

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082323\
 Data File : BG058817.D
 Acq On : 23 Aug 2023 11:21
 Operator : MA/JU
 Sample : PB154929BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154929BL

Quant Time: Aug 23 12:22:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 01:40:57 2023
 Response via : Initial Calibration

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

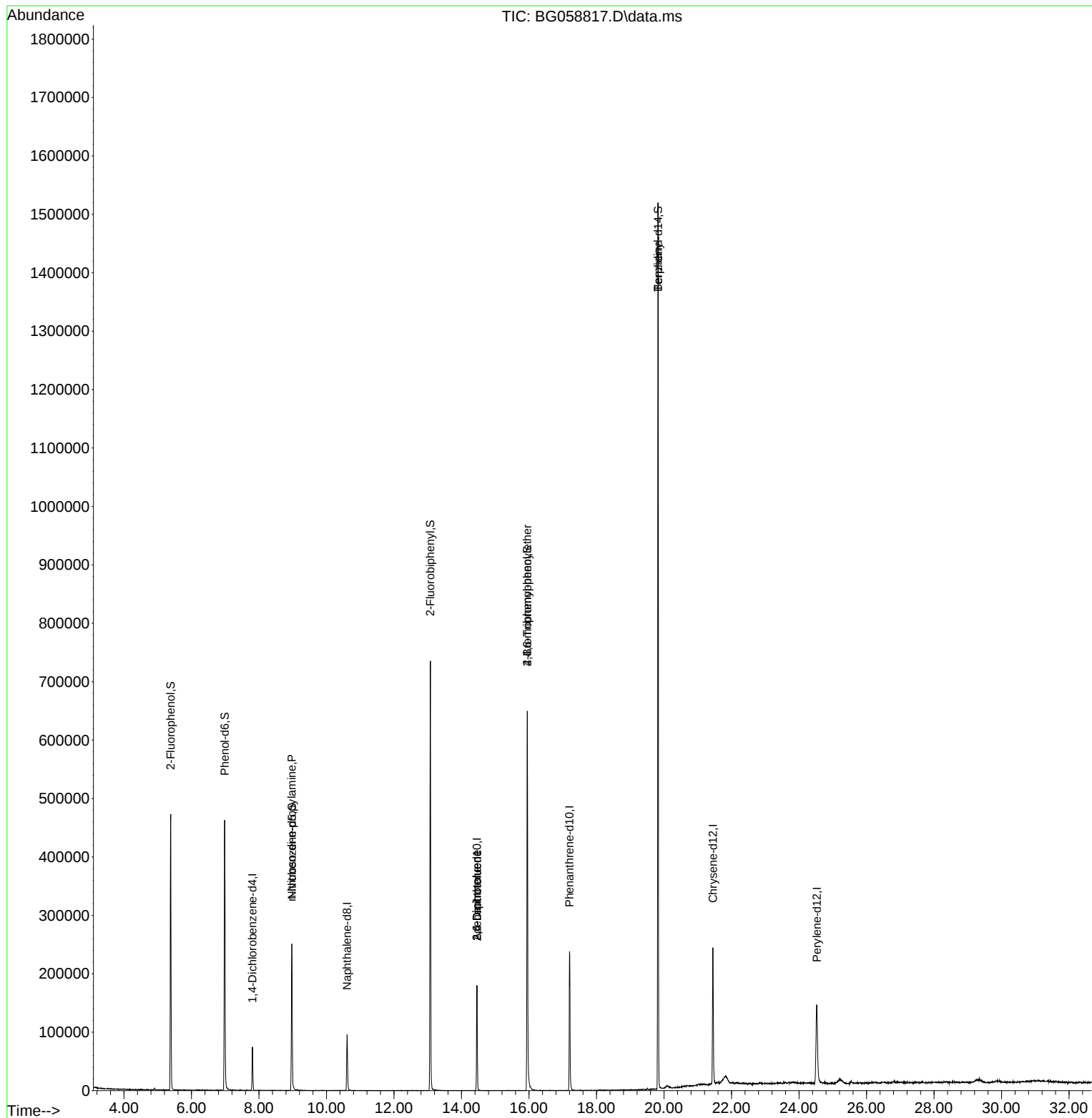
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.806	152	19896	20.000	ng	0.00
21) Naphthalene-d8	10.609	136	87101	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	69909	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	177035	20.000	ng	0.00
76) Chrysene-d12	21.449	240	151772	20.000	ng	0.00
86) Perylene-d12	24.528	264	179737	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	186823	151.109	ng	0.00
7) Phenol-d6	6.983	99	257085	148.209	ng	0.00
23) Nitrobenzene-d5	8.975	82	159346	87.955	ng	0.00
42) 2,4,6-Tribromophenol	15.949	330	153178	139.741	ng	0.00
45) 2-Fluorobiphenyl	13.076	172	404927	84.245	ng	0.00
79) Terphenyl-d14	19.821	244	787065	93.116	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	8.969	70	19833	17.688	ng	# 78
51) 2,6-Dinitrotoluene	14.457	165	8645	7.602	ng	# 22
57) 2,4-Dinitrotoluene	14.457	165	8645	5.450	ng	# 19
67) 4-Bromophenyl-phenylether	15.949	248	9607	4.945	ng	# 1
77) Benzidine	19.821	184	11504	4.229	ng	# 87

