

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082123\
 Data File : BG058793.D
 Acq On : 21 Aug 2023 14:28
 Operator : MA/JU
 Sample : 04086-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-PP09A

Quant Time: Aug 22 01:26:50 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)

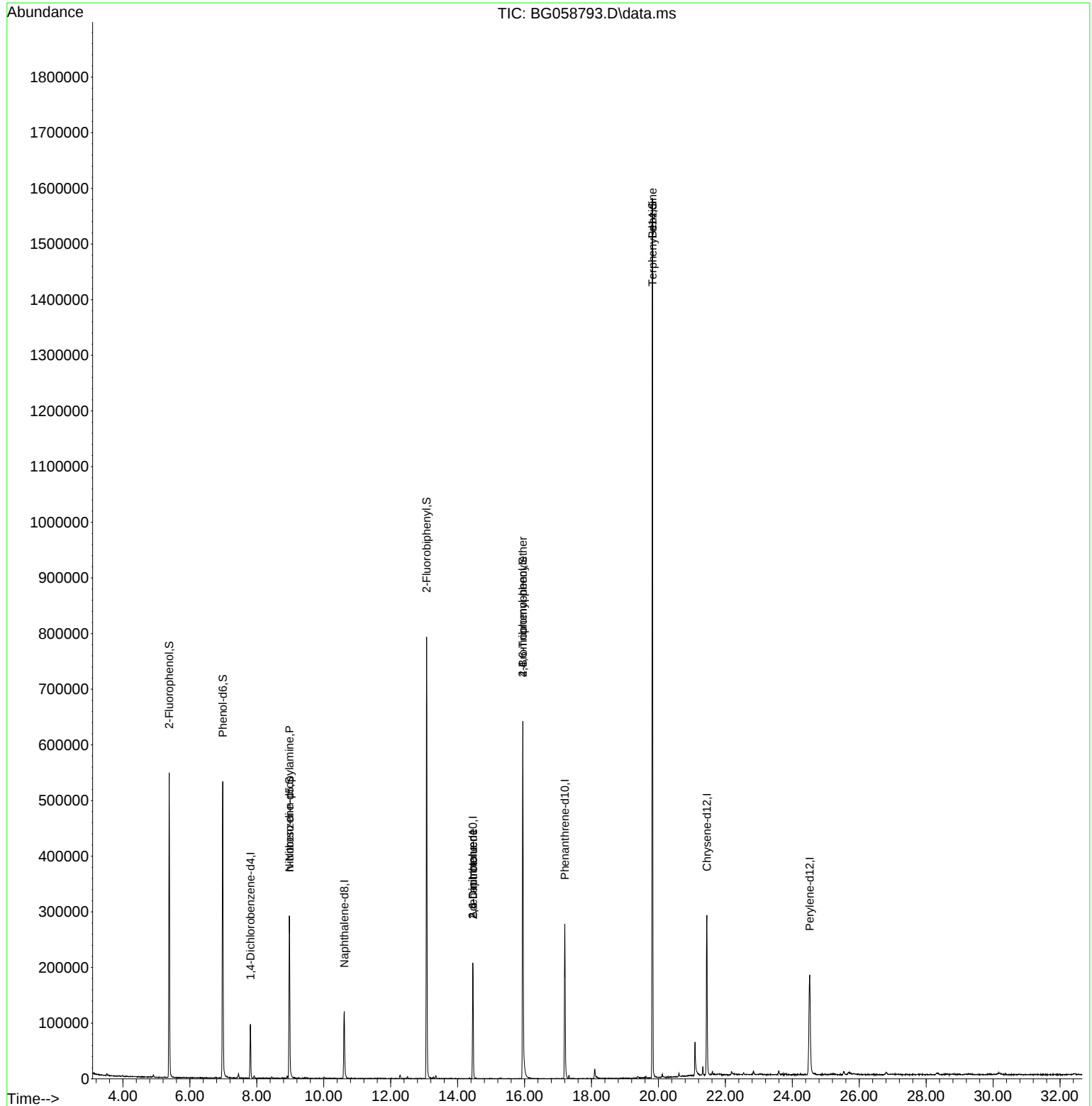
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	26210	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	111792	20.000	ng	0.00
39) Acenaphthene-d10	14.456	164	81513	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	209491	20.000	ng	0.00
76) Chrysene-d12	21.448	240	187172	20.000	ng	0.00
86) Perylene-d12	24.521	264	229418	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	215330	132.210	ng	0.00
7) Phenol-d6	6.983	99	294442	128.854	ng	0.00
23) Nitrobenzene-d5	8.974	82	182436	78.459	ng	0.00
42) 2,4,6-Tribromophenol	15.949	330	159272	124.615	ng	0.00
45) 2-Fluorobiphenyl	13.076	172	435783	77.758	ng	0.00
79) Terphenyl-d14	19.821	244	836964	80.292	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.974	70	23253	15.742	ng	Qvalue # 74
51) 2,6-Dinitrotoluene	14.456	165	10875	8.202	ng	# 22
57) 2,4-Dinitrotoluene	14.456	165	10875	5.880	ng	# 19
67) 4-Bromophenyl-phenylether	15.949	248	9546	4.153	ng	# 1
77) Benzidine	19.826	184	12305	3.668	ng	# 89

