

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080823\
 Data File : BG058643.D
 Acq On : 8 Aug 2023 15:06
 Operator : MA/JU
 Sample : 03903-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-06

Quant Time: Aug 09 04:10:59 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)

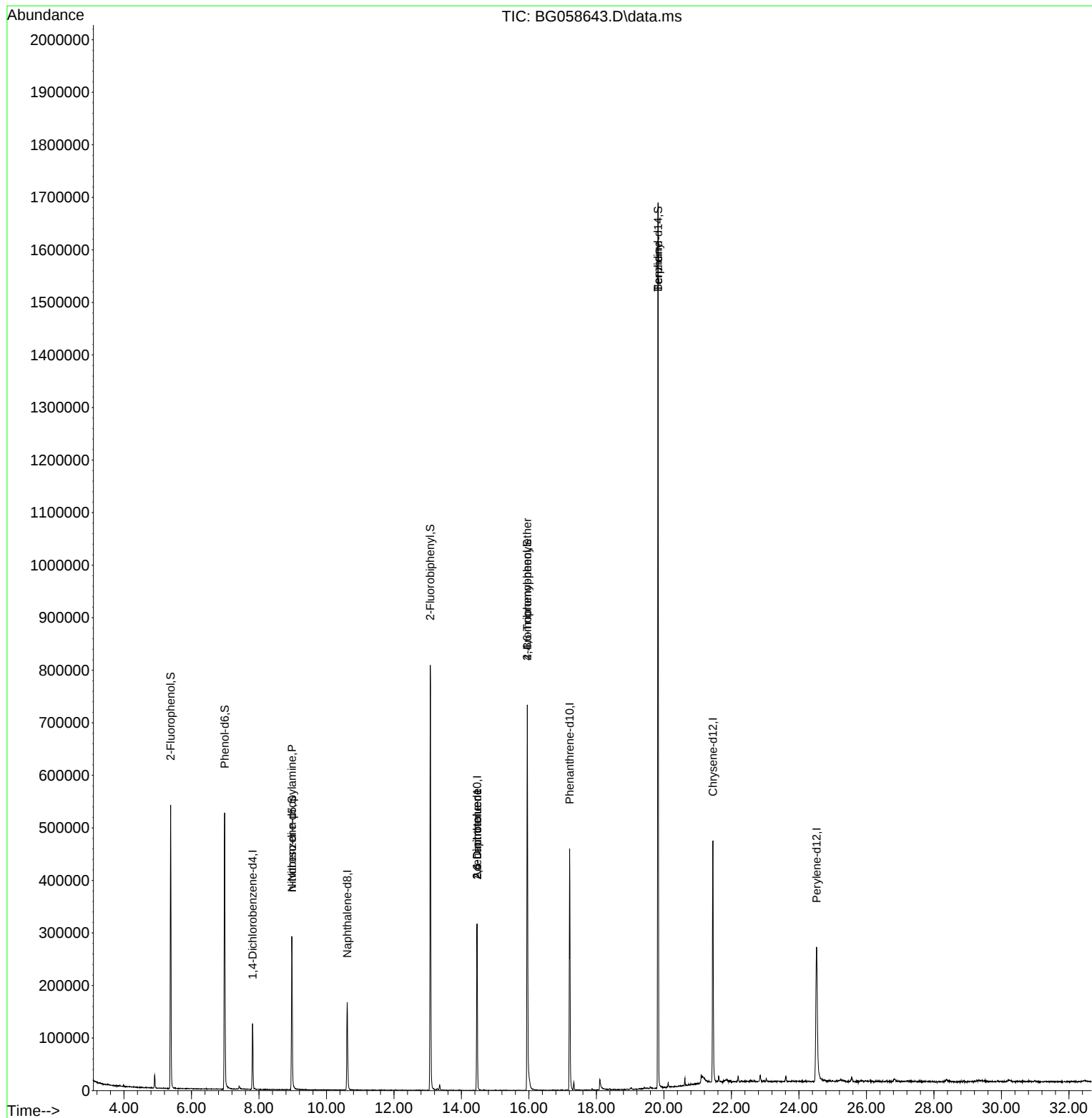
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	34713	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	156914	20.000	ng	0.00
39) Acenaphthene-d10	14.462	164	122815	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	326369	20.000	ng	0.00
76) Chrysene-d12	21.448	240	290772	20.000	ng	0.00
86) Perylene-d12	24.521	264	350502	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	228797	100.742	ng	0.00
7) Phenol-d6	6.983	99	326918	103.448	ng	0.00
23) Nitrobenzene-d5	8.975	82	189190	59.230	ng	0.00
42) 2,4,6-Tribromophenol	15.949	330	179767	89.302	ng	0.00
45) 2-Fluorobiphenyl	13.076	172	472933	57.707	ng	0.00
79) Terphenyl-d14	19.827	244	939305	60.748	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.975	70	23273	11.401	ng	# 78
51) 2,6-Dinitrotoluene	14.462	165	15662	7.739	ng	# 25
57) 2,4-Dinitrotoluene	14.462	165	15662	5.582	ng	# 25
67) 4-Bromophenyl-phenylether	15.949	248	11404	3.081	ng	# 1
77) Benzidine	19.827	184	11109	2.519	ng	# 92