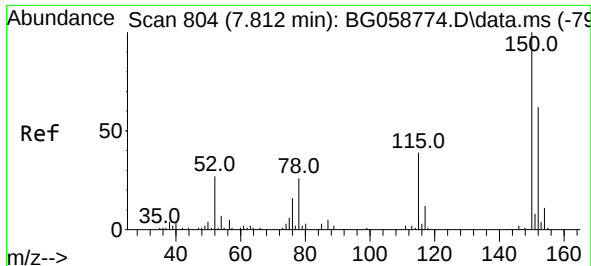
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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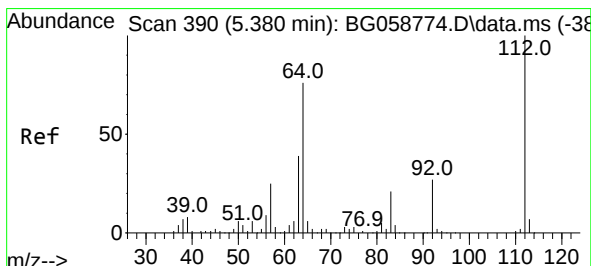
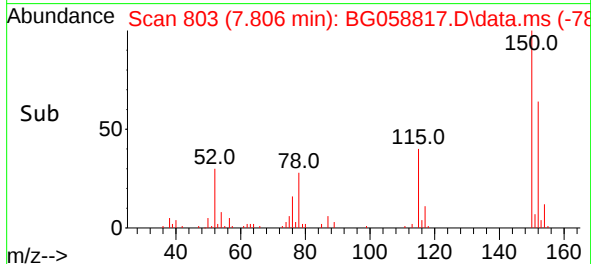
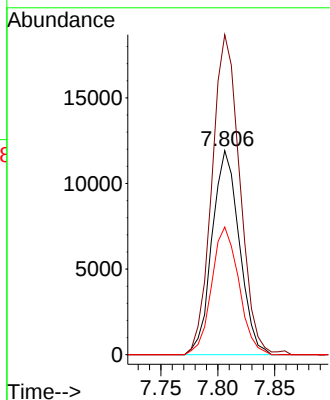
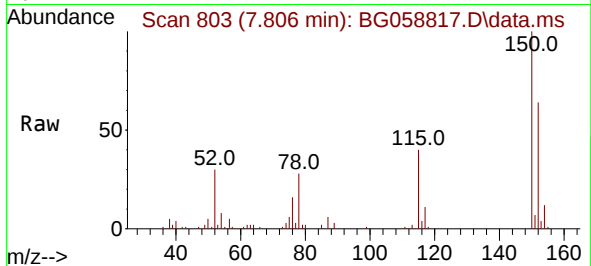




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.806 min Scan# 804
Delta R.T. -0.006 min
Lab File: BG058817.D
Acq: 23 Aug 2023 11:21

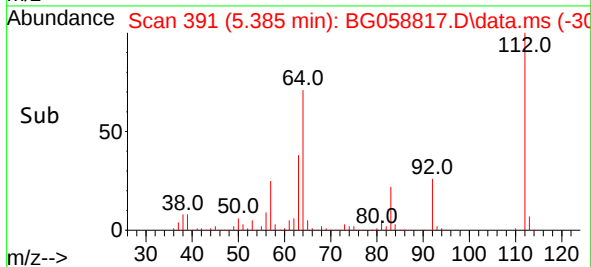
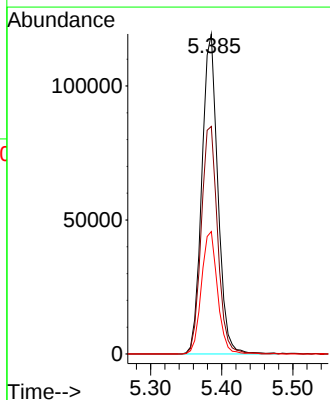
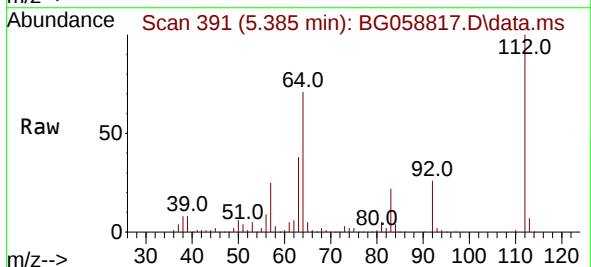
Instrument :
BNA_G
ClientSampleId :
PB154929BL

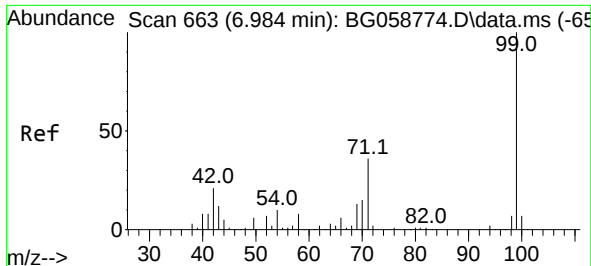
Tgt Ion:152 Resp: 19896
Ion Ratio Lower Upper
152 100
150 156.9 128.6 192.8
115 62.6 50.4 75.6



#5
2-Fluorophenol
Concen: 151.109 ng
RT: 5.385 min Scan# 391
Delta R.T. 0.005 min
Lab File: BG058817.D
Acq: 23 Aug 2023 11:21

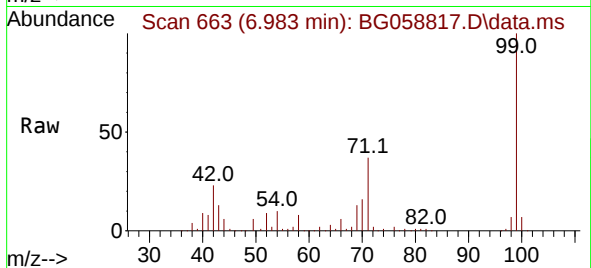
Tgt Ion:112 Resp: 186823
Ion Ratio Lower Upper
112 100
64 71.1 60.6 90.8
63 38.2 31.0 46.4