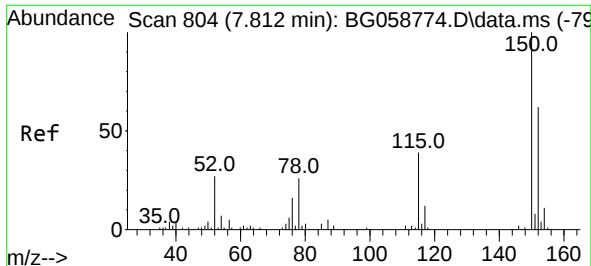
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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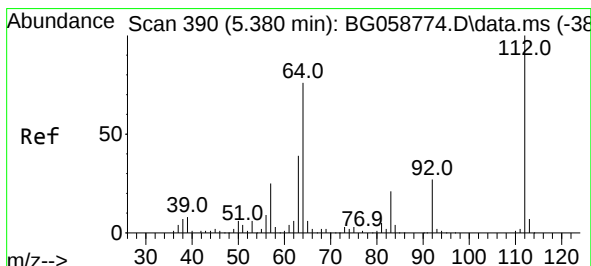
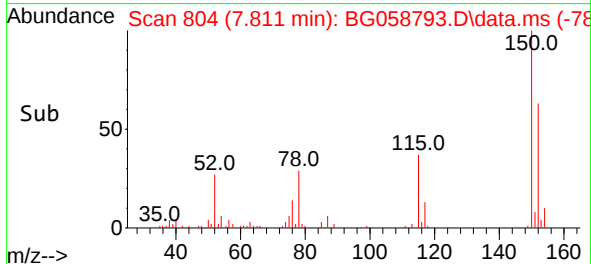
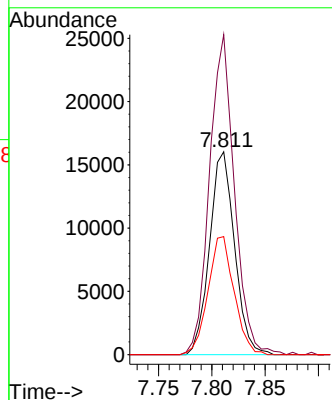
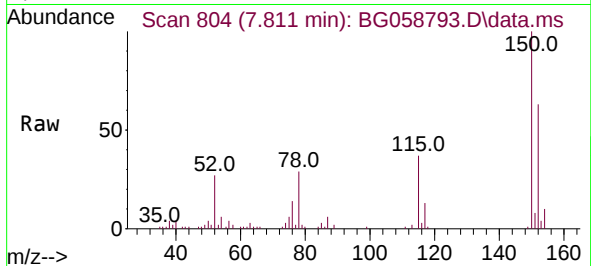




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.811 min Scan# 804
 Delta R.T. -0.001 min
 Lab File: BG058793.D
 Acq: 21 Aug 2023 14:28

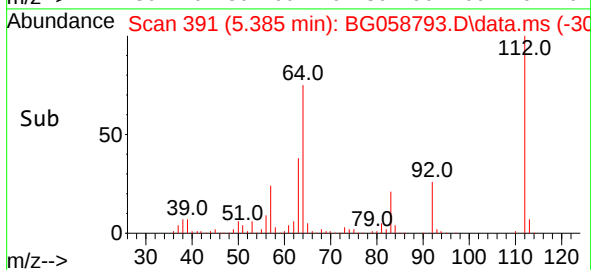
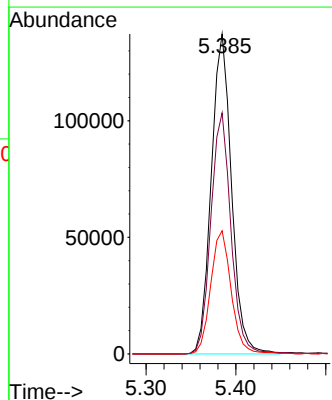
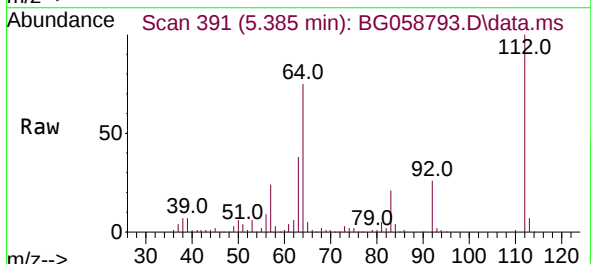
Instrument :
 BNA_G
 ClientSampleId :
 B-PP09A

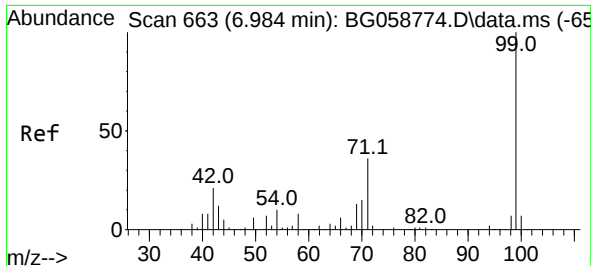
Tgt Ion:152 Resp: 26210
 Ion Ratio Lower Upper
 152 100
 150 157.7 128.6 192.8
 115 58.2 50.4 75.6



#5
 2-Fluorophenol
 Concen: 132.210 ng
 RT: 5.385 min Scan# 391
 Delta R.T. 0.005 min
 Lab File: BG058793.D
 Acq: 21 Aug 2023 14:28

Tgt Ion:112 Resp: 215330
 Ion Ratio Lower Upper
 112 100
 64 75.3 60.6 90.8
 63 38.5 31.0 46.4

