

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080323\
 Data File : BG058591.D
 Acq On : 3 Aug 2023 13:37
 Operator : MA/JU
 Sample : 03815-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 03 14:11:29 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)

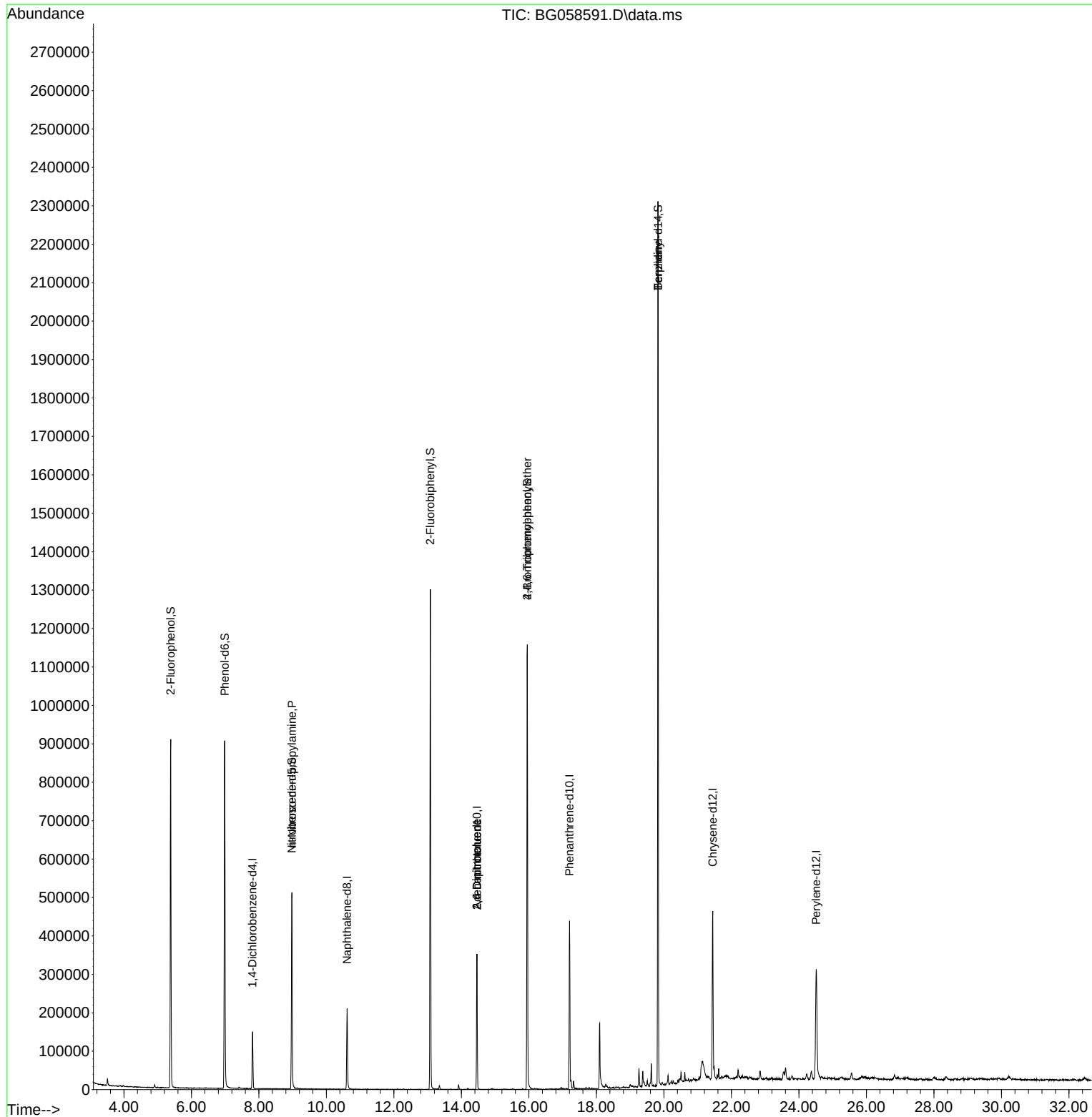
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.809	152	42861	20.000	ng	0.00
21) Naphthalene-d8	10.611	136	181328	20.000	ng	0.00
39) Acenaphthene-d10	14.460	164	128107	20.000	ng	0.00
64) Phenanthrene-d10	17.203	188	287672	20.000	ng	0.00
76) Chrysene-d12	21.446	240	252570	20.000	ng	0.00
86) Perylene-d12	24.513	264	316077	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.388	112	387742	138.272	ng	0.00
7) Phenol-d6	6.986	99	545786	139.873	ng	0.00
23) Nitrobenzene-d5	8.972	82	322688	87.422	ng	0.00
42) 2,4,6-Tribromophenol	15.952	330	261453	124.515	ng	0.00
45) 2-Fluorobiphenyl	13.079	172	722547	84.523	ng	0.00
79) Terphenyl-d14	19.824	244	1211791	90.225	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	8.978	70	40205	15.952	ng	# 81
51) 2,6-Dinitrotoluene	14.460	165	15873	7.519	ng	# 23
57) 2,4-Dinitrotoluene	14.460	165	15873	5.424	ng	# 24
67) 4-Bromophenyl-phenylether	15.952	248	15967	4.894	ng	# 1
77) Benzidine	19.824	184	14912	3.893	ng	# 87

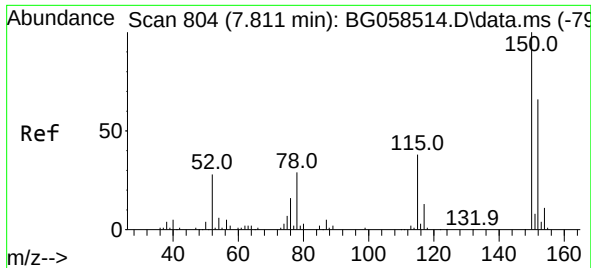
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 28 22:29:07 2023
Response via : Initial Calibration