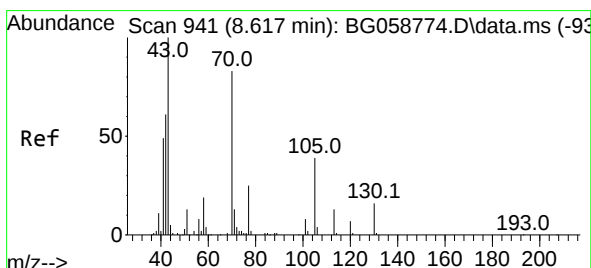
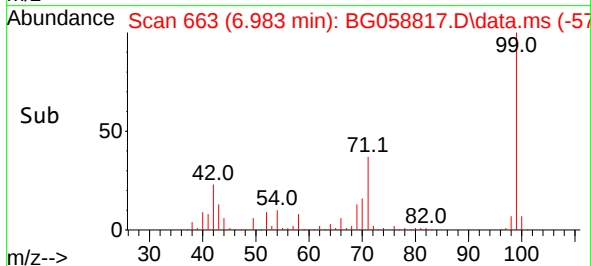
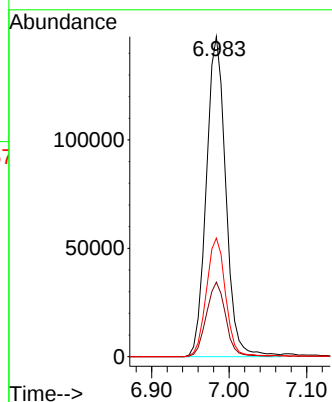


#7
Phenol-d6
Concen: 148.209 ng
RT: 6.983 min Scan# 60
Delta R.T. -0.000 min
Lab File: BG058817.D
Acq: 23 Aug 2023 11:21

Instrument :
BNA_G
ClientSampleId :
PB154929BL

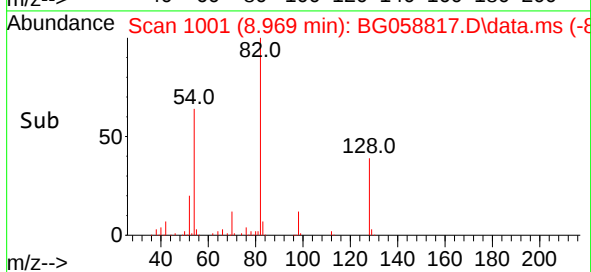
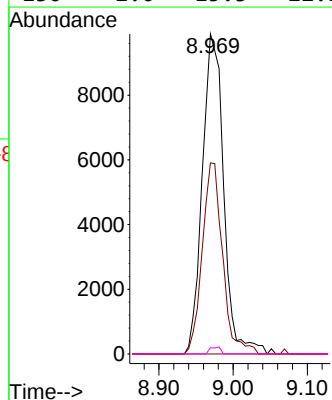
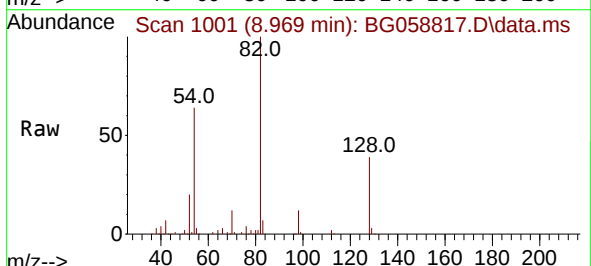


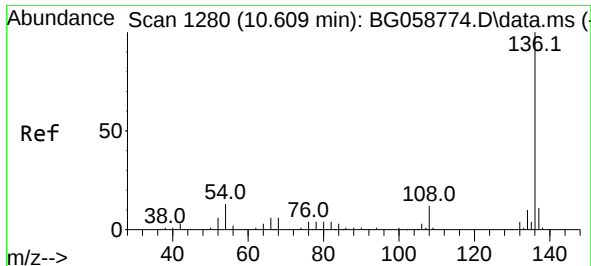
Tgt Ion:	99	Resp:	257085
Ion	Ratio	Lower	Upper
99	100		
42	23.3	16.5	24.7
71	37.1	28.4	42.6



#19
n-Nitroso-di-n-propylamine
Concen: 17.688 ng
RT: 8.969 min Scan# 1001
Delta R.T. 0.352 min
Lab File: BG058817.D
Acq: 23 Aug 2023 11:21

Tgt Ion:	70	Resp:	19833
Ion	Ratio	Lower	Upper
70	100		
42	59.7	59.2	88.8
101	0.0	8.2	12.2#
130	2.0	15.3	22.9#





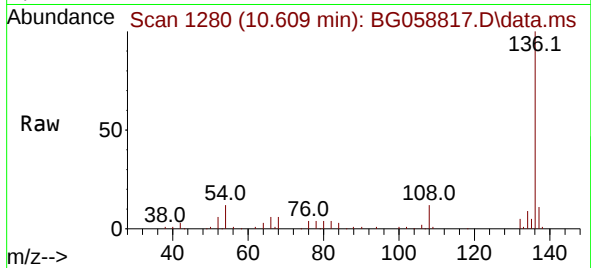
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.609 min Scan# 1280
Delta R.T. -0.000 min
Lab File: BG058817.D
Acq: 23 Aug 2023 11:21

Instrument :