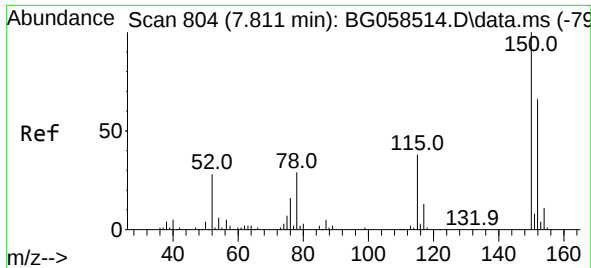
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080823\
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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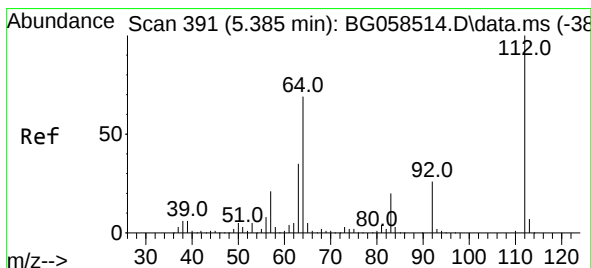
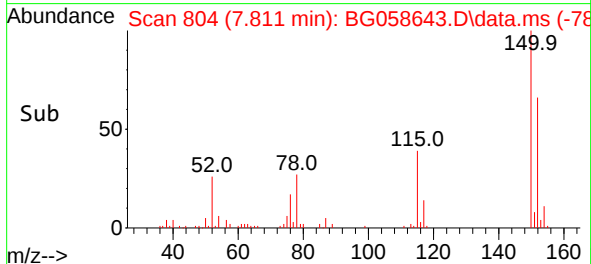
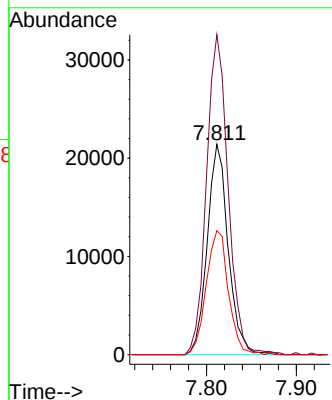
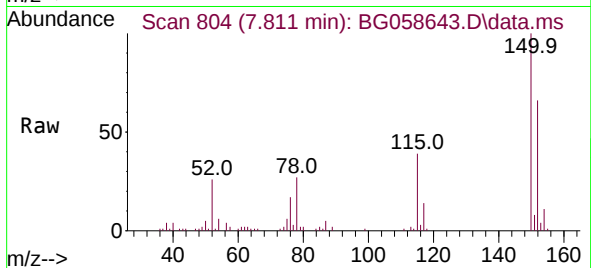




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.811 min Scan# 804
Delta R.T. 0.000 min
Lab File: BG058643.D
Acq: 8 Aug 2023 15:06

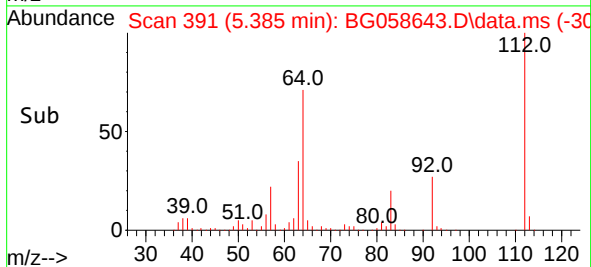
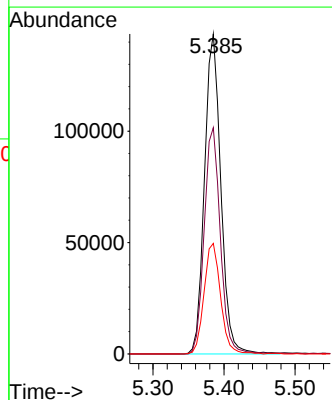
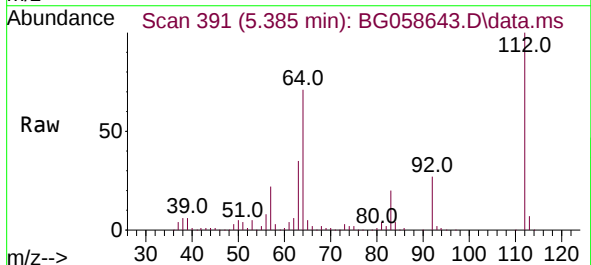
Instrument :
BNA_G
ClientSampleId :
MW-06

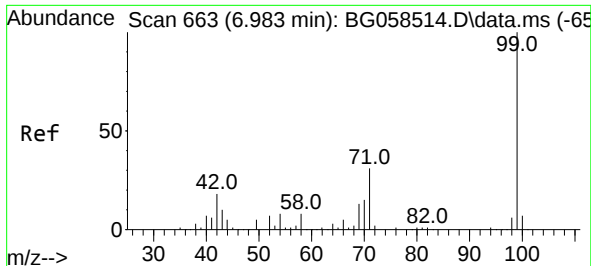
Tgt Ion:152 Resp: 34713
Ion Ratio Lower Upper
152 100
150 152.3 120.5 180.7
115 59.0 45.9 68.9



#5
2-Fluorophenol
Concen: 100.742 ng
RT: 5.385 min Scan# 391
Delta R.T. 0.000 min
Lab File: BG058643.D
Acq: 8 Aug 2023 15:06

Tgt Ion:112 Resp: 228797
Ion Ratio Lower Upper
112 100
64 70.7 55.3 82.9
63 34.5 28.3 42.5

