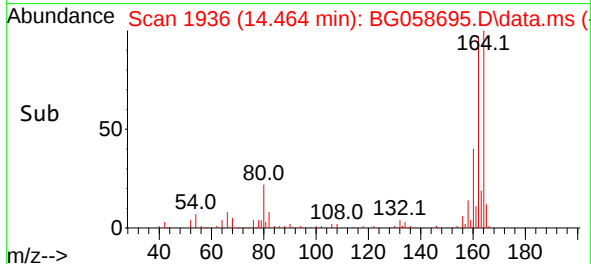
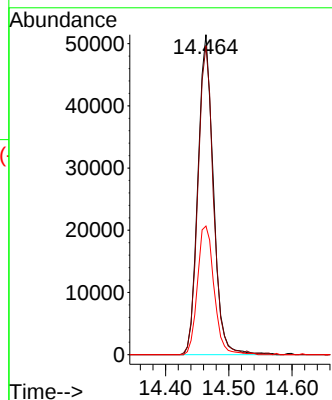
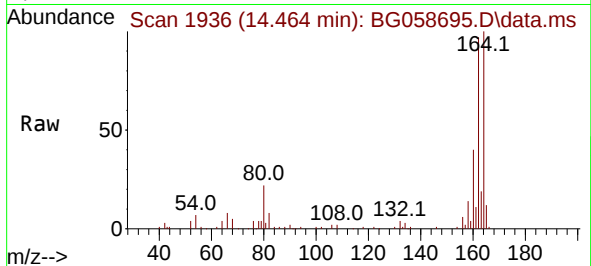




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.464 min Scan# 1936
Delta R.T. 0.001 min
Lab File: BG058695.D
Acq: 11 Aug 2023 9:03

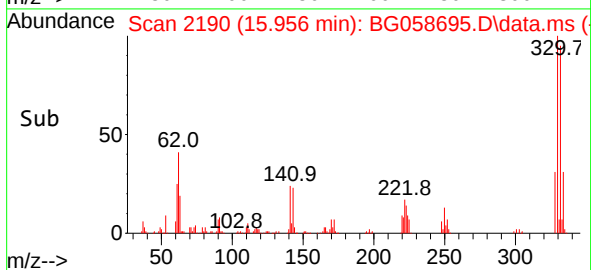
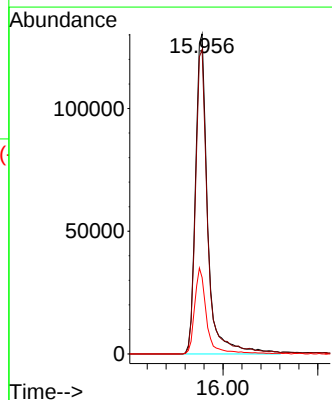
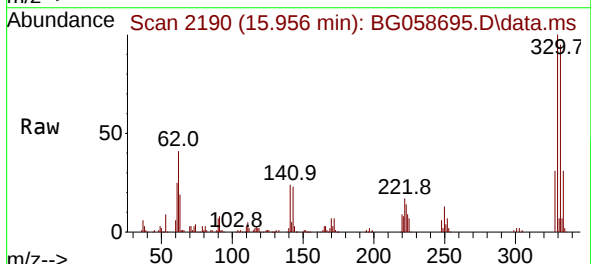
Instrument :
BNA_G
ClientSampleId :
PB154756BL

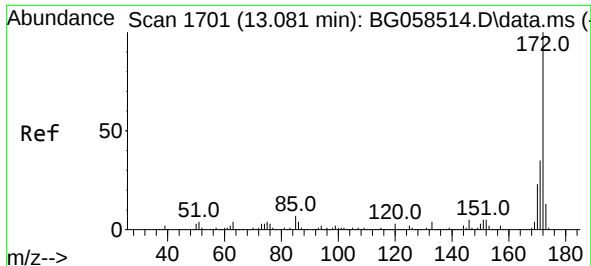
Tgt Ion:164 Resp: 87176
Ion Ratio Lower Upper
164 100
162 96.5 78.3 117.5
160 40.2 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 163.562 ng
RT: 15.956 min Scan# 2190
Delta R.T. 0.001 min
Lab File: BG058695.D
Acq: 11 Aug 2023 9:03