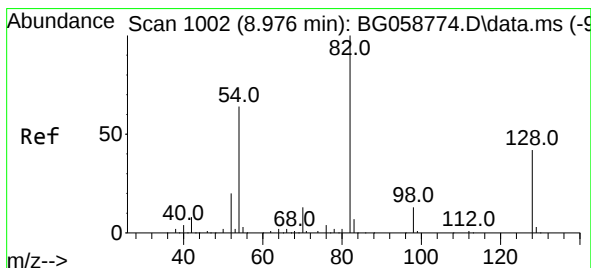
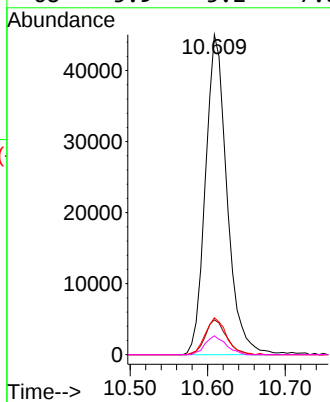
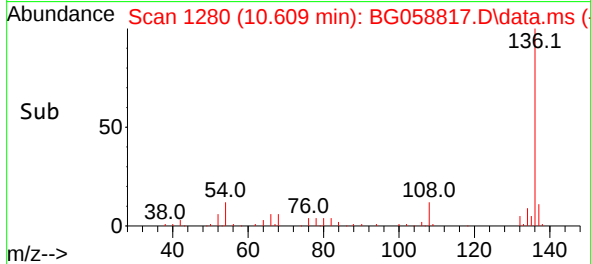
BNA_G

ClientSampleId :

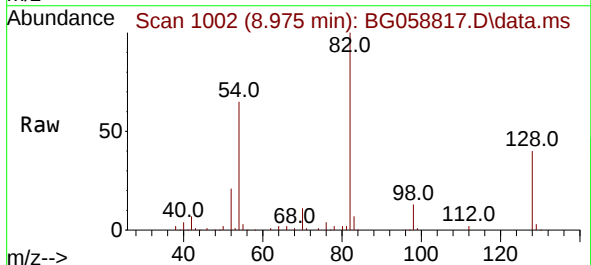
PB154929BL



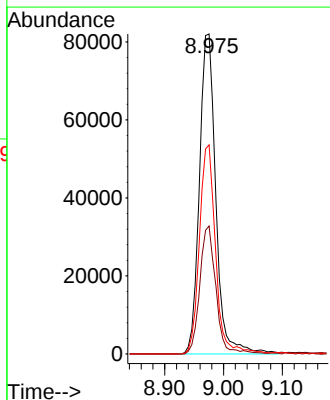
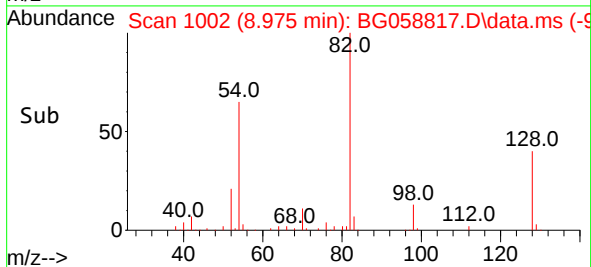
Tgt Ion:136 Resp: 87101
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 11.5 10.1 15.1
68 5.9 5.2 7.8

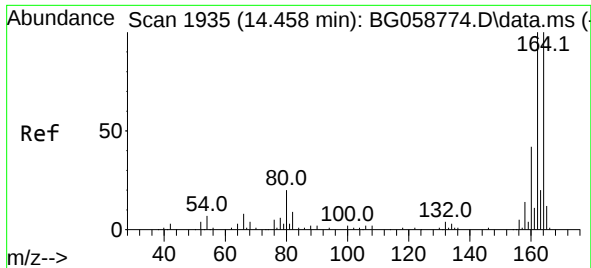


#23
Nitrobenzene-d5
Concen: 87.955 ng
RT: 8.975 min Scan# 1002
Delta R.T. -0.000 min
Lab File: BG058817.D
Acq: 23 Aug 2023 11:21



Tgt Ion: 82 Resp: 159346
Ion Ratio Lower Upper
82 100
128 40.0 33.2 49.8
54 65.3 51.2 76.8

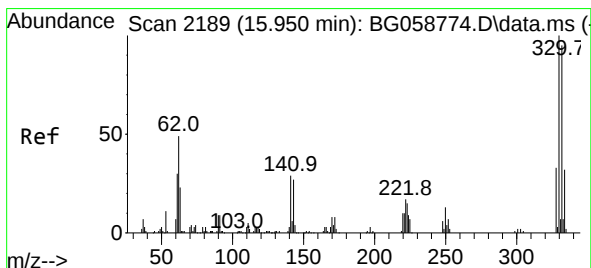
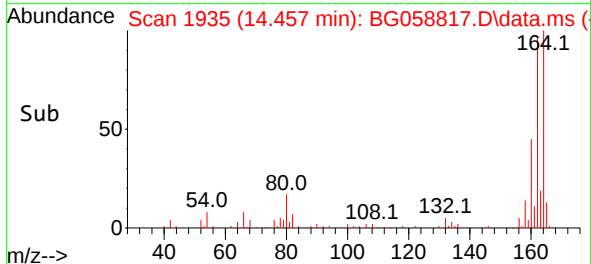
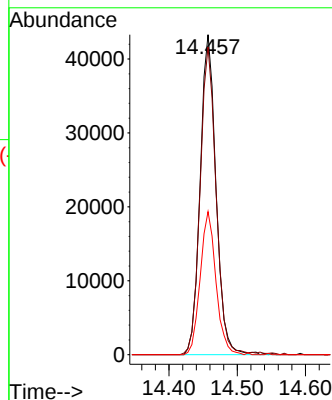
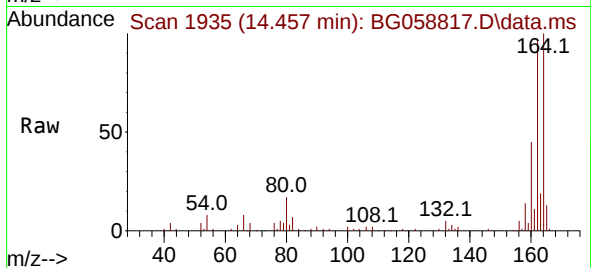




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1935
Delta R.T. -0.000 min
Lab File: BG058817.D
Acq: 23 Aug 2023 11:21