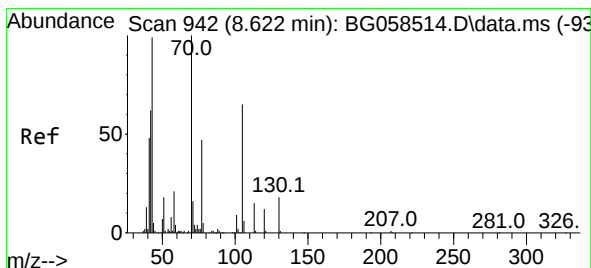
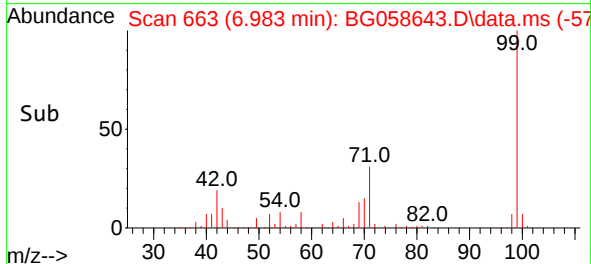
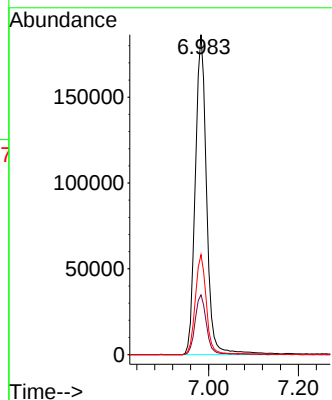
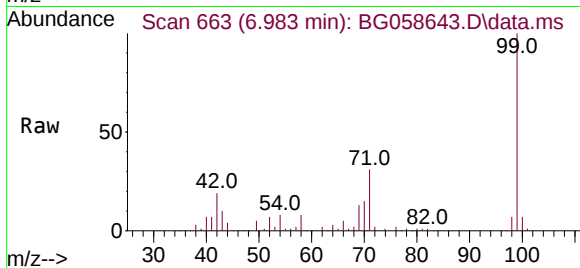




#7
Phenol-d6
Concen: 103.448 ng
RT: 6.983 min Scan# 60
Delta R.T. 0.000 min
Lab File: BG058643.D
Acq: 8 Aug 2023 15:06

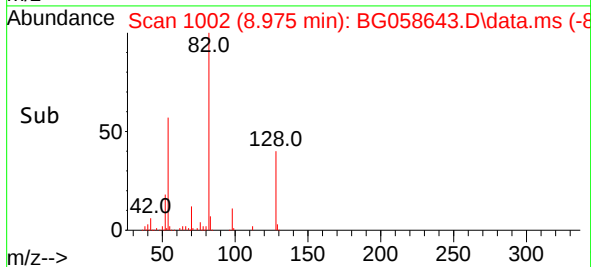
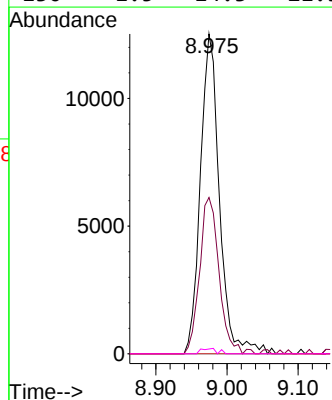
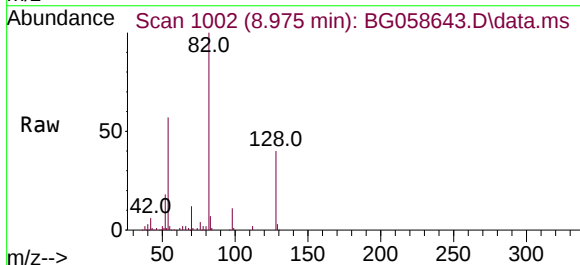
Instrument :
BNA_G
ClientSampleId :
MW-06

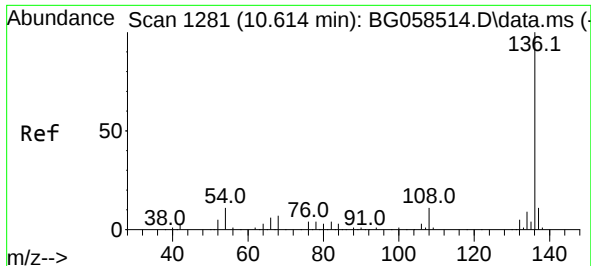
Tgt Ion: 99 Resp: 326918
Ion Ratio Lower Upper
99 100
42 18.7 14.6 21.8
71 31.2 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.401 ng
RT: 8.975 min Scan# 1002
Delta R.T. 0.353 min
Lab File: BG058643.D
Acq: 8 Aug 2023 15:06

Tgt Ion: 70 Resp: 23273
Ion Ratio Lower Upper
70 100
42 48.9 49.7 74.5#
101 0.0 7.0 10.4#
130 1.5 14.3 21.5#

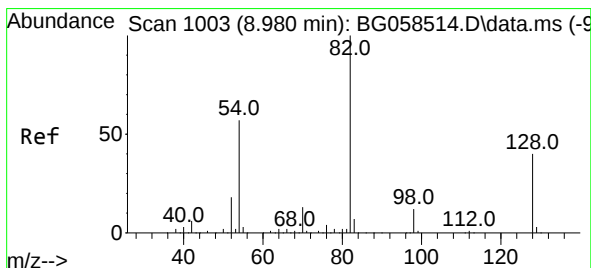
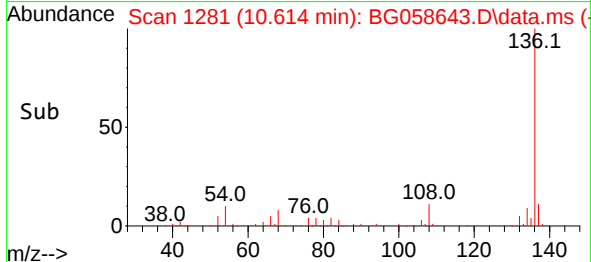
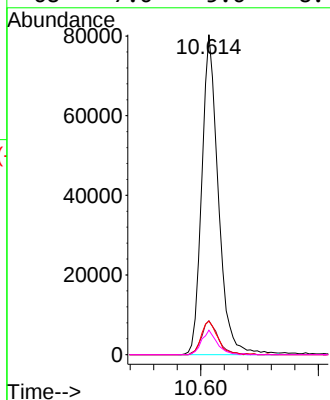
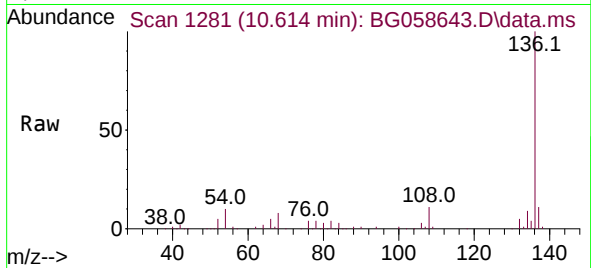