Tgt Ion:330 Resp: 233710
Ion Ratio Lower Upper
330 100
332 96.0 77.5 116.3
141 26.5 20.7 31.1

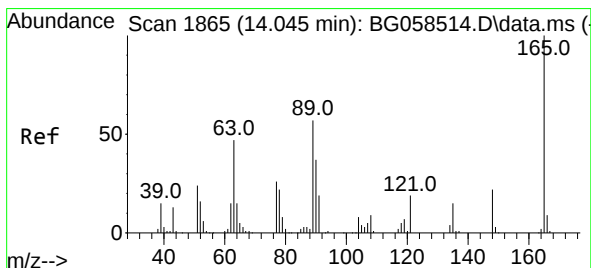
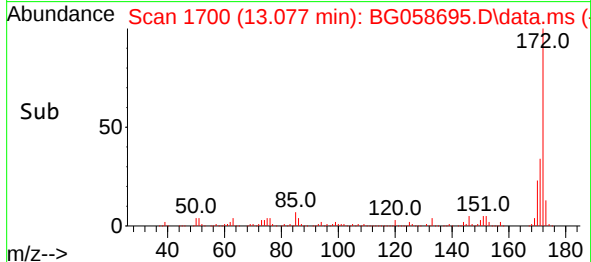
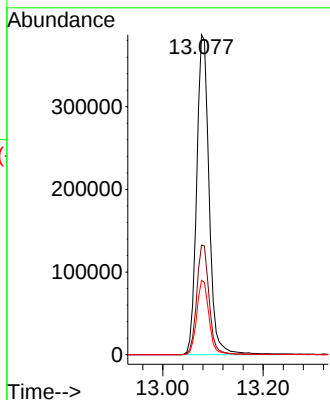
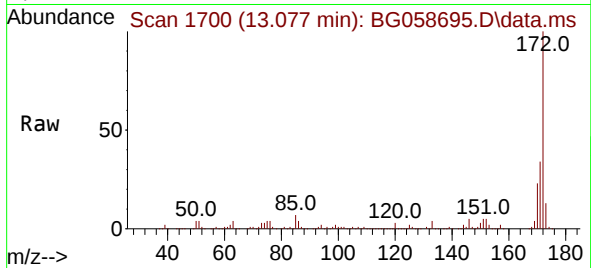




#45
2-Fluorobiphenyl
Concen: 114.206 ng
RT: 13.077 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG058695.D
Acq: 11 Aug 2023 9:03

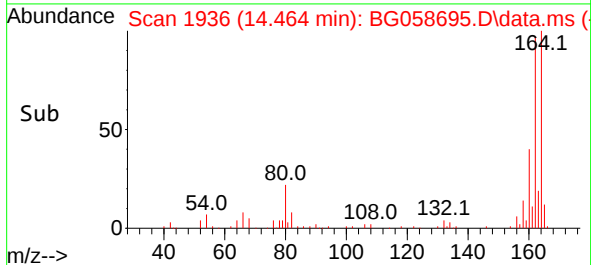
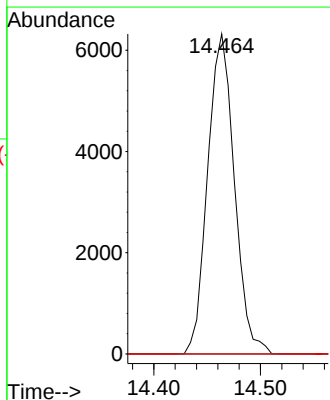
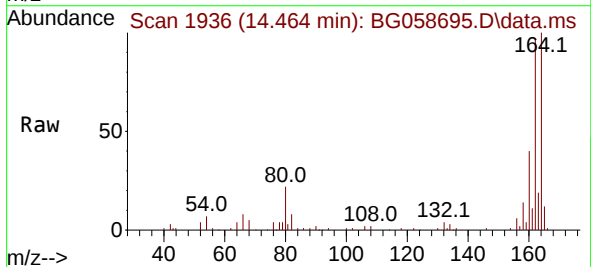
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BNA_G
ClientSampleId :
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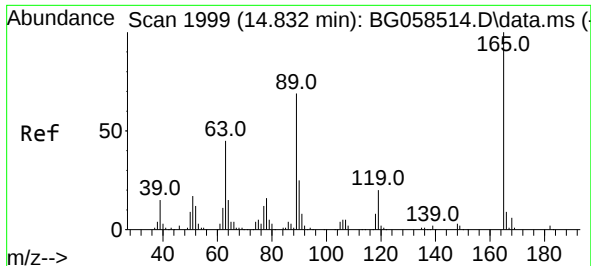
Tgt Ion:172 Resp: 664358
Ion Ratio Lower Upper
172 100
171 34.2 28.0 42.0
170 23.2 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 7.672 ng
RT: 14.464 min Scan# 1936
Delta R.T. 0.419 min
Lab File: BG058695.D
Acq: 11 Aug 2023 9:03