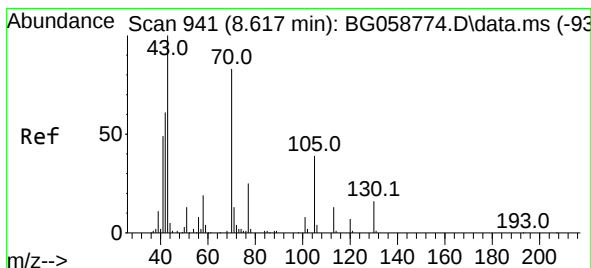
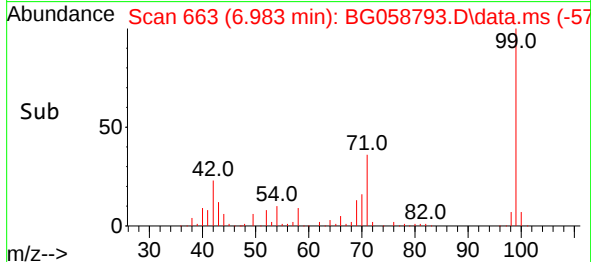
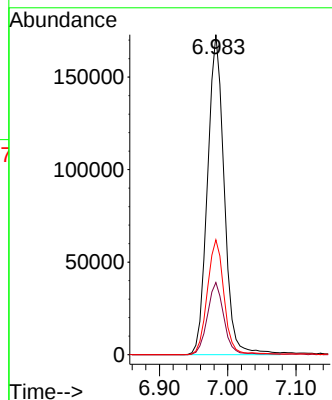
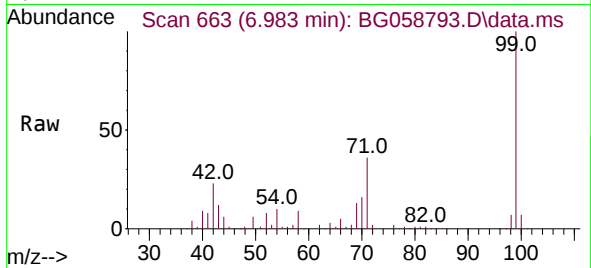




#7
Phenol-d6
Concen: 128.854 ng
RT: 6.983 min Scan# 60
Delta R.T. -0.001 min
Lab File: BG058793.D
Acq: 21 Aug 2023 14:28

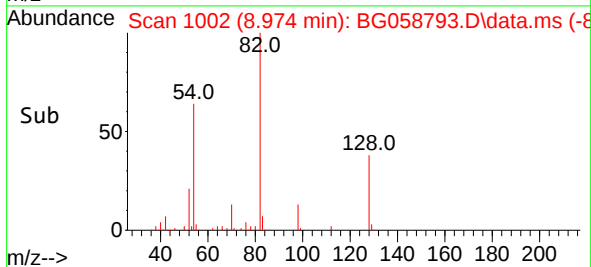
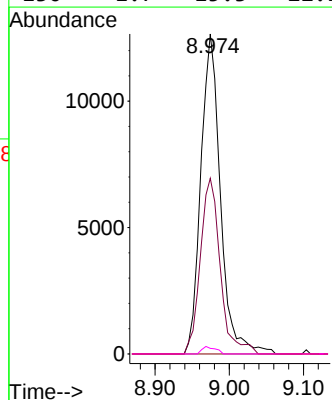
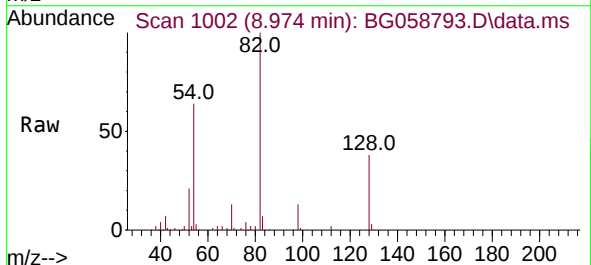
Instrument :
BNA_G
ClientSampleId :
B-PP09A

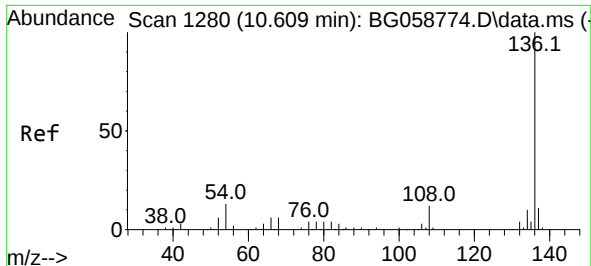
Tgt Ion: 99 Resp: 294442
Ion Ratio Lower Upper
99 100
42 22.5 16.5 24.7
71 35.9 28.4 42.6



#19
n-Nitroso-di-n-propylamine
Concen: 15.742 ng
RT: 8.974 min Scan# 1002
Delta R.T. 0.357 min
Lab File: BG058793.D
Acq: 21 Aug 2023 14:28

Tgt Ion: 70 Resp: 23253
Ion Ratio Lower Upper
70 100
42 54.9 59.2 88.8#
101 0.0 8.2 12.2#
130 1.7 15.3 22.9#

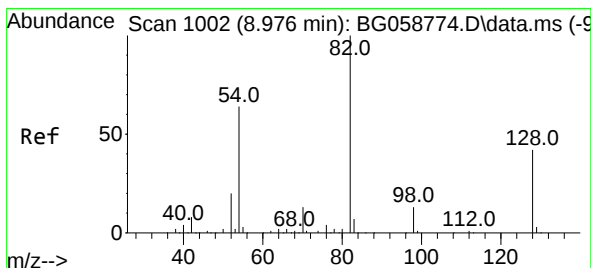
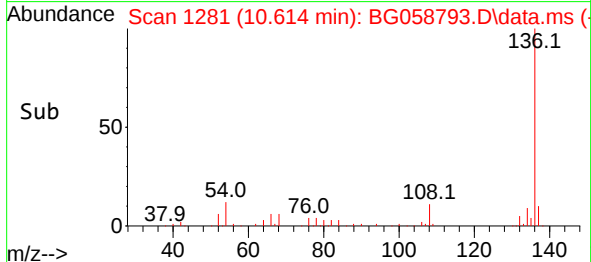
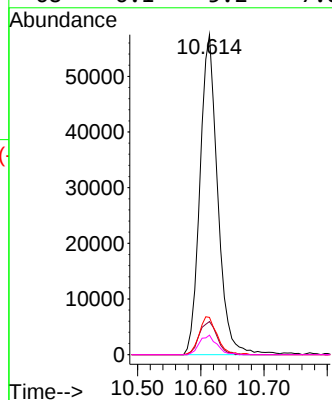
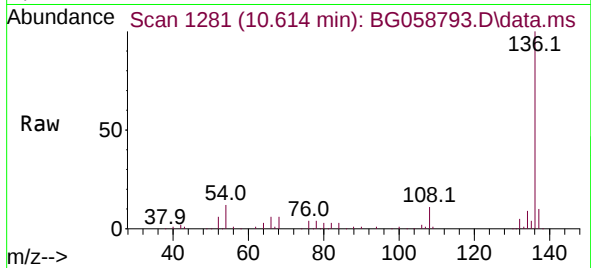