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.614 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG058643.D
Acq: 8 Aug 2023 15:06

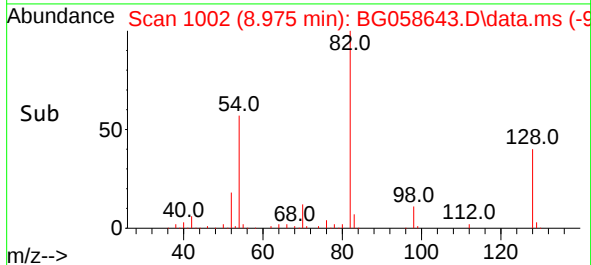
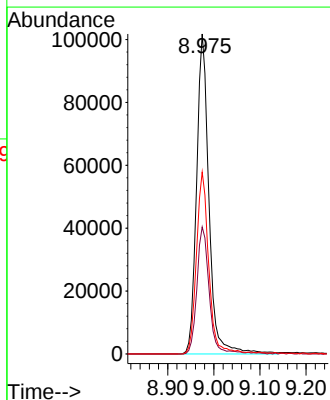
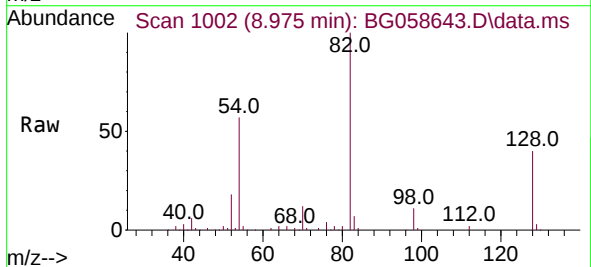
Instrument :
BNA_G
ClientSampleId :
MW-06

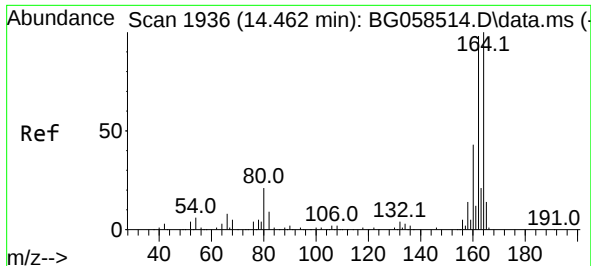
Tgt Ion:	136	Resp:	156914
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.6	13.0
54	10.5	8.9	13.3
68	7.6	5.6	8.4



#23
Nitrobenzene-d5
Concen: 59.230 ng
RT: 8.975 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BG058643.D
Acq: 8 Aug 2023 15:06

Tgt Ion:	82	Resp:	189190
Ion Ratio	Lower	Upper	
82	100		
128	39.7	32.2	48.2
54	56.8	46.0	69.0

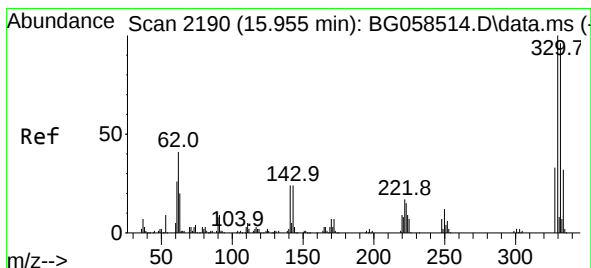
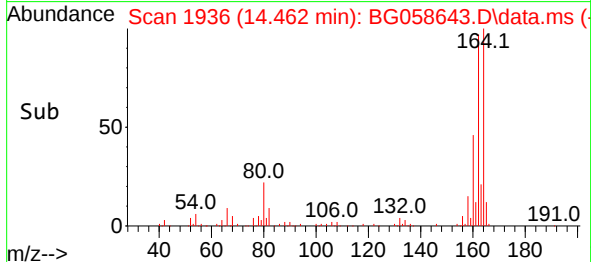
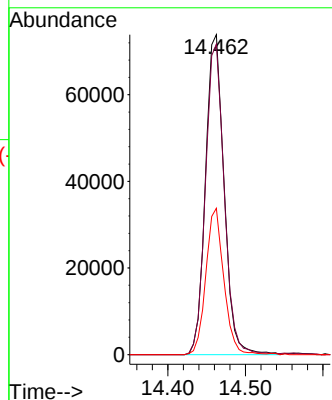
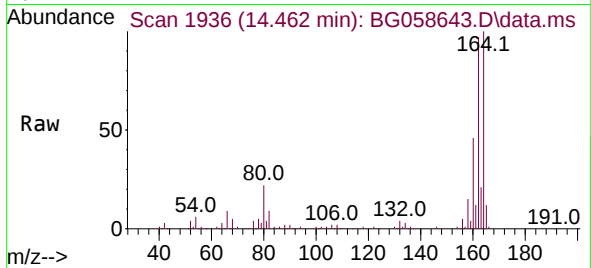




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.462 min Scan# 1936
Delta R.T. 0.000 min
Lab File: BG058643.D
Acq: 8 Aug 2023 15:06