Tgt Ion:165 Resp: 11021
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: 5.534 ng

RT: 14.464 min Scan# 1999

Delta R.T. -0.368 min

Lab File: BG058695.D

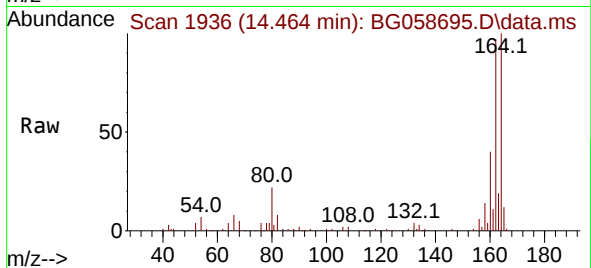
Acq: 11 Aug 2023 9:03

Instrument :

BNA_G

ClientSampleId :

PB154756BL



Tgt Ion:165 Resp: 11021

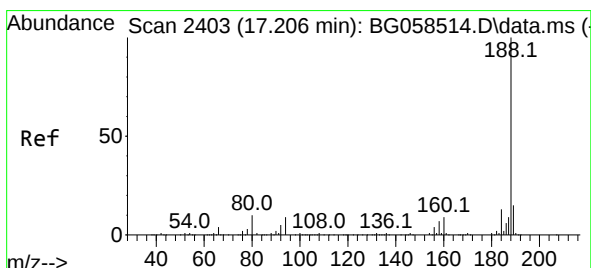
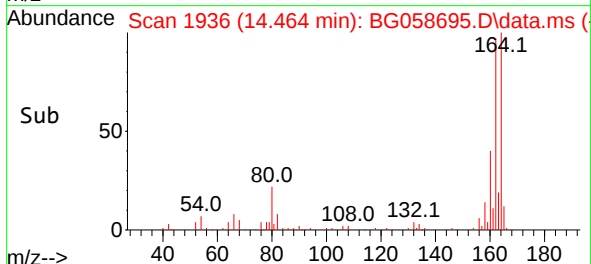
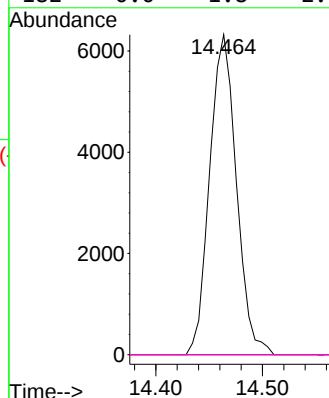
Ion Ratio Lower Upper