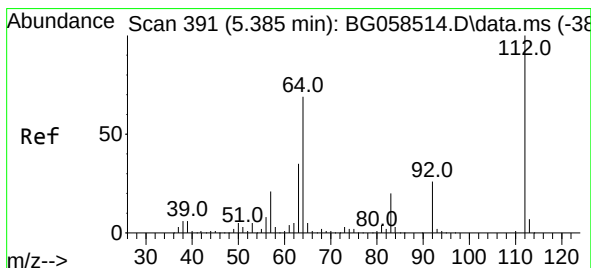
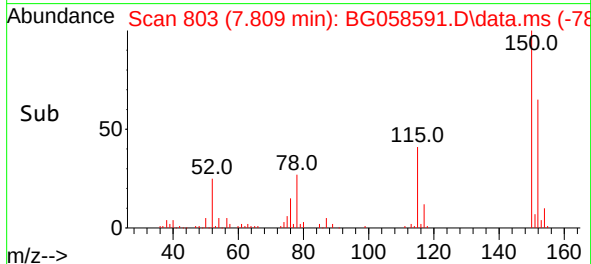
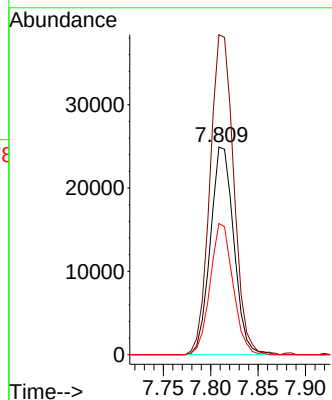
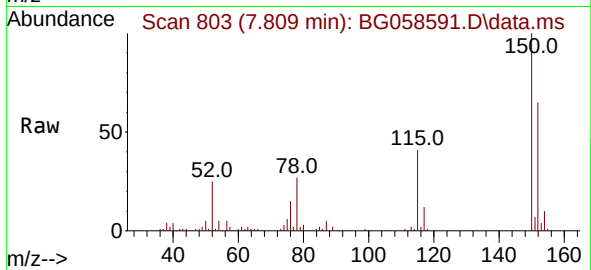




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.809 min Scan# 804
 Delta R.T. -0.002 min
 Lab File: BG058591.D
 Acq: 3 Aug 2023 13:37

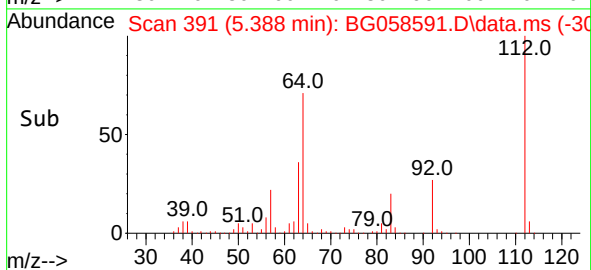
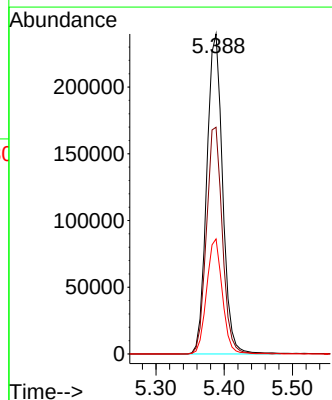
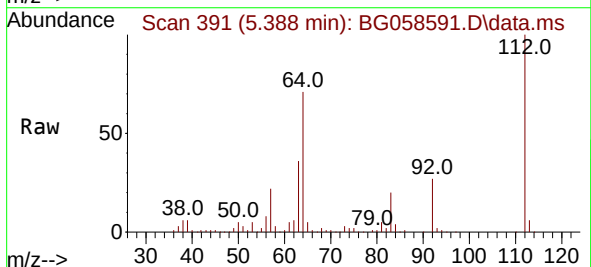
Instrument :
 BNA_G
 ClientSampleId :

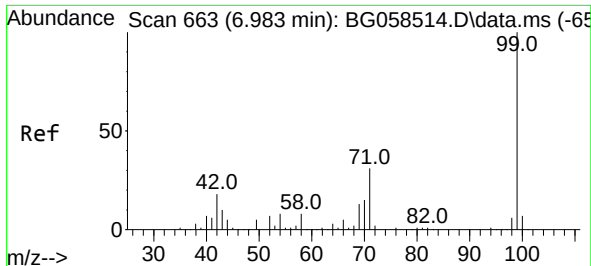
Tgt Ion:152 Resp: 42861
 Ion Ratio Lower Upper
 152 100
 150 154.1 120.5 180.7
 115 63.2 45.9 68.9



#5
 2-Fluorophenol
 Concen: 138.272 ng
 RT: 5.388 min Scan# 391
 Delta R.T. 0.003 min
 Lab File: BG058591.D
 Acq: 3 Aug 2023 13:37

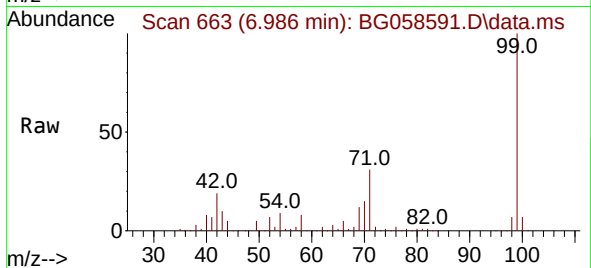
Tgt Ion:112 Resp: 387742
 Ion Ratio Lower Upper
 112 100
 64 70.8 55.3 82.9
 63 35.9 28.3 42.5