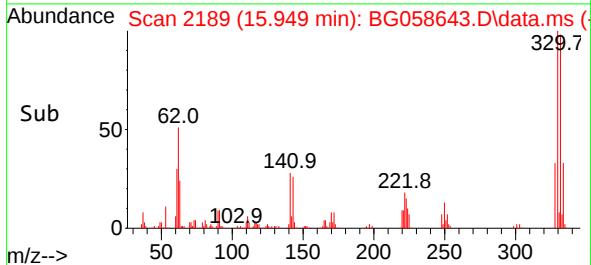
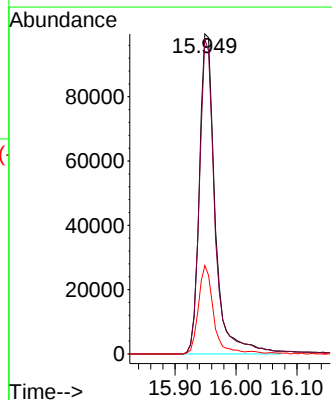
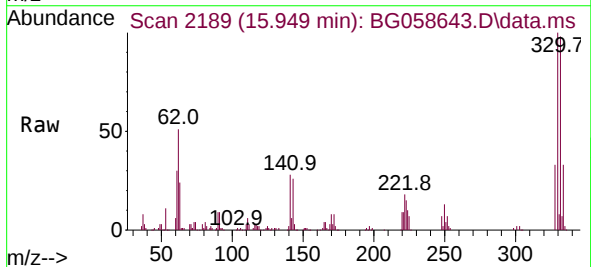
Instrument :
BNA_G
ClientSampleId :
MW-06

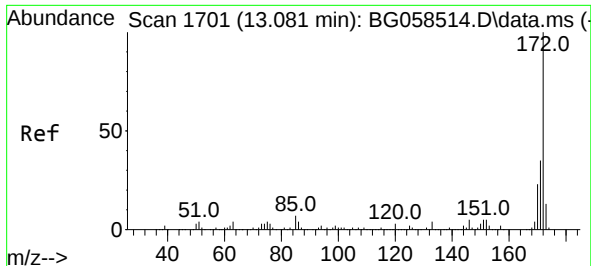
Tgt Ion:164 Resp: 122815
Ion Ratio Lower Upper
164 100
162 97.0 78.3 117.5
160 45.7 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 89.302 ng
RT: 15.949 min Scan# 2189
Delta R.T. -0.006 min
Lab File: BG058643.D
Acq: 8 Aug 2023 15:06

Tgt Ion:330 Resp: 179767
Ion Ratio Lower Upper
330 100
332 97.3 77.5 116.3
141 26.0 20.7 31.1

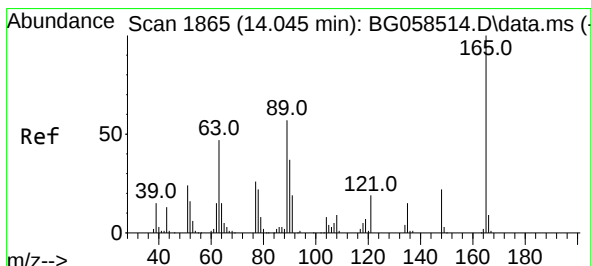
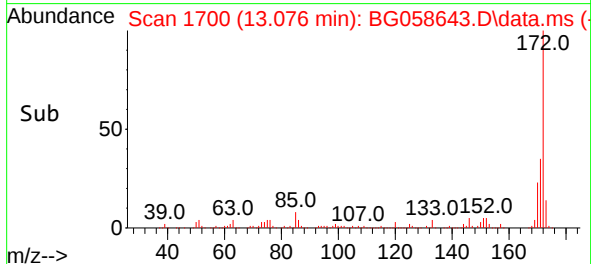
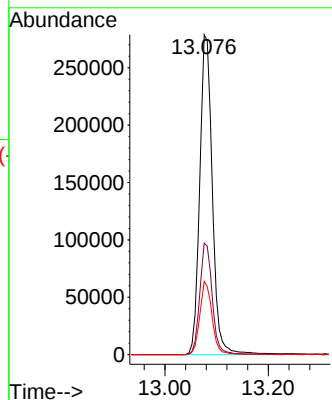
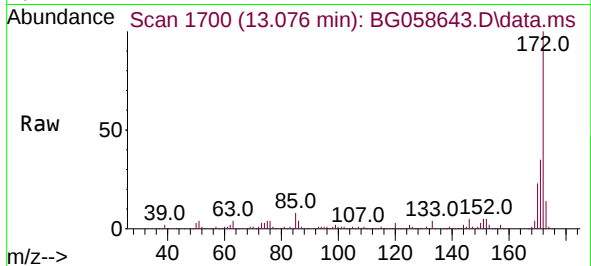




#45
2-Fluorobiphenyl
Concen: 57.707 ng
RT: 13.076 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG058643.D
Acq: 8 Aug 2023 15:06