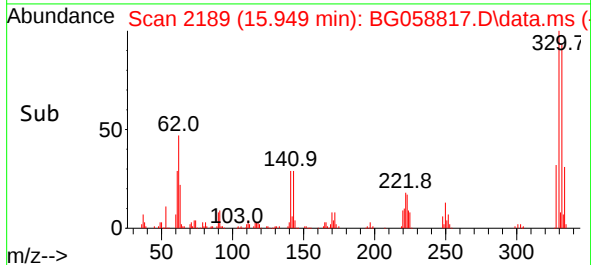
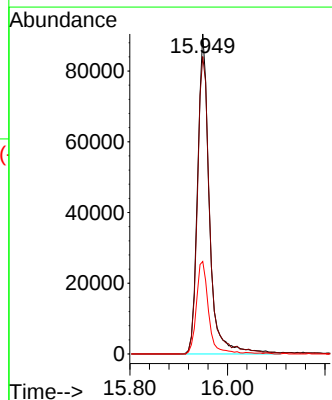
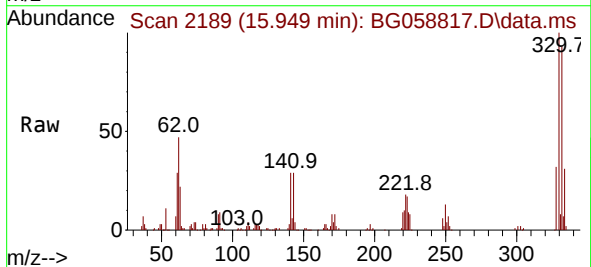
Instrument :
BNA_G
ClientSampleId :
PB154929BL

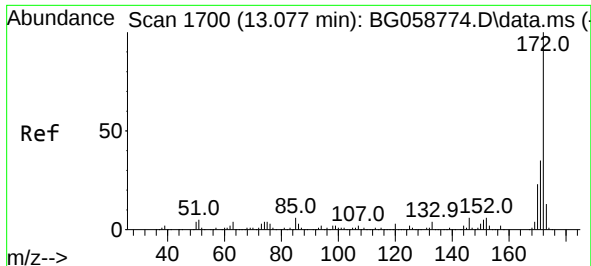
Tgt Ion:164 Resp: 69909
Ion Ratio Lower Upper
164 100
162 96.2 79.6 119.4
160 44.7 34.0 51.0



#42
2,4,6-Tribromophenol
Concen: 139.741 ng
RT: 15.949 min Scan# 2189
Delta R.T. -0.000 min
Lab File: BG058817.D
Acq: 23 Aug 2023 11:21

Tgt Ion:330 Resp: 153178
Ion Ratio Lower Upper
330 100
332 97.4 78.5 117.7
141 29.5 23.0 34.6

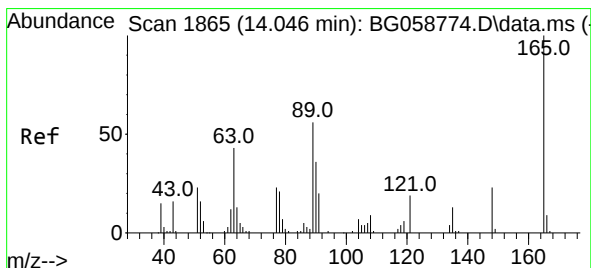
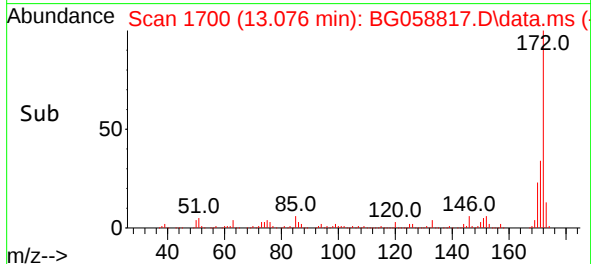
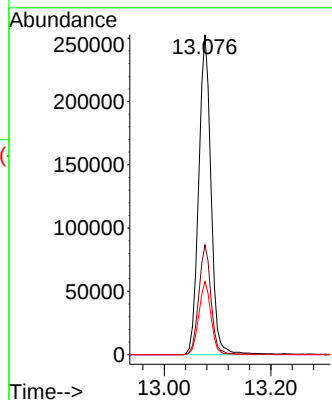
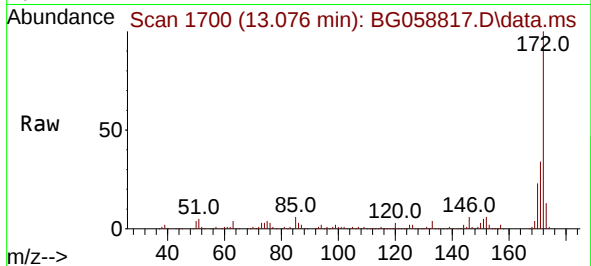




#45
2-Fluorobiphenyl
Concen: 84.245 ng
RT: 13.076 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG058817.D
Acq: 23 Aug 2023 11:21