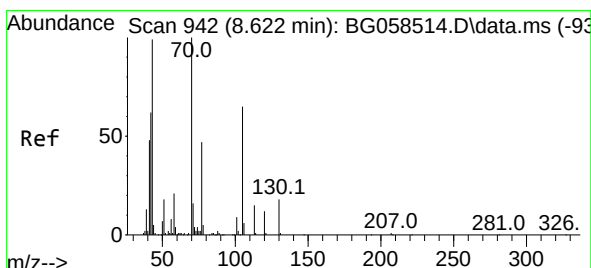
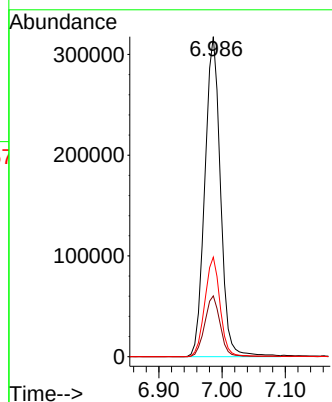
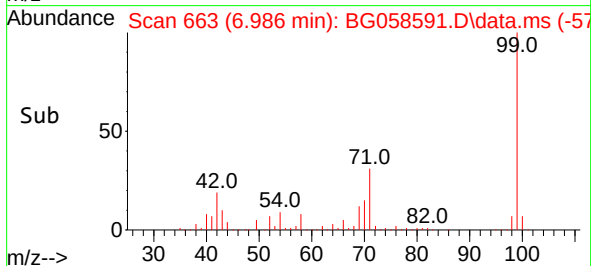


#7
Phenol-d6
Concen: 139.873 ng
RT: 6.986 min Scan# 60
Delta R.T. 0.003 min
Lab File: BG058591.D
Acq: 3 Aug 2023 13:37

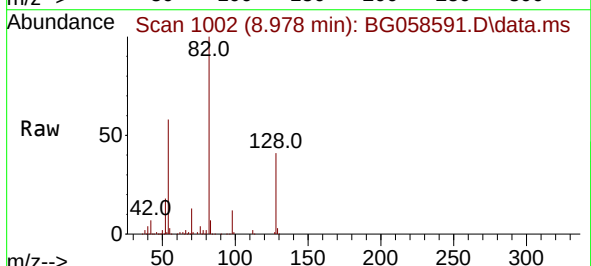
Instrument :
BNA_G
ClientSampleId :



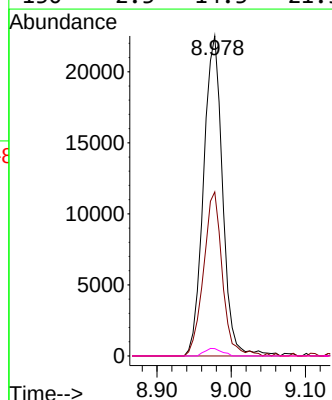
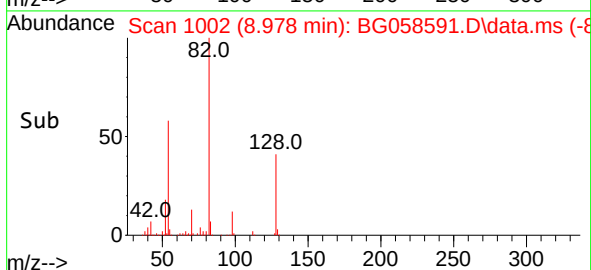
Tgt Ion: 99 Resp: 545786
Ion Ratio Lower Upper
99 100
42 19.0 14.6 21.8
71 31.1 25.0 37.4

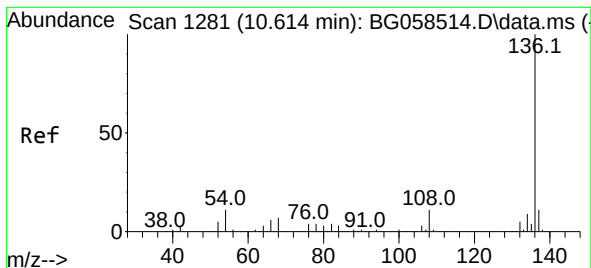


#19
n-Nitroso-di-n-propylamine
Concen: 15.952 ng
RT: 8.978 min Scan# 1002
Delta R.T. 0.356 min
Lab File: BG058591.D
Acq: 3 Aug 2023 13:37



Tgt Ion: 70 Resp: 40205
Ion Ratio Lower Upper
70 100
42 51.2 49.7 74.5
101 0.0 7.0 10.4#
130 2.3 14.3 21.5#

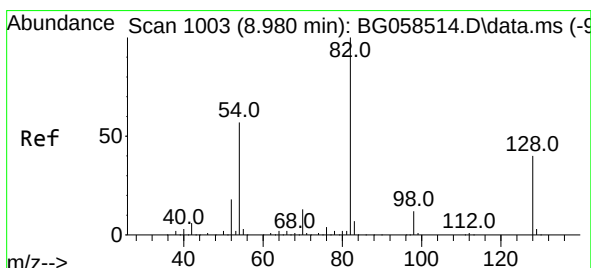
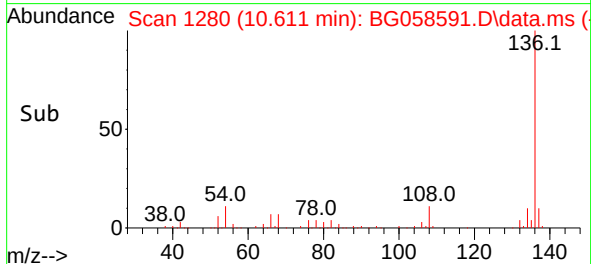
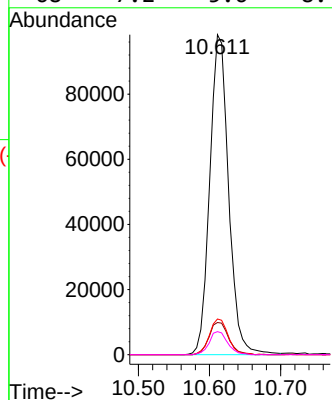
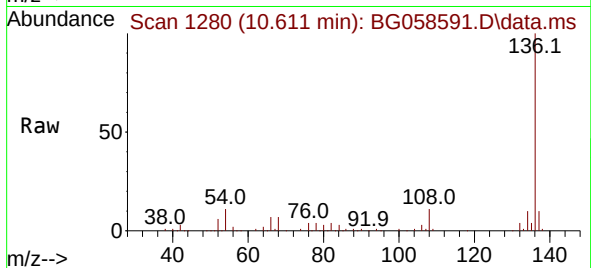