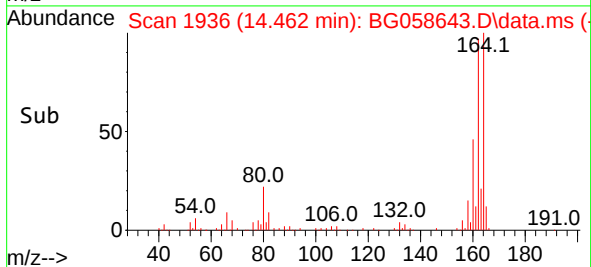
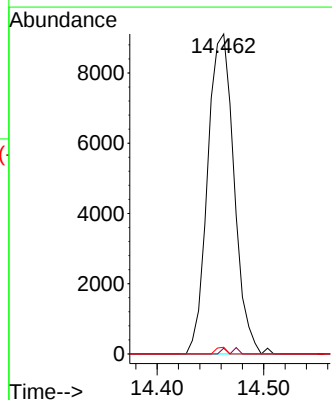
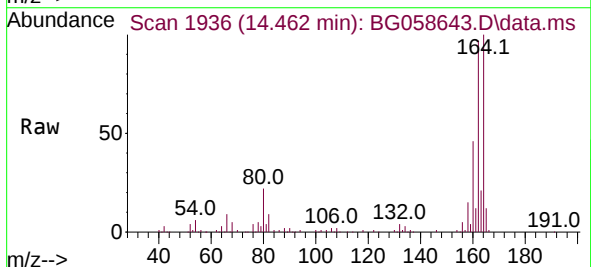
Instrument :
BNA_G
ClientSampleId :
MW-06

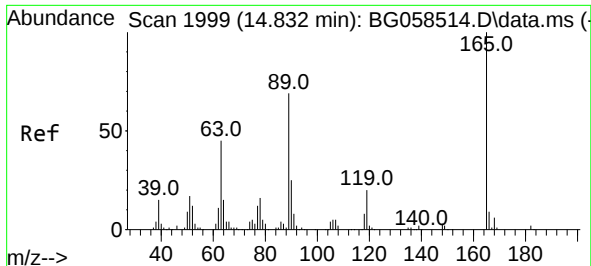
Tgt Ion:172 Resp: 472933
Ion Ratio Lower Upper
172 100
171 34.8 28.0 42.0
170 22.9 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 7.739 ng
RT: 14.462 min Scan# 1936
Delta R.T. 0.417 min
Lab File: BG058643.D
Acq: 8 Aug 2023 15:06

Tgt Ion:165 Resp: 15662
Ion Ratio Lower Upper
165 100
63 1.8 46.4 69.6#
89 2.1 45.3 67.9#





#57

2,4-Dinitrotoluene

Concen: 5.582 ng

RT: 14.462 min Scan# 1999

Delta R.T. -0.370 min

Lab File: BG058643.D

Acq: 8 Aug 2023 15:06

Instrument :

BNA_G

ClientSampleId :

MW-06

Tgt Ion:165 Resp: 15662

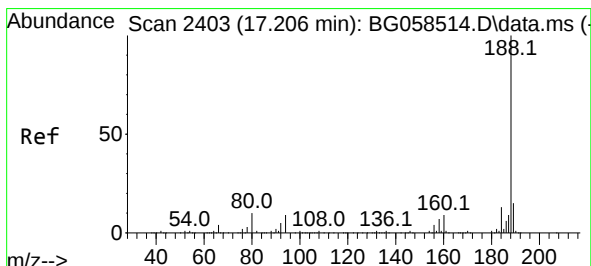
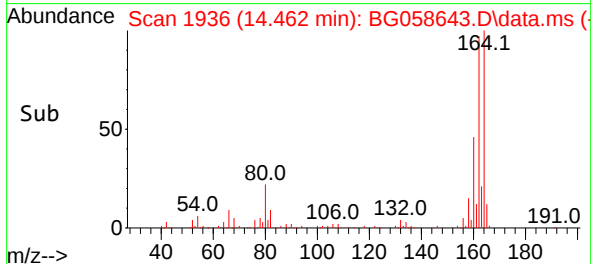
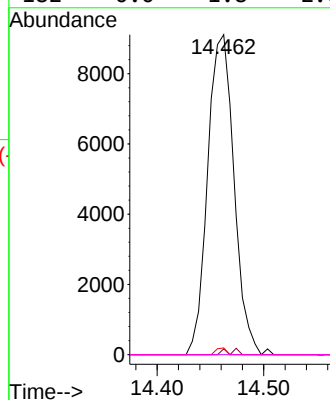
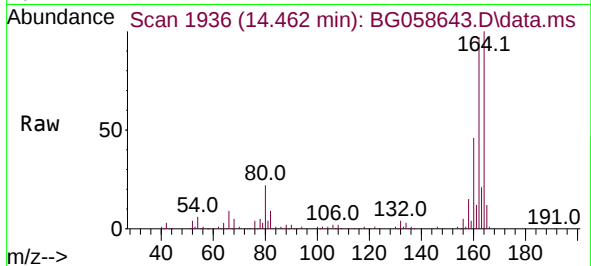
Ion Ratio Lower Upper

165 100

63 1.8 36.6 54.8#

89 2.1 55.4 83.0#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.206 min Scan# 2403

Delta R.T. 0.000 min

Lab File: BG058643.D

Acq: 8 Aug 2023 15:06

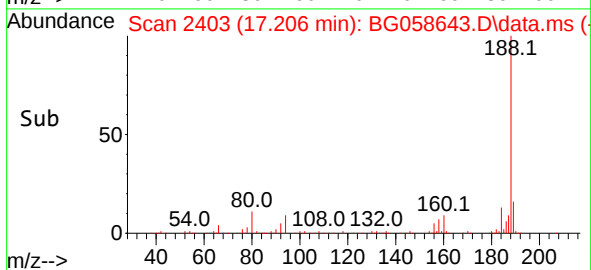
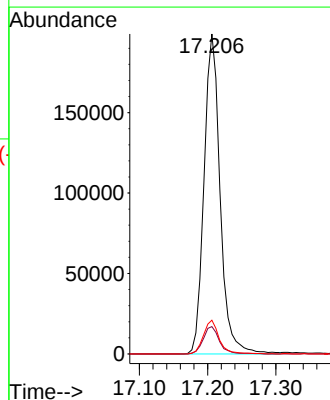
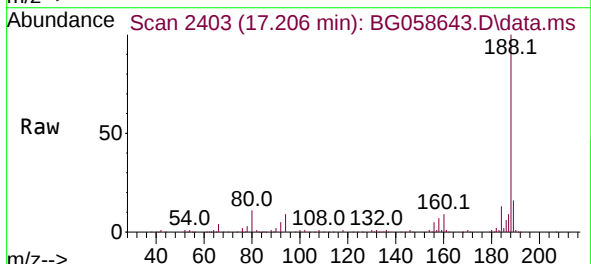
Tgt Ion:188 Resp: 326369