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.614 min Scan# 1281
Delta R.T. 0.005 min
Lab File: BG058793.D
Acq: 21 Aug 2023 14:28

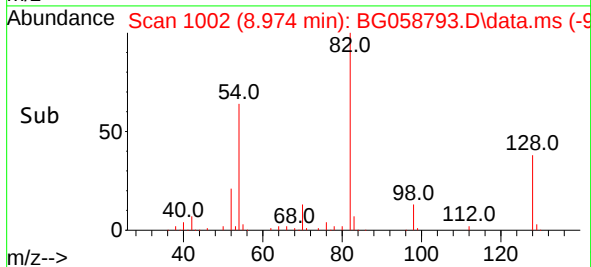
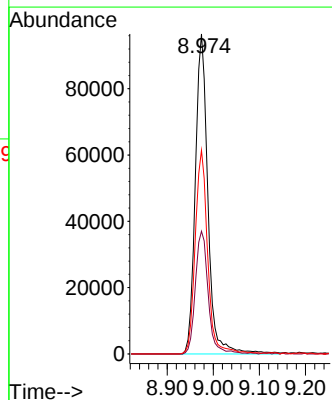
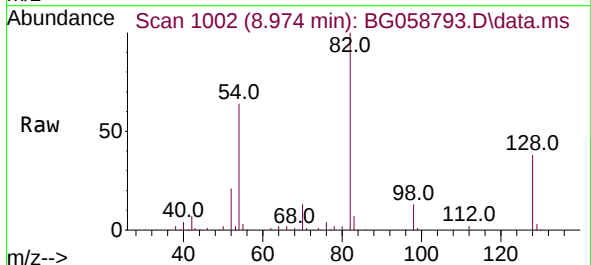
Instrument :
BNA_G
ClientSampleId :
B-PP09A

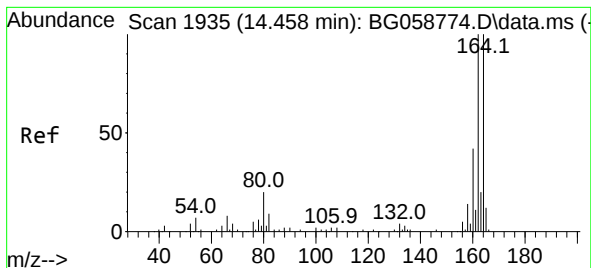
Tgt Ion:	136	Resp:	111792
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.7	13.1
54	11.6	10.1	15.1
68	6.1	5.2	7.8



#23
Nitrobenzene-d5
Concen: 78.459 ng
RT: 8.974 min Scan# 1002
Delta R.T. -0.001 min
Lab File: BG058793.D
Acq: 21 Aug 2023 14:28

Tgt Ion:	82	Resp:	182436
Ion	Ratio	Lower	Upper
82	100		
128	38.3	33.2	49.8
54	63.7	51.2	76.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.456 min Scan# 1935

Delta R.T. -0.001 min

Lab File: BG058793.D

Acq: 21 Aug 2023 14:28

Instrument :

BNA_G

ClientSampleId :

B-PP09A

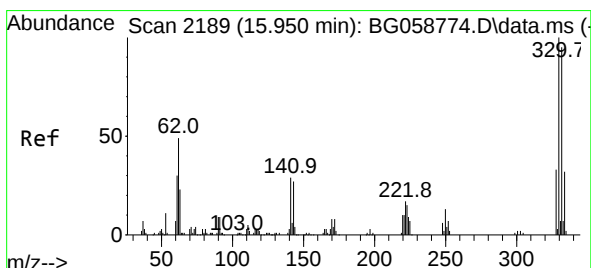
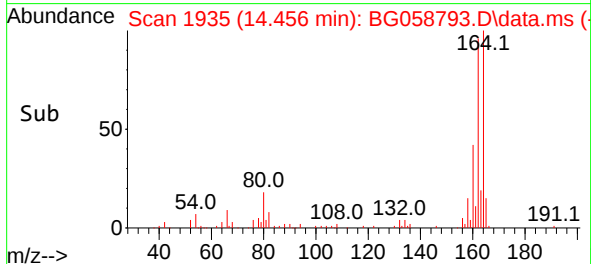
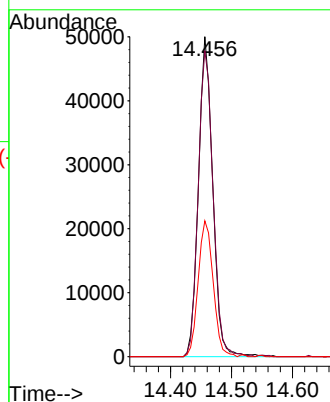
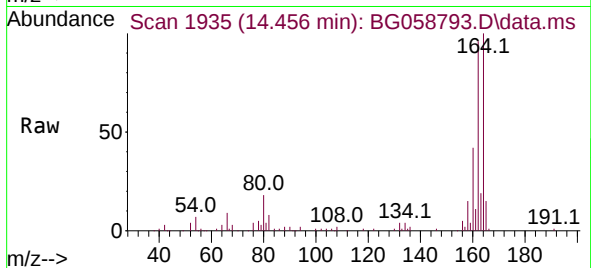
Tgt Ion:164 Resp: 81513