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.611 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG058591.D
Acq: 3 Aug 2023 13:37

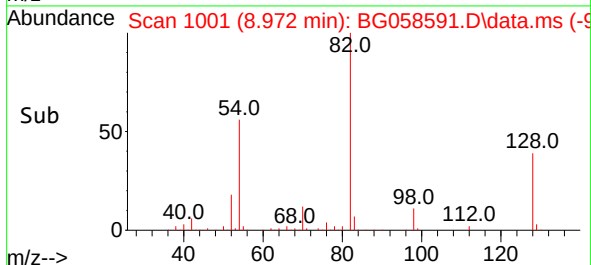
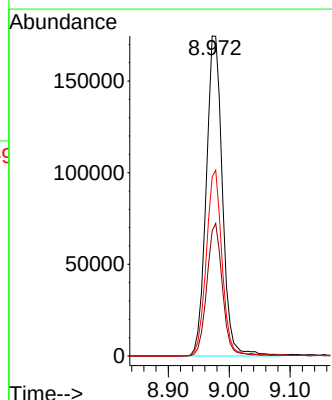
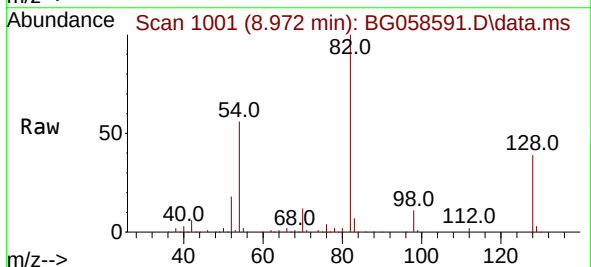
Instrument :
BNA_G
ClientSampleId :

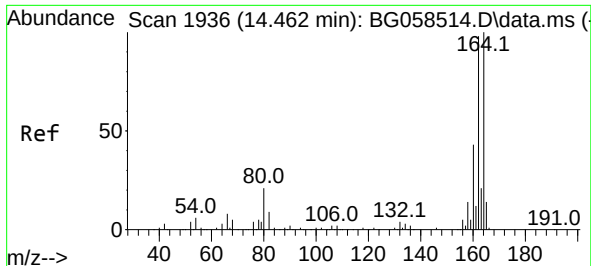
Tgt Ion:136 Resp: 181328
Ion Ratio Lower Upper
136 100
137 10.1 8.6 13.0
54 11.2 8.9 13.3
68 7.2 5.6 8.4



#23
Nitrobenzene-d5
Concen: 87.422 ng
RT: 8.972 min Scan# 1001
Delta R.T. -0.008 min
Lab File: BG058591.D
Acq: 3 Aug 2023 13:37

Tgt Ion: 82 Resp: 322688
Ion Ratio Lower Upper
82 100
128 39.1 32.2 48.2
54 56.0 46.0 69.0

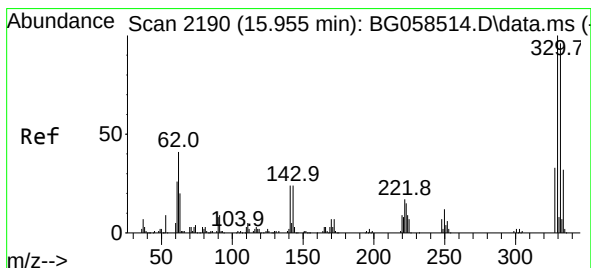
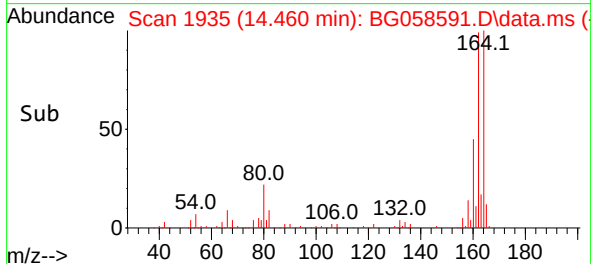
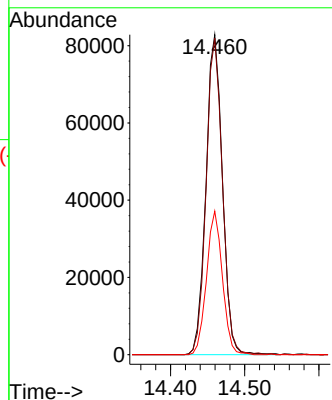
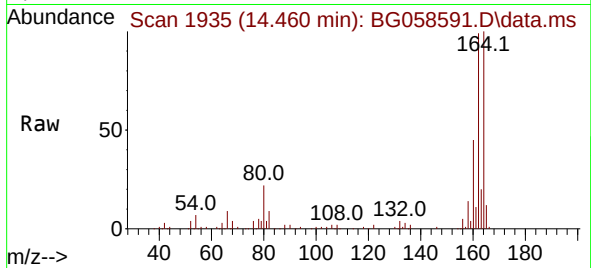




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.460 min Scan# 1936
Delta R.T. -0.003 min
Lab File: BG058591.D
Acq: 3 Aug 2023 13:37