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: 17.208 min Scan# 2403

Delta R.T. 0.001 min

Lab File: BG058695.D

Acq: 11 Aug 2023 9:03

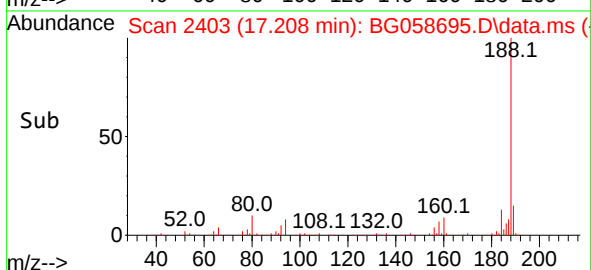
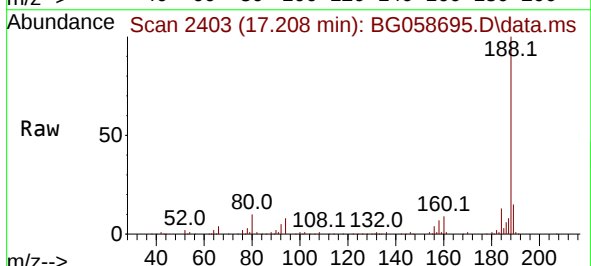
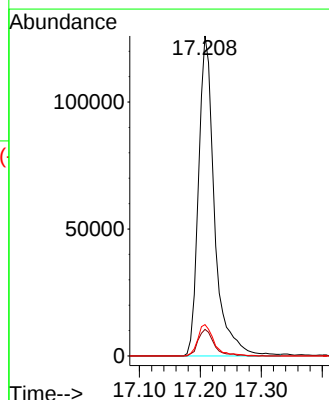
Tgt Ion:188 Resp: 230057

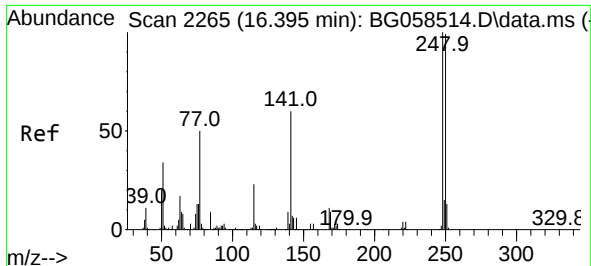
Ion Ratio Lower Upper

188 100

94 8.3 7.0 10.6

80 9.8 8.1 12.1

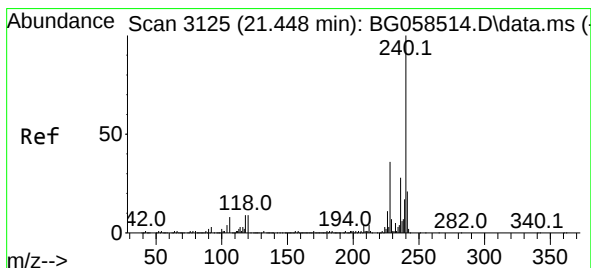
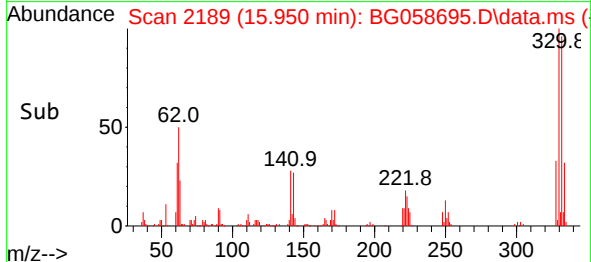
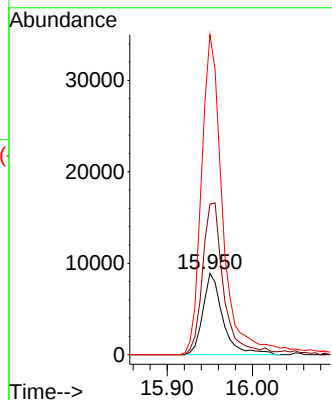
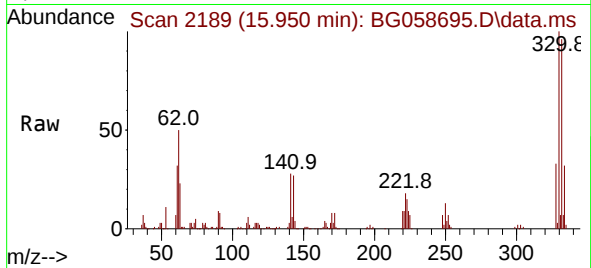




#67
4-Bromophenyl-phenylether
Concen: 5.538 ng
RT: 15.950 min Scan# 2189
Delta R.T. -0.445 min
Lab File: BG058695.D
Acq: 11 Aug 2023 9:03