Ion Ratio Lower Upper

164 100

162 95.6 79.6 119.4

160 42.4 34.0 51.0



#42

2,4,6-Tribromophenol

Concen: 124.615 ng

RT: 15.949 min Scan# 2189

Delta R.T. -0.001 min

Lab File: BG058793.D

Acq: 21 Aug 2023 14:28

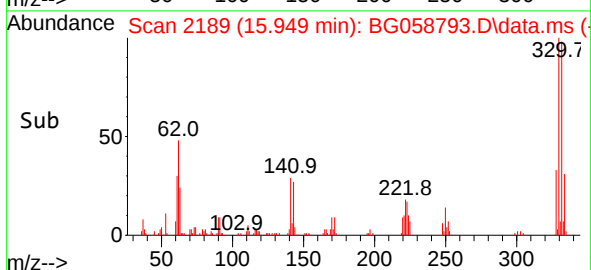
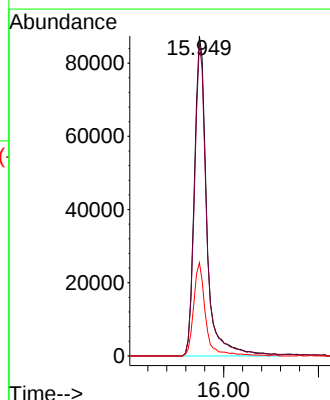
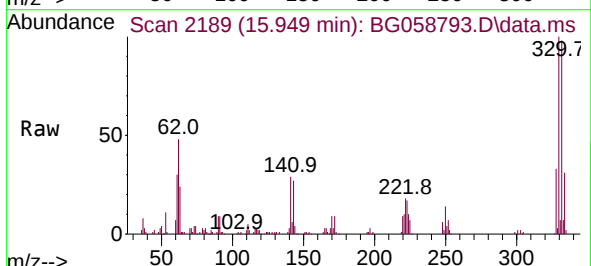
Tgt Ion:330 Resp: 159272

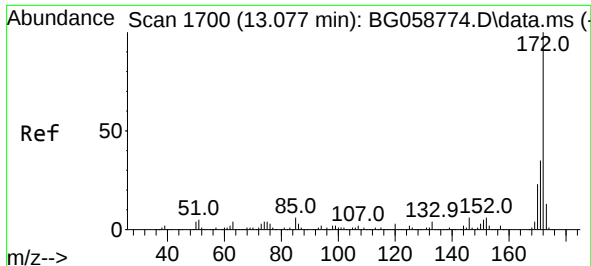
Ion Ratio Lower Upper

330 100

332 96.4 78.5 117.7

141 28.0 23.0 34.6

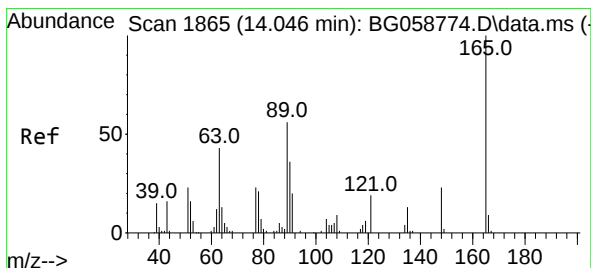
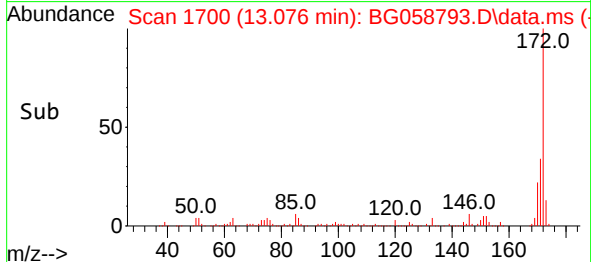
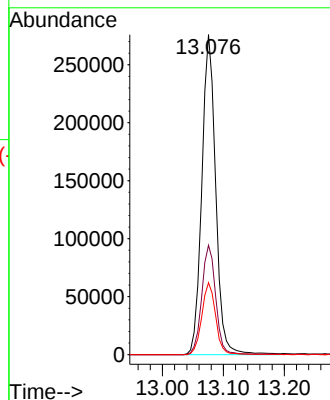
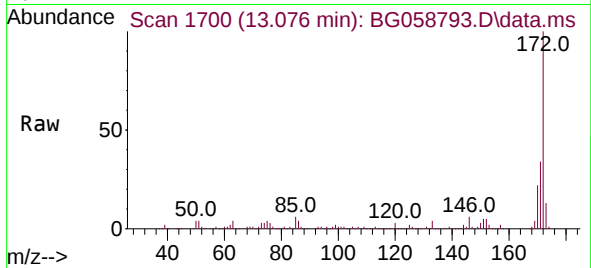




#45
2-Fluorobiphenyl
Concen: 77.758 ng
RT: 13.076 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG058793.D
Acq: 21 Aug 2023 14:28