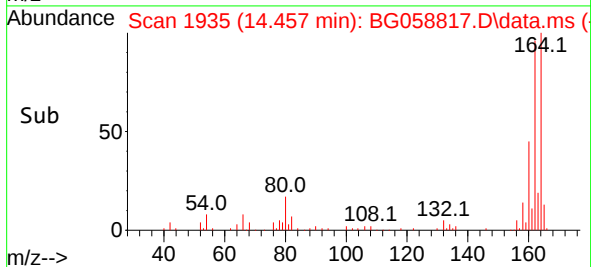
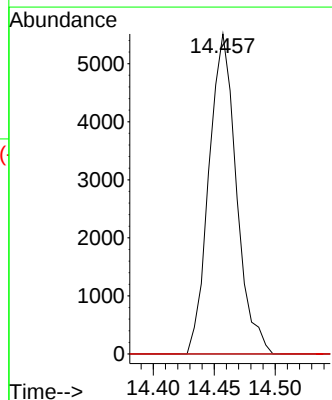
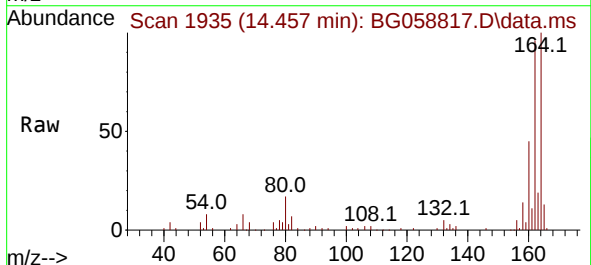
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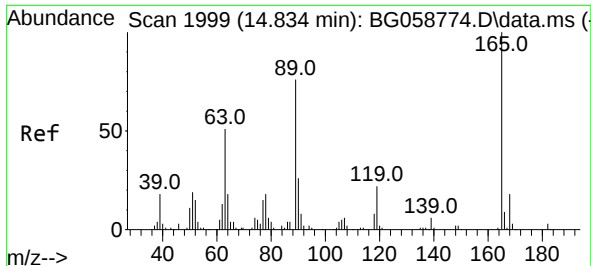
Tgt Ion:172 Resp: 404927
Ion Ratio Lower Upper
172 100
171 34.3 28.1 42.1
170 22.8 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.602 ng
RT: 14.457 min Scan# 1935
Delta R.T. 0.411 min
Lab File: BG058817.D
Acq: 23 Aug 2023 11:21

Tgt Ion:165 Resp: 8645
Ion Ratio Lower Upper
165 100
63 0.0 47.2 70.8#
89 0.0 45.0 67.4#

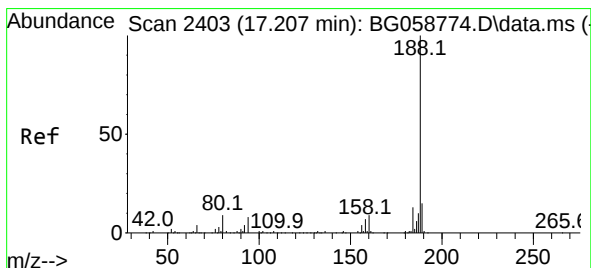
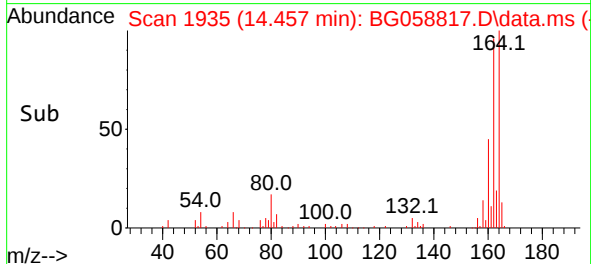
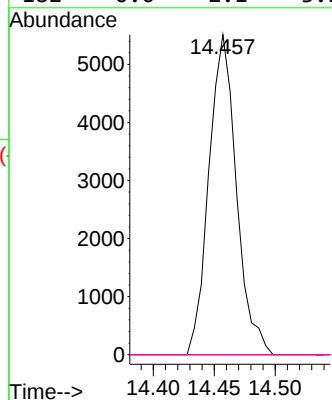
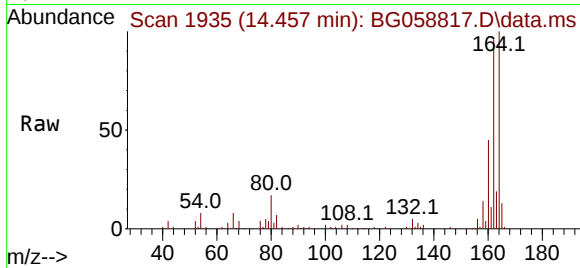




#57
2,4-Dinitrotoluene
Concen: 5.450 ng
RT: 14.457 min Scan# 1999
Delta R.T. -0.377 min
Lab File: BG058817.D
Acq: 23 Aug 2023 11:21

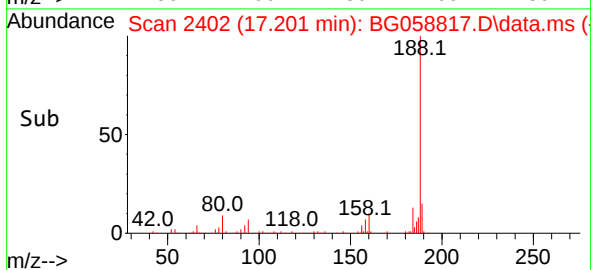
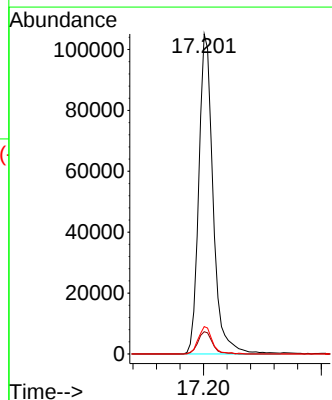
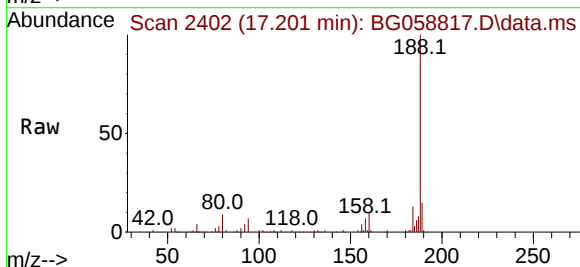
Instrument :
BNA_G
ClientSampleId :
PB154929BL