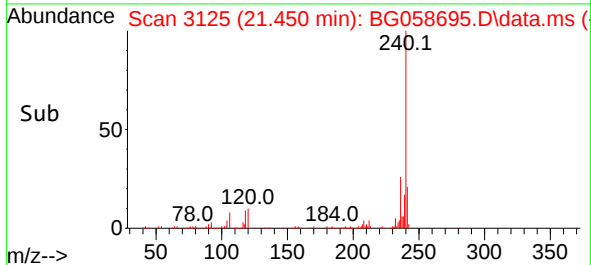
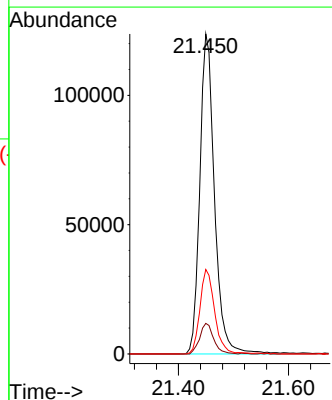
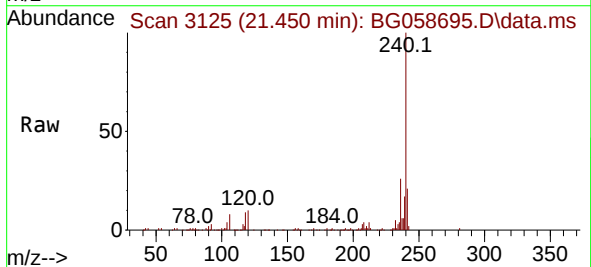
Instrument :
BNA_G
ClientSampleId :
PB154756BL

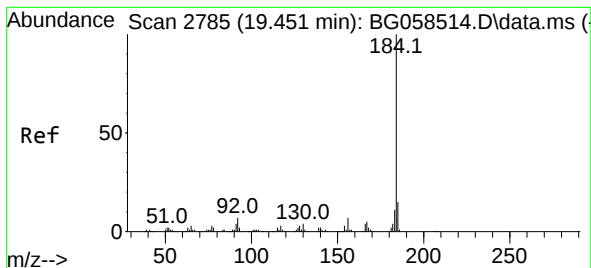
Tgt Ion:248 Resp: 14451
Ion Ratio Lower Upper
248 100
250 185.3 79.5 119.3#
141 393.8 48.2 72.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.450 min Scan# 3125
Delta R.T. 0.001 min
Lab File: BG058695.D
Acq: 11 Aug 2023 9:03

Tgt Ion:240 Resp: 229364
Ion Ratio Lower Upper
240 100
120 9.6 7.4 11.0
236 26.4 22.2 33.4





#77

Benzidine

Concen: 5.289 ng

RT: 19.828 min Scan# 2849

Delta R.T. 0.377 min

Lab File: BG058695.D

Acq: 11 Aug 2023 9:03

Instrument :

BNA_G

ClientSampleId :

PB154756BL

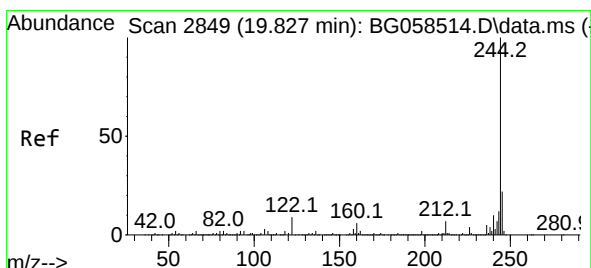
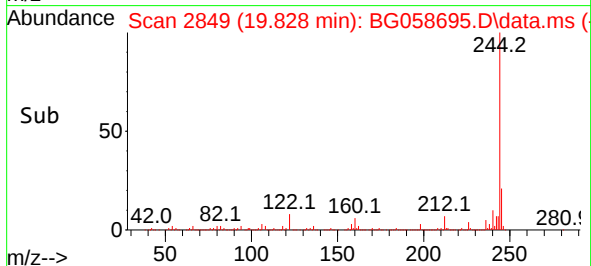
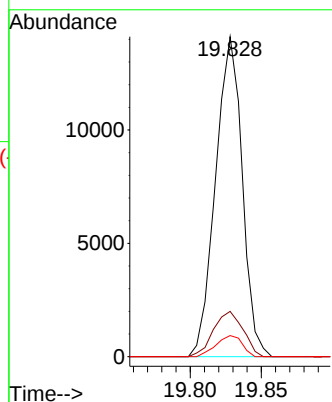
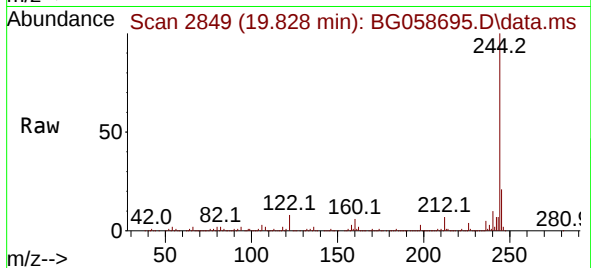
Tgt Ion:184 Resp: 18395