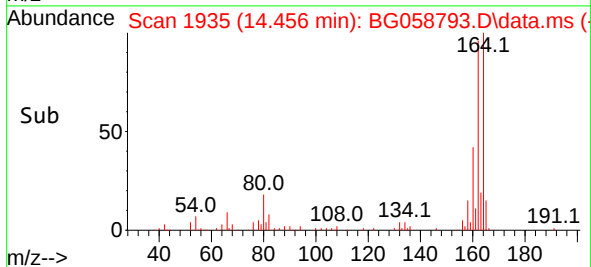
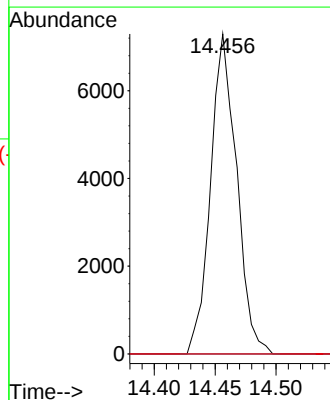
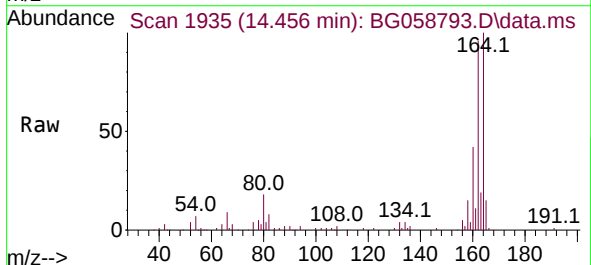
Instrument :
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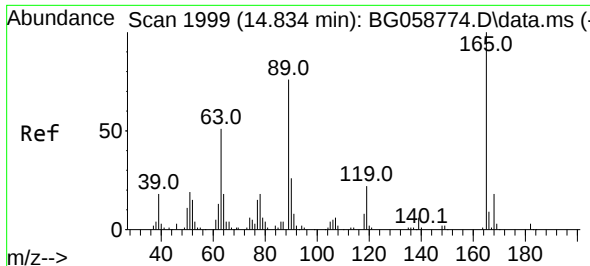
Tgt Ion:172 Resp: 435783
Ion Ratio Lower Upper
172 100
171 34.2 28.1 42.1
170 22.5 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.202 ng
RT: 14.456 min Scan# 1935
Delta R.T. 0.410 min
Lab File: BG058793.D
Acq: 21 Aug 2023 14:28

Tgt Ion:165 Resp: 10875
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: 5.880 ng

RT: 14.456 min Scan# 1999

Delta R.T. -0.377 min

Lab File: BG058793.D

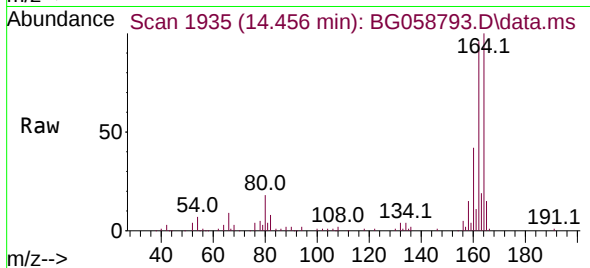
Acq: 21 Aug 2023 14:28

Instrument :

BNA_G

ClientSampleId :

B-PP09A



Tgt Ion:165 Resp: 10875

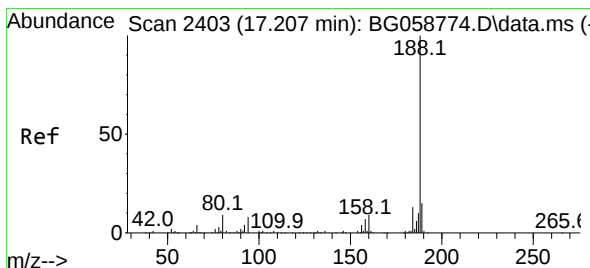
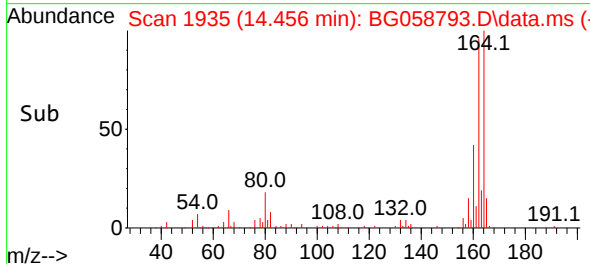
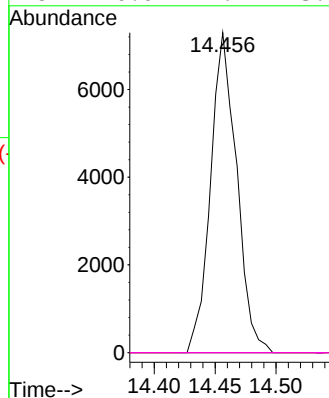
Ion Ratio Lower Upper

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: 17.206 min Scan# 2403

Delta R.T. -0.001 min

Lab File: BG058793.D

Acq: 21 Aug 2023 14:28

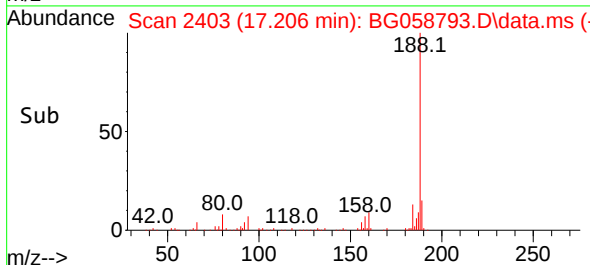
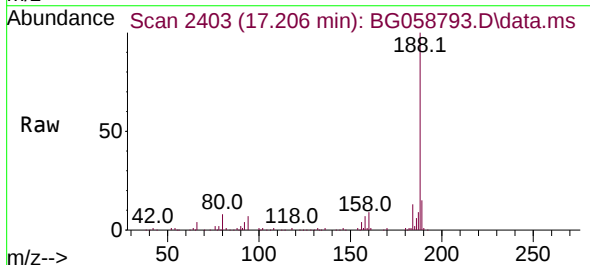
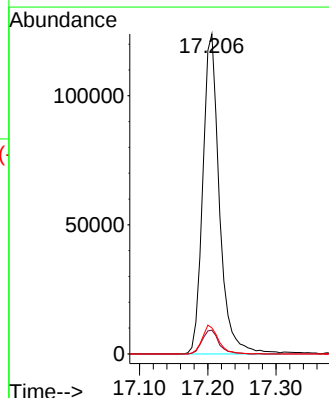
Tgt Ion:188 Resp: 209491