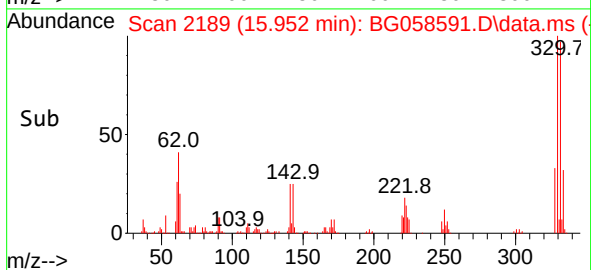
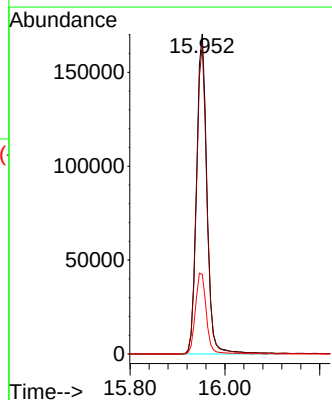
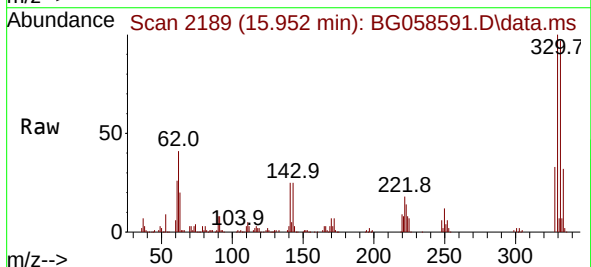
Instrument :
BNA_G
ClientSampleId :

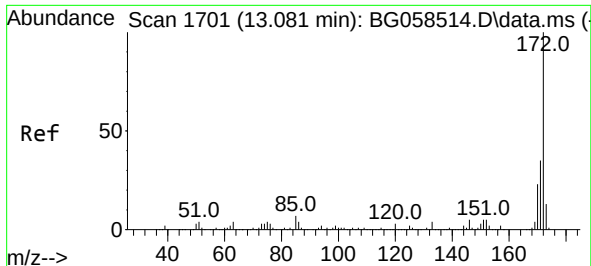
Tgt Ion:164 Resp: 128107
Ion Ratio Lower Upper
164 100
162 98.9 78.3 117.5
160 44.8 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 124.515 ng
RT: 15.952 min Scan# 2189
Delta R.T. -0.003 min
Lab File: BG058591.D
Acq: 3 Aug 2023 13:37

Tgt Ion:330 Resp: 261453
Ion Ratio Lower Upper
330 100
332 95.9 77.5 116.3
141 26.3 20.7 31.1

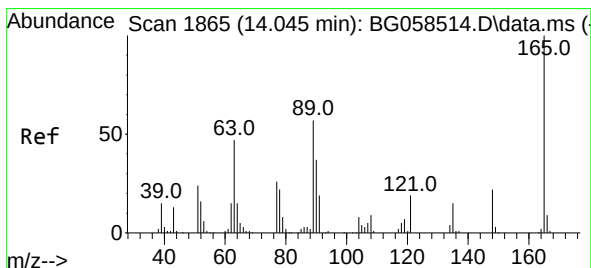
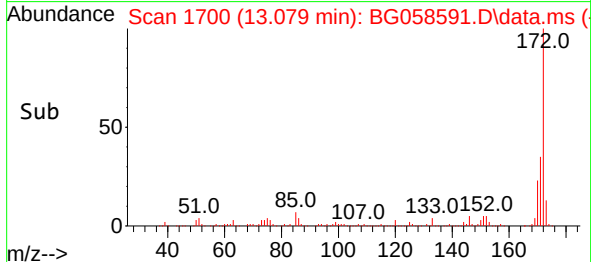
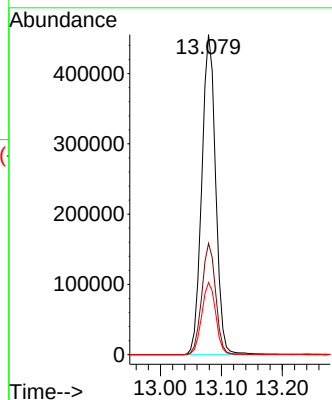
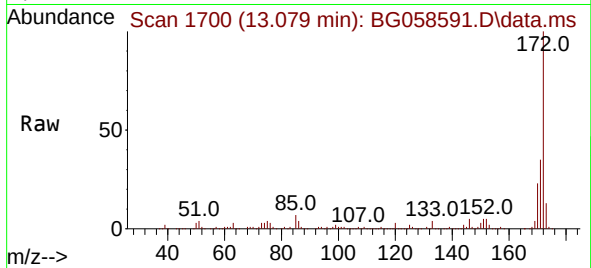




#45
2-Fluorobiphenyl
Concen: 84.523 ng
RT: 13.079 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG058591.D
Acq: 3 Aug 2023 13:37

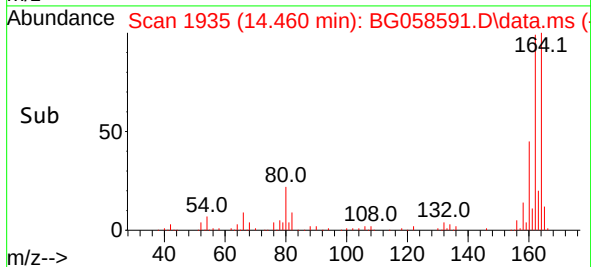
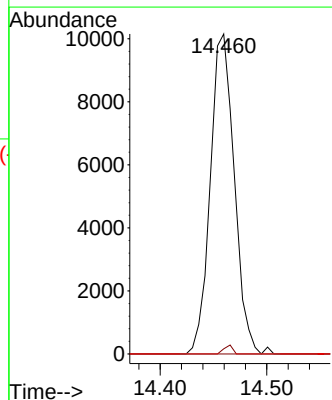
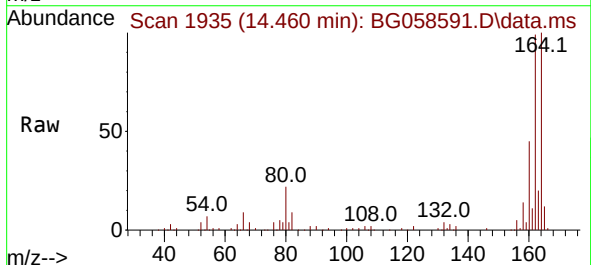
Instrument :
BNA_G
ClientSampleId :