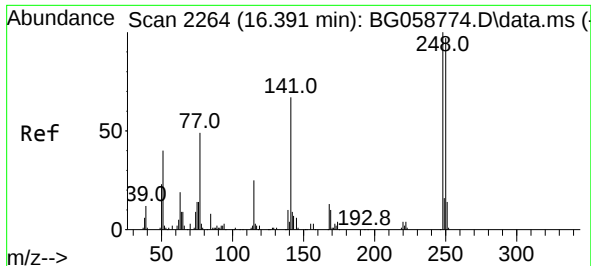
Tgt Ion:	165	Resp:	8645
Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.8	62.6#
89	0.0	60.7	91.1#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2402
Delta R.T. -0.006 min
Lab File: BG058817.D
Acq: 23 Aug 2023 11:21

Tgt Ion:	188	Resp:	177035
Ion	Ratio	Lower	Upper
188	100		
94	7.0	6.1	9.1
80	8.5	6.9	10.3





#67
4-Bromophenyl-phenylether
Concen: 4.945 ng
RT: 15.949 min Scan# 2189
Delta R.T. -0.442 min
Lab File: BG058817.D
Acq: 23 Aug 2023 11:21

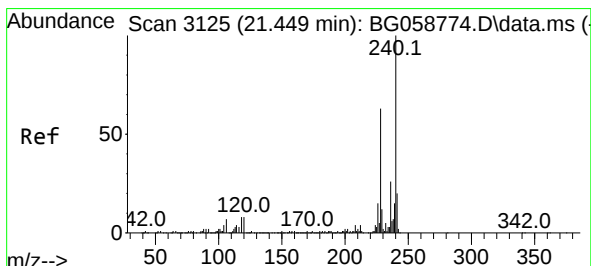
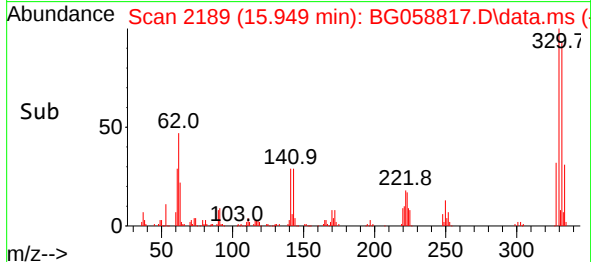
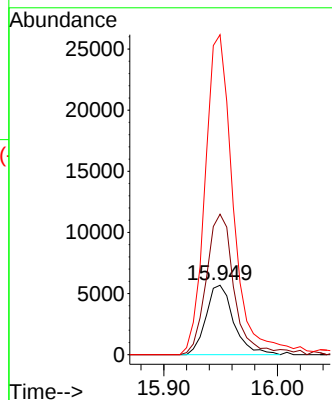
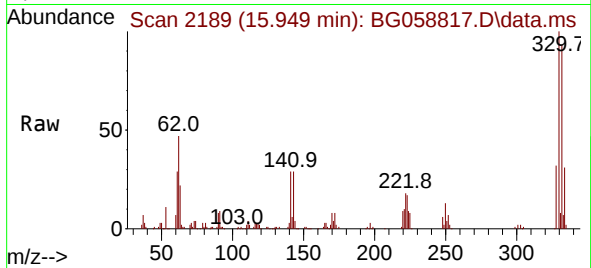
Instrument :

BNA_G

ClientSampleId :

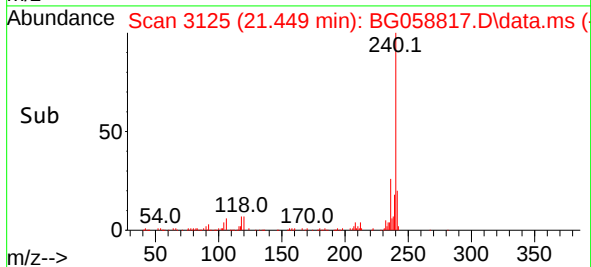
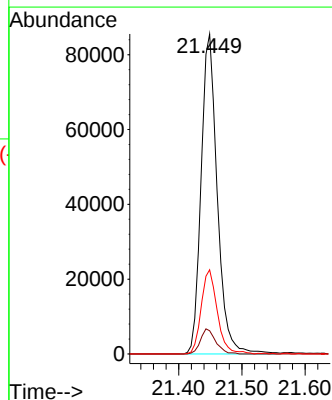
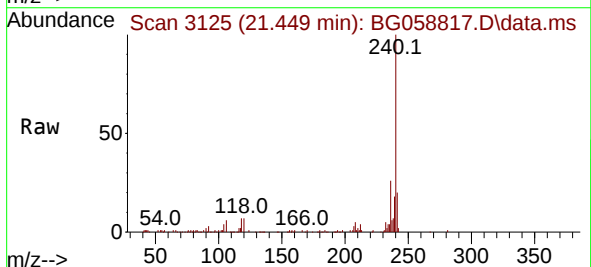
PB154929BL

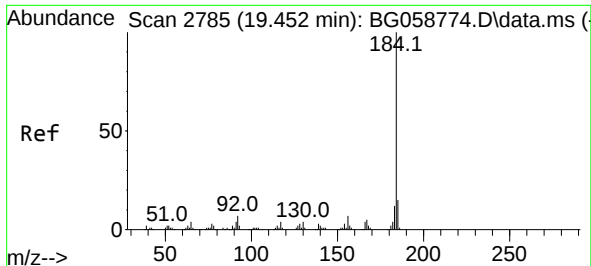
Tgt Ion:248 Resp: 9607
Ion Ratio Lower Upper
248 100
250 202.2 77.7 116.5#
141 460.5 53.6 80.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 3125
Delta R.T. -0.000 min
Lab File: BG058817.D
Acq: 23 Aug 2023 11:21

Tgt Ion:240 Resp: 151772
Ion Ratio Lower Upper
240 100
120 7.2 6.2 9.2
236 26.3 20.5 30.7