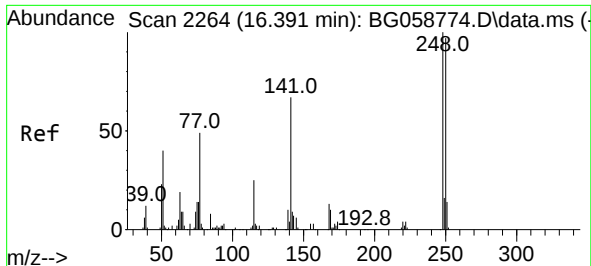
Ion Ratio Lower Upper

188 100

94 7.4 6.1 9.1

80 8.1 6.9 10.3

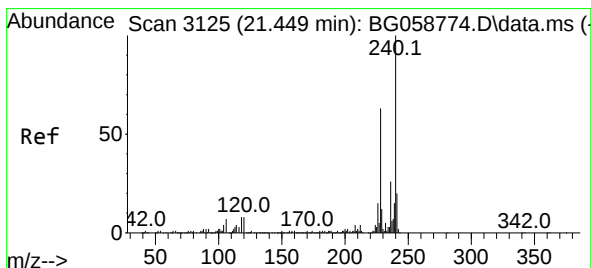
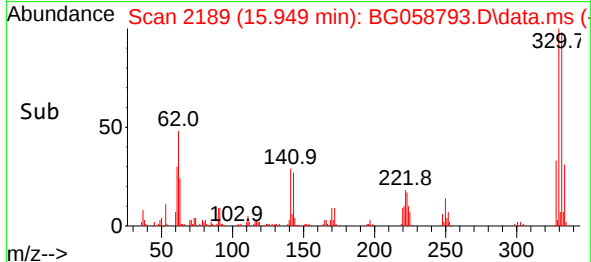
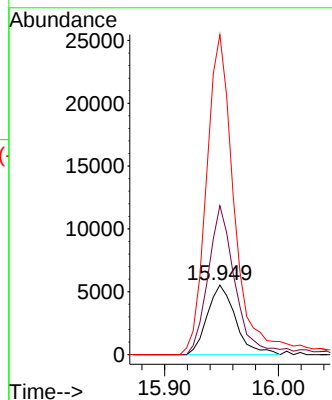
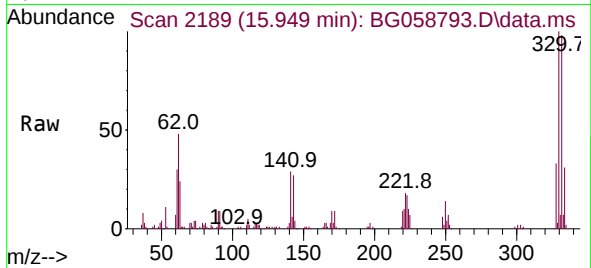




#67
4-Bromophenyl-phenylether
Concen: 4.153 ng
RT: 15.949 min Scan# 2189
Delta R.T. -0.442 min
Lab File: BG058793.D
Acq: 21 Aug 2023 14:28

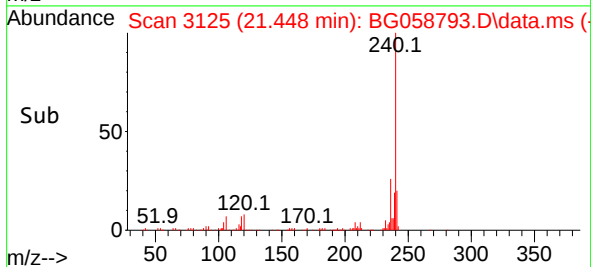
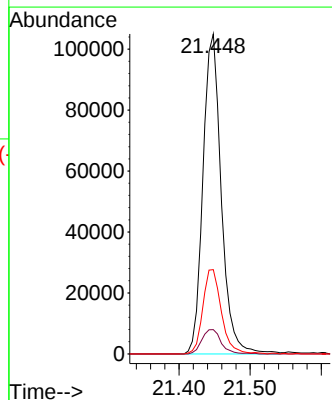
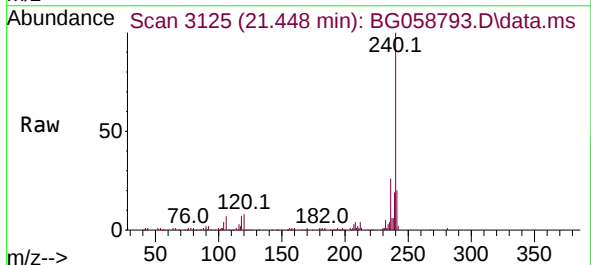
Instrument :
BNA_G
ClientSampleId :
B-PP09A

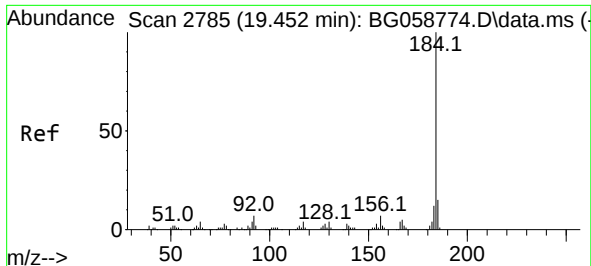
Tgt Ion:248 Resp: 9546
Ion Ratio Lower Upper
248 100
250 214.0 77.7 116.5#
141 460.1 53.6 80.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.448 min Scan# 3125
Delta R.T. -0.001 min
Lab File: BG058793.D
Acq: 21 Aug 2023 14:28