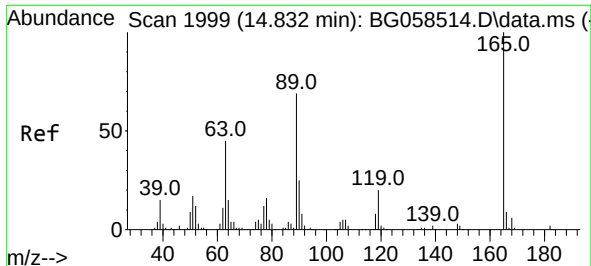
Tgt Ion:172 Resp: 722547
Ion Ratio Lower Upper
172 100
171 34.8 28.0 42.0
170 22.6 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 7.519 ng
RT: 14.460 min Scan# 1935
Delta R.T. 0.415 min
Lab File: BG058591.D
Acq: 3 Aug 2023 13:37

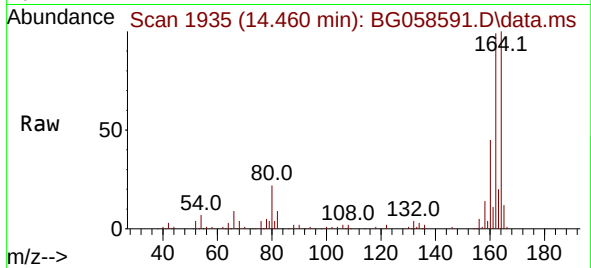
Tgt Ion:165 Resp: 15873
Ion Ratio Lower Upper
165 100
63 1.6 46.4 69.6#
89 0.0 45.3 67.9#



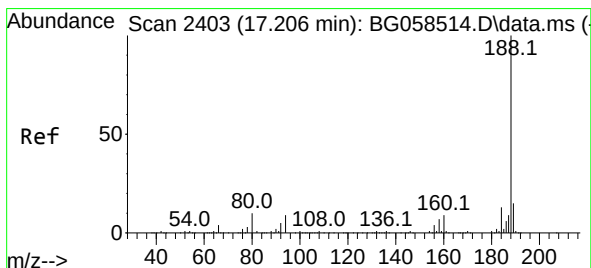
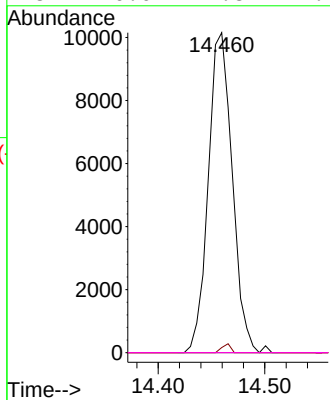
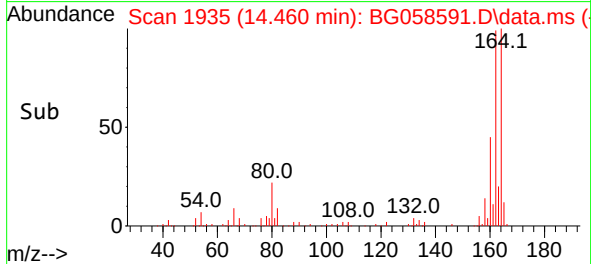


#57
2,4-Dinitrotoluene
Concen: 5.424 ng
RT: 14.460 min Scan# 1999
Delta R.T. -0.372 min
Lab File: BG058591.D
Acq: 3 Aug 2023 13:37

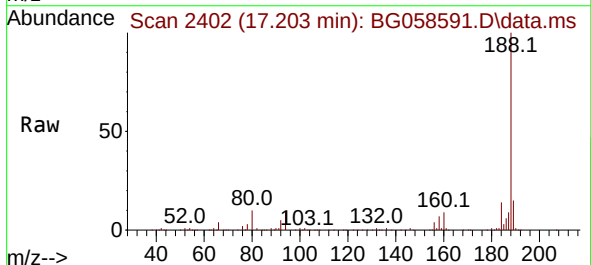
Instrument :
BNA_G
ClientSampleId :



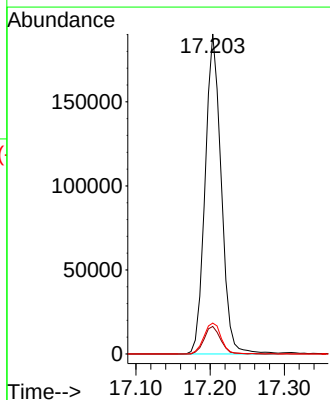
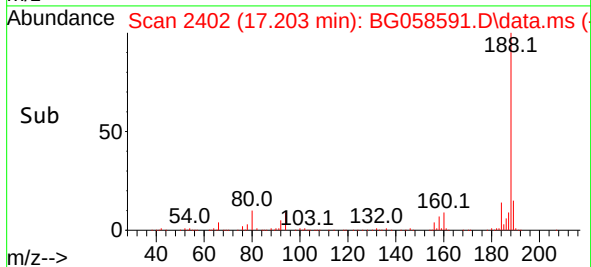
Tgt Ion:165 Resp: 15873
Ion Ratio Lower Upper
165 100
63 1.6 36.6 54.8#
89 0.0 55.4 83.0#
182 0.0 1.8 2.6#