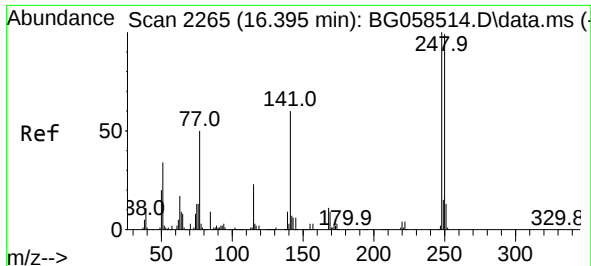
Ion Ratio Lower Upper

188 100

94 8.6 7.0 10.6

80 10.5 8.1 12.1





#67

4-Bromophenyl-phenylether

Concen: 3.081 ng

RT: 15.949 min Scan# 2189

Delta R.T. -0.446 min

Lab File: BG058643.D

Acq: 8 Aug 2023 15:06

Instrument :

BNA_G

ClientSampleId :

MW-06

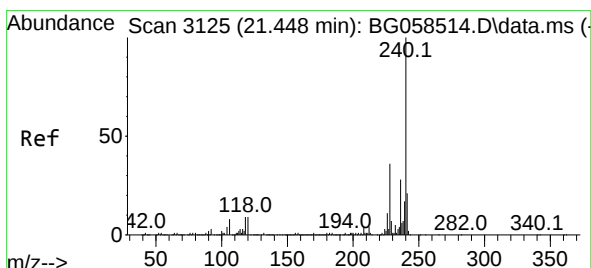
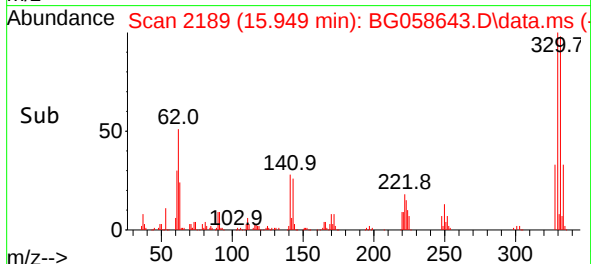
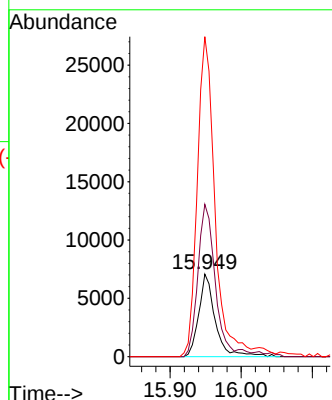
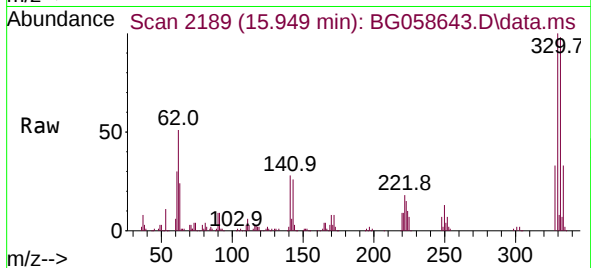
Tgt Ion:248 Resp: 11404

Ion Ratio Lower Upper

248 100

250 184.8 79.5 119.3#

141 388.2 48.2 72.2#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.448 min Scan# 3125

Delta R.T. 0.000 min

Lab File: BG058643.D

Acq: 8 Aug 2023 15:06

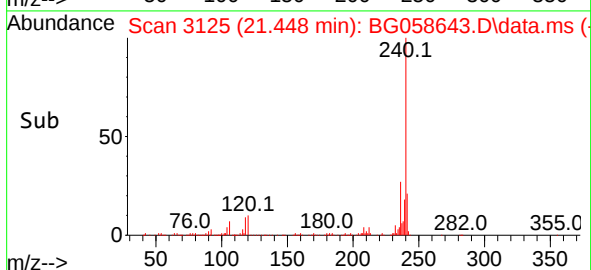
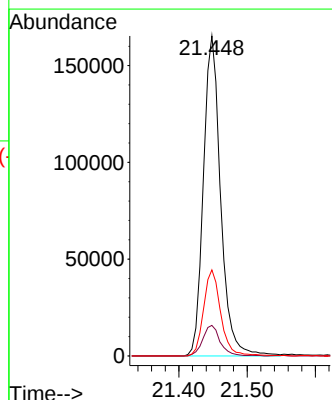
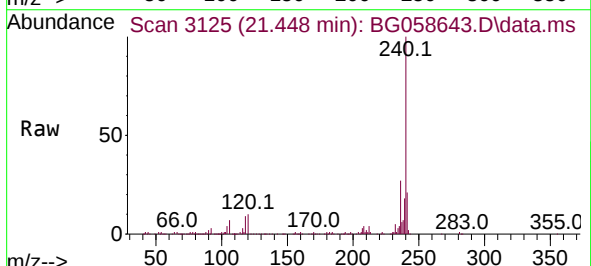
Tgt Ion:240 Resp: 290772