Tgt Ion:240 Resp: 187172
Ion Ratio Lower Upper
240 100
120 7.6 6.2 9.2
236 26.4 20.5 30.7

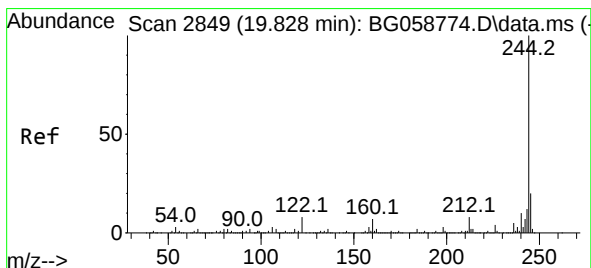
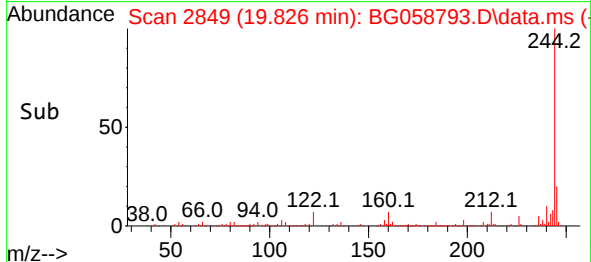
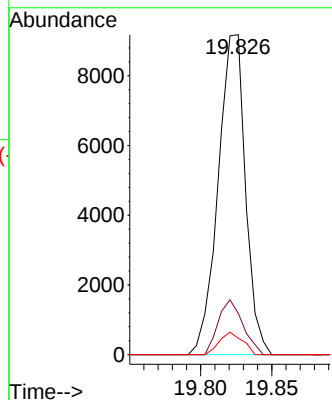
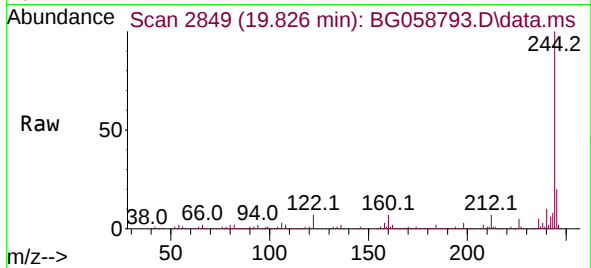




#77
Benzidine
Concen: 3.668 ng
RT: 19.826 min Scan# 2849
Delta R.T. 0.374 min
Lab File: BG058793.D
Acq: 21 Aug 2023 14:28

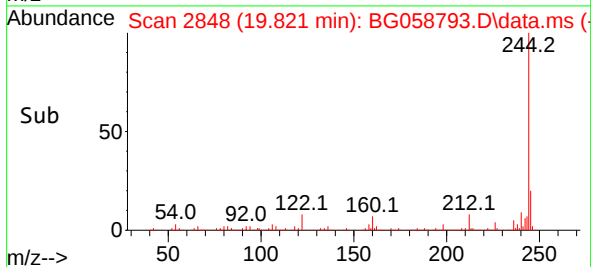
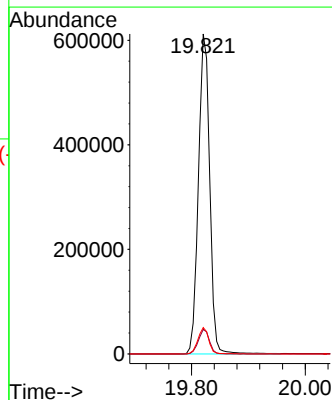
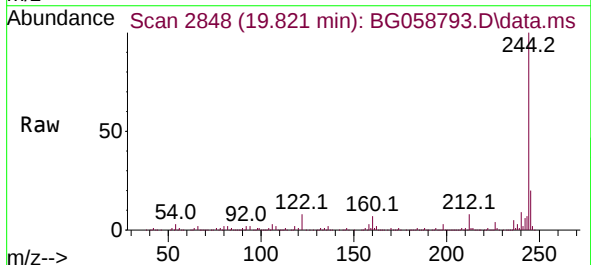
Instrument :
BNA_G
ClientSampleId :
B-PP09A

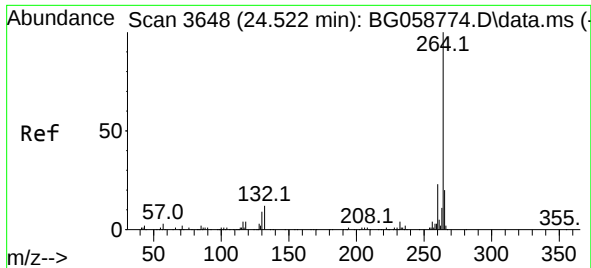
Tgt Ion:184 Resp: 12305
Ion Ratio Lower Upper
184 100
185 12.9 11.9 17.9
183 5.1 10.0 15.0#



#79
Terphenyl-d14
Concen: 80.292 ng
RT: 19.821 min Scan# 2848
Delta R.T. -0.007 min
Lab File: BG058793.D
Acq: 21 Aug 2023 14:28

Tgt Ion:244 Resp: 836964
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.2
122 8.2 6.3 9.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.521 min Scan# 30
 Delta R.T. -0.001 min
 Lab File: BG058793.D
 Acq: 21 Aug 2023 14:28

Instrument :
 BNA_G
 ClientSampleId :
 B-PP09A

Tgt Ion:264	Resp:	229418
Ion Ratio	Lower	Upper
264	100	
260	23.1	18.2 27.2
265	19.9	16.4 24.6