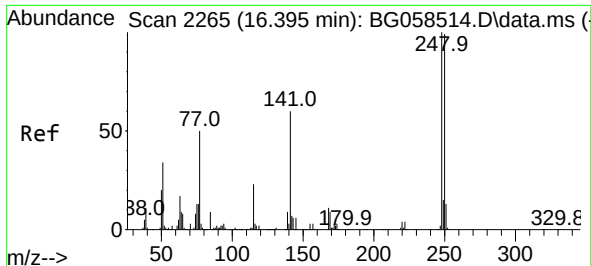


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.203 min Scan# 2402
Delta R.T. -0.003 min
Lab File: BG058591.D
Acq: 3 Aug 2023 13:37



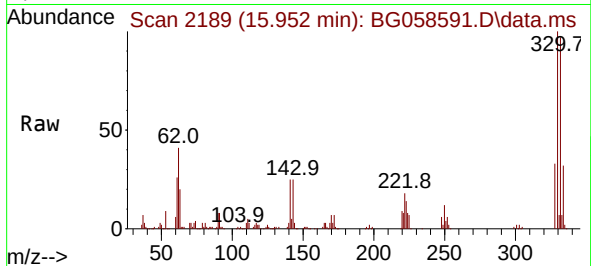
Tgt Ion:188 Resp: 287672
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.6
80 9.7 8.1 12.1



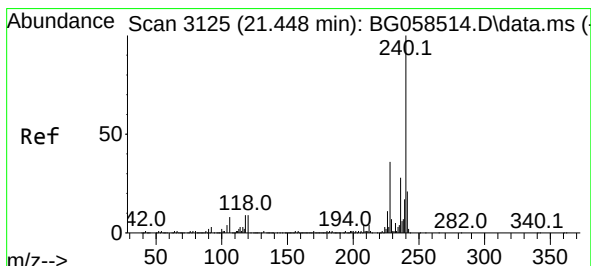
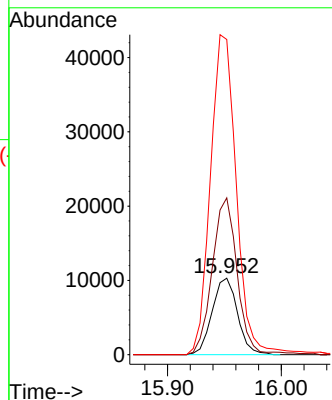
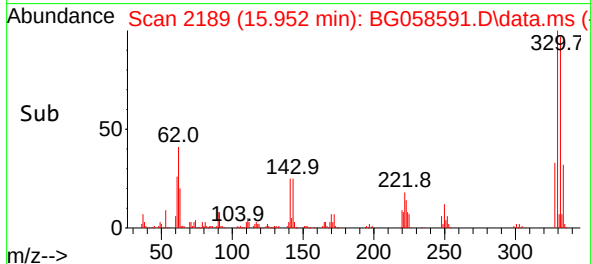


#67
4-Bromophenyl-phenylether
Concen: 4.894 ng
RT: 15.952 min Scan# 2119
Delta R.T. -0.443 min
Lab File: BG058591.D
Acq: 3 Aug 2023 13:37

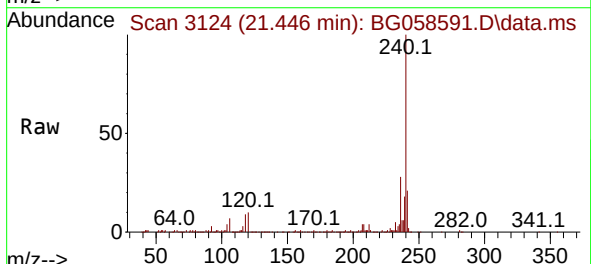
Instrument :
BNA_G
ClientSampleId :



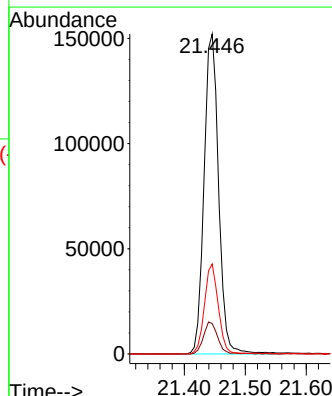
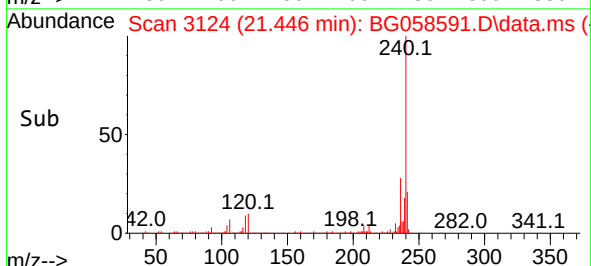
Tgt Ion:248 Resp: 15967
Ion Ratio Lower Upper
248 100
250 205.3 79.5 119.3#
141 412.4 48.2 72.2#

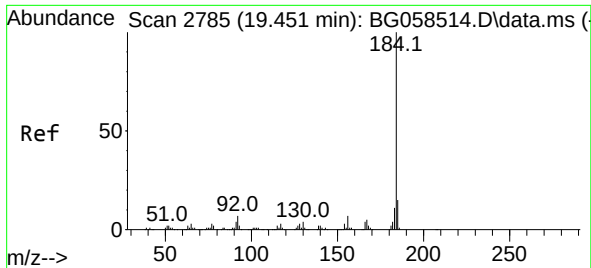


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.446 min Scan# 3124
Delta R.T. -0.003 min
Lab File: BG058591.D
Acq: 3 Aug 2023 13:37



Tgt Ion:240 Resp: 252570
Ion Ratio Lower Upper
240 100
120 9.5 7.4 11.0
236 28.2 22.2 33.4