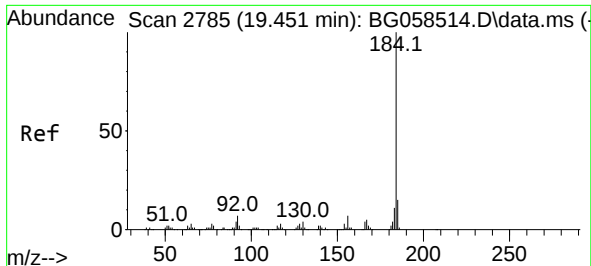
Ion Ratio Lower Upper

240 100

120 9.5 7.4 11.0

236 26.9 22.2 33.4

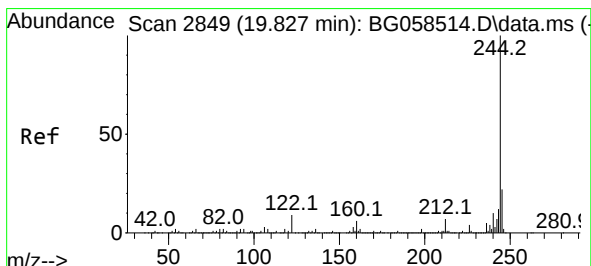
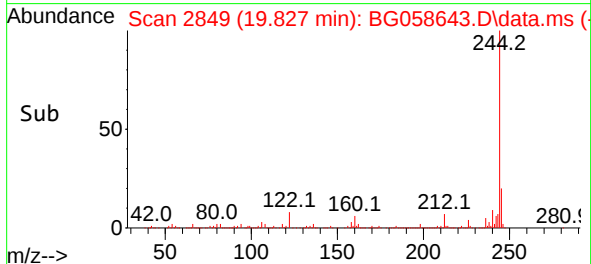
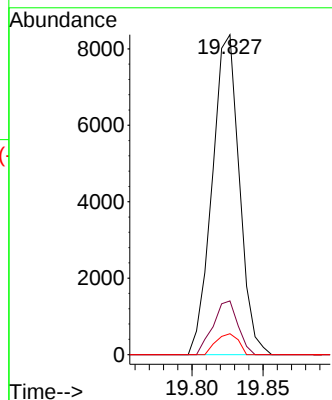
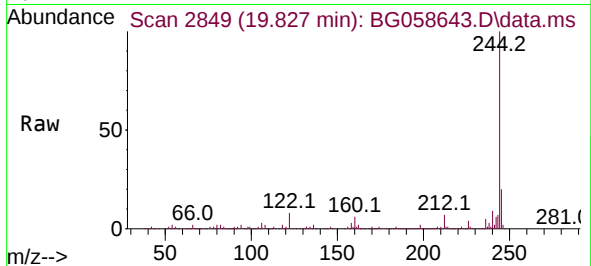




#77
Benzidine
Concen: 2.519 ng
RT: 19.827 min Scan# 2849
Delta R.T. 0.376 min
Lab File: BG058643.D
Acq: 8 Aug 2023 15:06

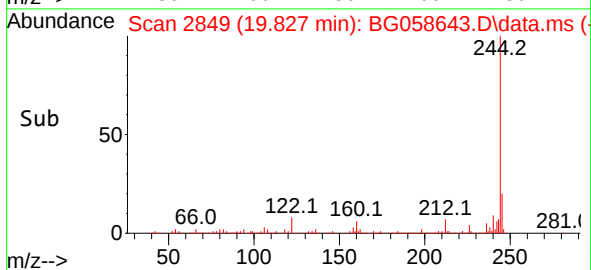
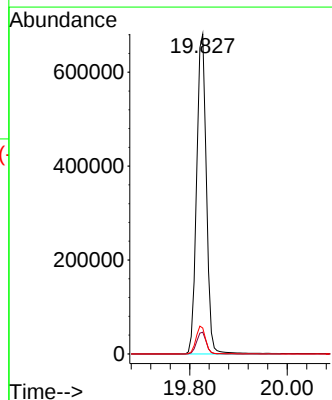
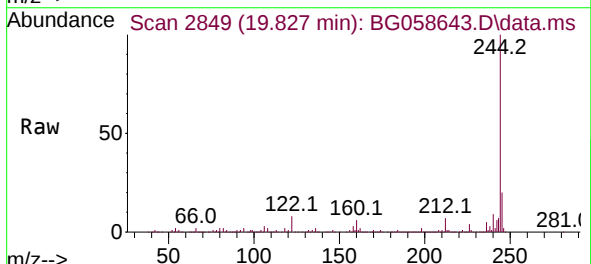
Instrument :
BNA_G
ClientSampleId :
MW-06

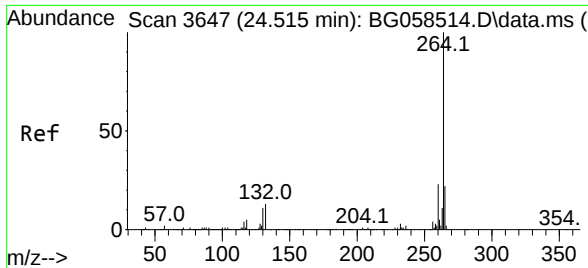
Tgt Ion:184 Resp: 11109
Ion Ratio Lower Upper
184 100
185 16.8 11.9 17.9
183 6.5 8.7 13.1#



#79
Terphenyl-d14
Concen: 60.748 ng
RT: 19.827 min Scan# 2849
Delta R.T. 0.000 min
Lab File: BG058643.D
Acq: 8 Aug 2023 15:06

Tgt Ion:244 Resp: 939305
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 8.1 6.8 10.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.521 min Scan# 30
 Delta R.T. 0.006 min
 Lab File: BG058643.D
 Acq: 8 Aug 2023 15:06

Instrument :
 BNA_G
 ClientSampleId :
 MW-06

Tgt Ion:264 Resp: 350502
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.4 27.6
 265 21.8 17.9 26.9