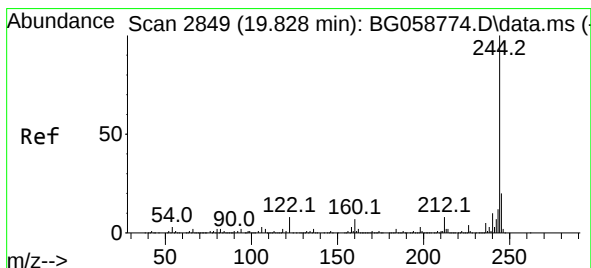
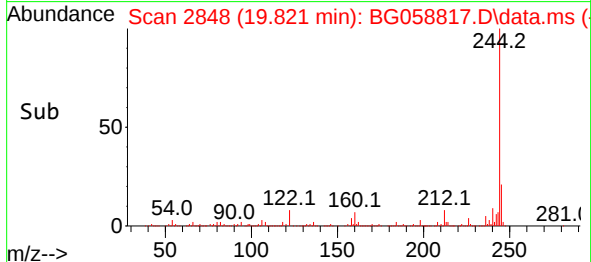
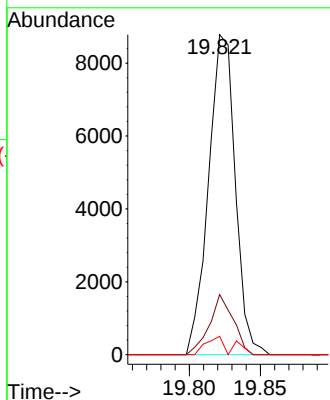
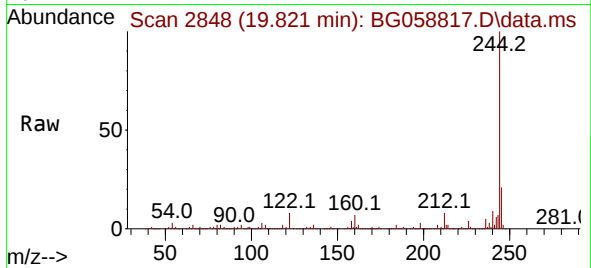




#77
Benzidine
Concen: 4.229 ng
RT: 19.821 min Scan# 2848
Delta R.T. 0.369 min
Lab File: BG058817.D
Acq: 23 Aug 2023 11:21

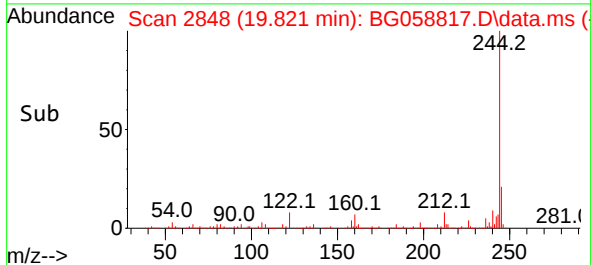
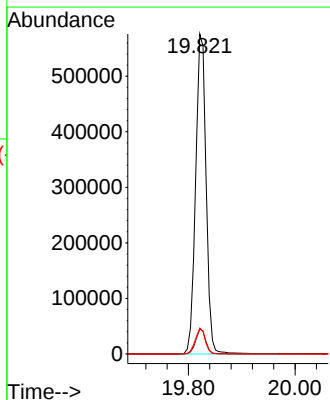
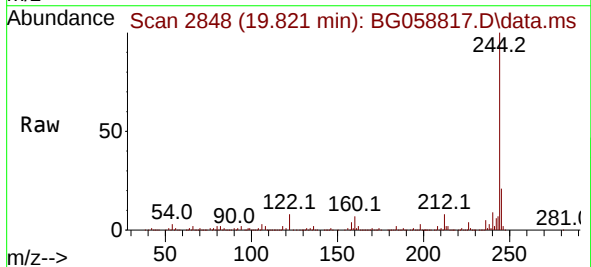
Instrument :
BNA_G
ClientSampleId :
PB154929BL

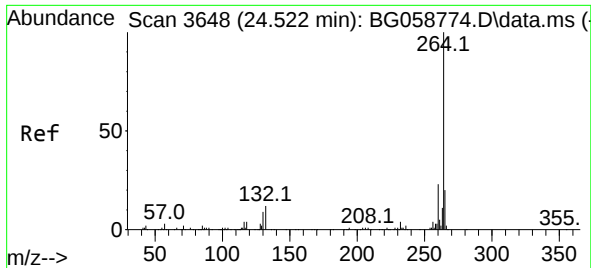
Tgt Ion:184 Resp: 11504
Ion Ratio Lower Upper
184 100
185 18.8 11.9 17.9#
183 5.7 10.0 15.0#



#79
Terphenyl-d14
Concen: 93.116 ng
RT: 19.821 min Scan# 2848
Delta R.T. -0.006 min
Lab File: BG058817.D
Acq: 23 Aug 2023 11:21

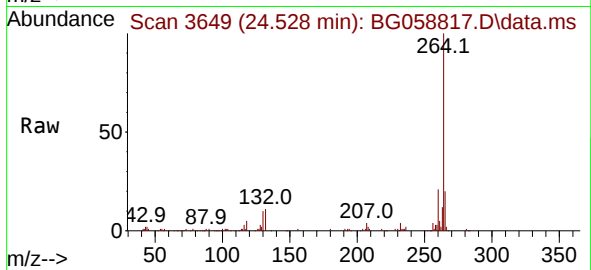
Tgt Ion:244 Resp: 787065
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.2
122 8.1 6.3 9.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.528 min Scan# 30
 Delta R.T. 0.005 min
 Lab File: BG058817.D
 Acq: 23 Aug 2023 11:21

Instrument :
 BNA_G
 ClientSampleId :
 PB154929BL



Tgt Ion:	264	Resp:	179737
Ion Ratio	Lower	Upper	
264	100		
260	21.5	18.2	27.2
265	19.9	16.4	24.6