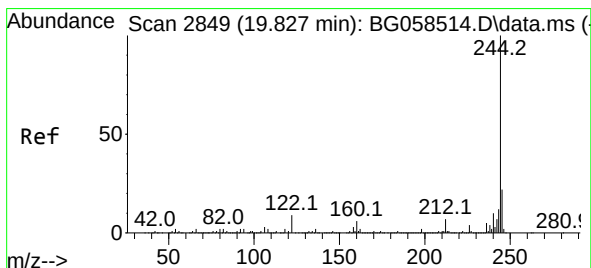
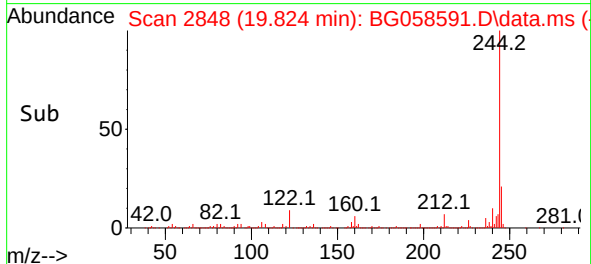
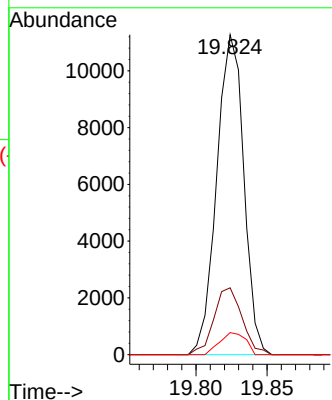
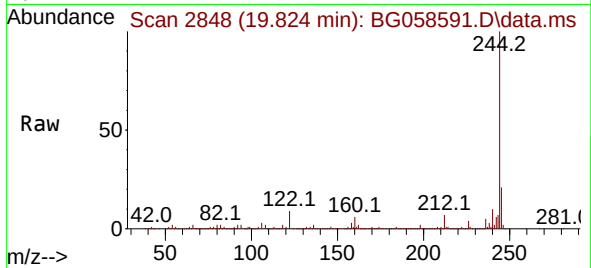




#77
Benzidine
Concen: 3.893 ng
RT: 19.824 min Scan# 21
Delta R.T. 0.373 min
Lab File: BG058591.D
Acq: 3 Aug 2023 13:37

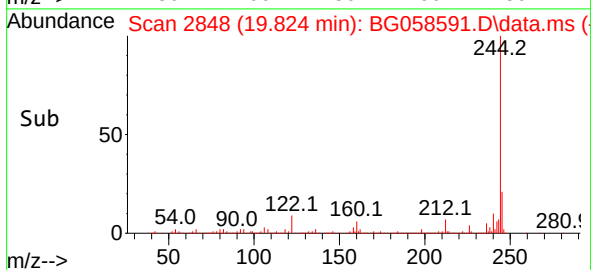
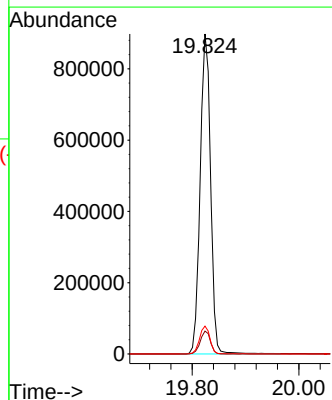
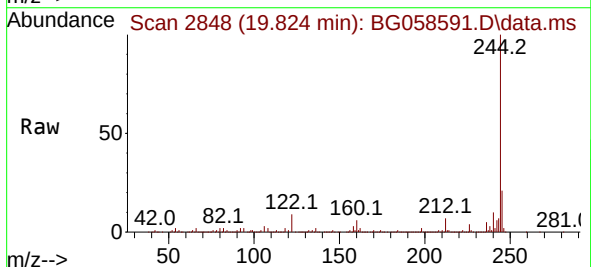
Instrument :
BNA_G
ClientSampleId :

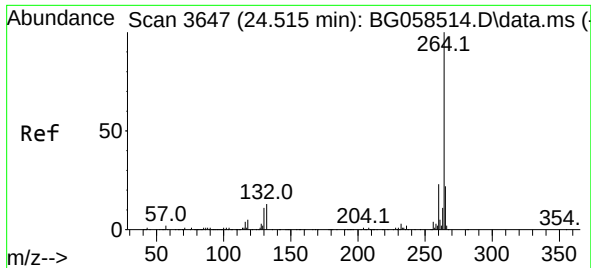
Tgt Ion:184 Resp: 14912
Ion Ratio Lower Upper
184 100
185 20.9 11.9 17.9#
183 6.9 8.7 13.1#



#79
Terphenyl-d14
Concen: 90.225 ng
RT: 19.824 min Scan# 2848
Delta R.T. -0.003 min
Lab File: BG058591.D
Acq: 3 Aug 2023 13:37

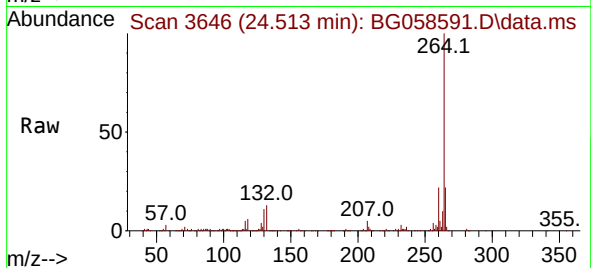
Tgt Ion:244 Resp: 1211791
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 8.7 6.8 10.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.513 min Scan# 30
Delta R.T. -0.003 min
Lab File: BG058591.D
Acq: 3 Aug 2023 13:37

Instrument :
BNA_G
ClientSampleId :



Tgt Ion:264 Resp: 316077

Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.4	27.6
265	21.5	17.9	26.9