Ion Ratio Lower Upper

184 100

185 14.1 11.9 17.9

183 6.6 8.7 13.1#



#79

Terphenyl-d14

Concen: 121.969 ng

RT: 19.828 min Scan# 2849

Delta R.T. 0.001 min

Lab File: BG058695.D

Acq: 11 Aug 2023 9:03

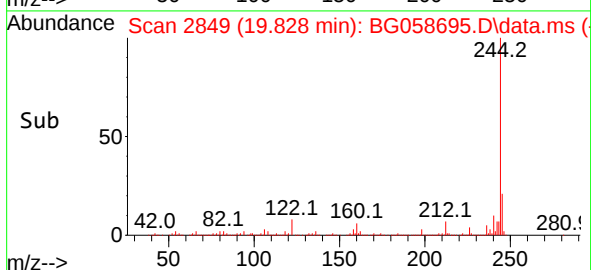
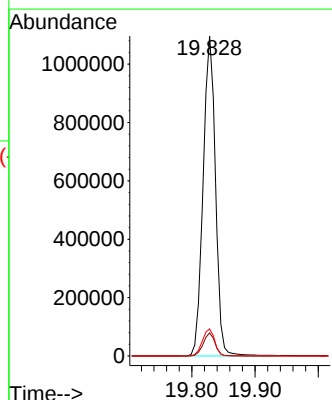
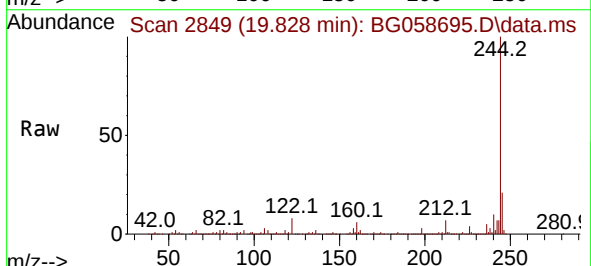
Tgt Ion:244 Resp: 1487632

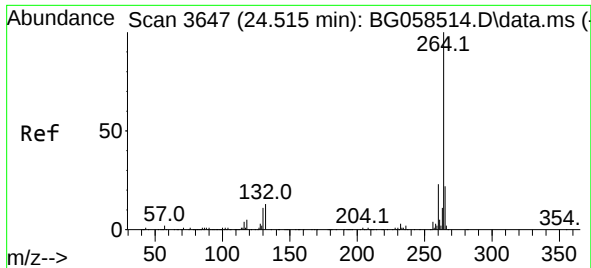
Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

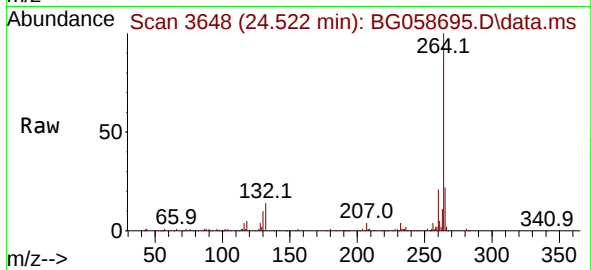
122 8.5 6.8 10.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.522 min Scan# 30
Delta R.T. 0.007 min
Lab File: BG058695.D
Acq: 11 Aug 2023 9:03

Instrument :
BNA_G
ClientSampleId :
PB154756BL



Tgt Ion:264 Resp: 279599
Ion Ratio Lower Upper
264 100
260 20.8 18.4 27.6
265 21.5 17.9 26.9

