

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080723\
 Data File : BG058625.D
 Acq On : 7 Aug 2023 13:36
 Operator : MA/JU
 Sample : 03831-03RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-17-20230727

Quant Time: Aug 07 14:11:21 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)

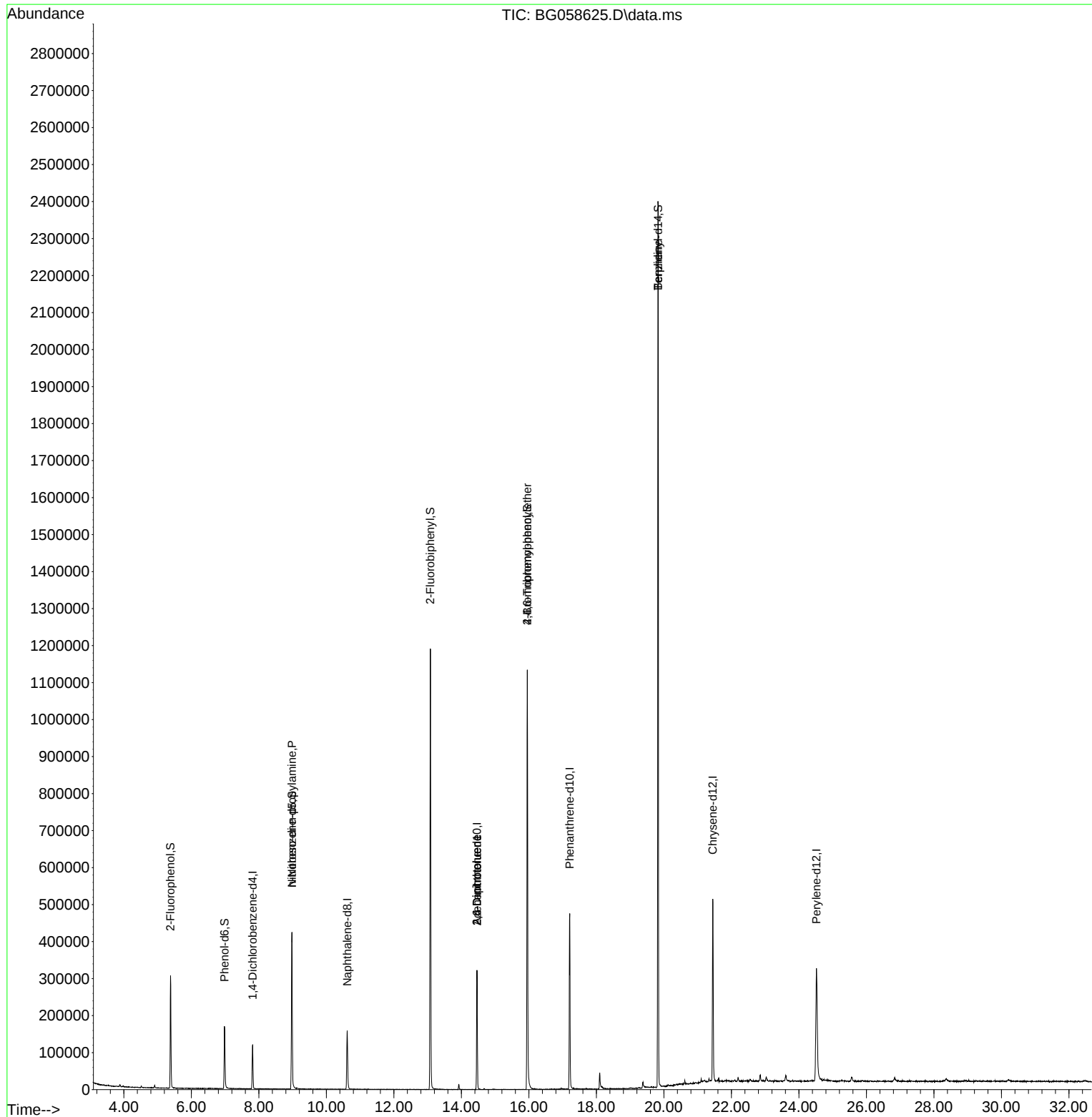
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.815	152	34514	20.000	ng	0.00
21) Naphthalene-d8	10.618	136	151258	20.000	ng	0.00
39) Acenaphthene-d10	14.460	164	117897	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	324999	20.000	ng	0.00
76) Chrysene-d12	21.446	240	302445	20.000	ng	0.00
86) Perylene-d12	24.519	264	370061	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.382	112	131980	58.448	ng	0.00
7) Phenol-d6	6.981	99	109295	34.784	ng	0.00
23) Nitrobenzene-d5	8.978	82	271066	88.036	ng	0.00
42) 2,4,6-Tribromophenol	15.952	330	263855	136.542	ng	0.00
45) 2-Fluorobiphenyl	13.079	172	679574	86.381	ng	0.00
79) Terphenyl-d14	19.830	244	1323995	82.323	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	8.978	70	32919	16.220	ng	# 81
51) 2,6-Dinitrotoluene	14.460	165	14780	7.608	ng	# 24
57) 2,4-Dinitrotoluene	14.460	165	14780	5.487	ng	# 24
67) 4-Bromophenyl-phenylether	15.952	248	16326	4.429	ng	# 1
77) Benzidine	19.824	184	16586	3.616	ng	# 96

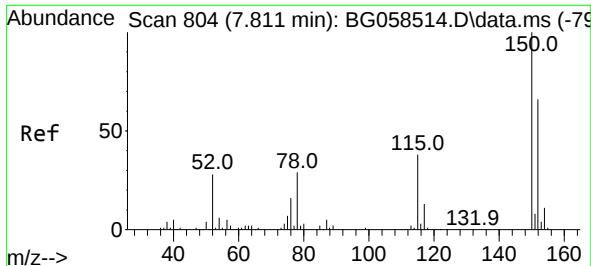
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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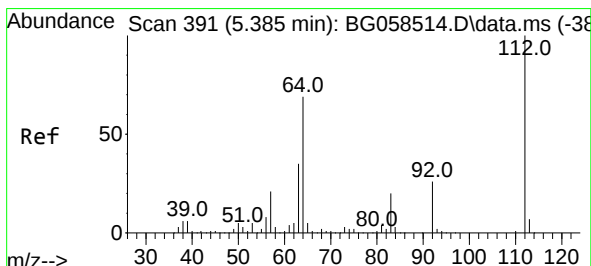
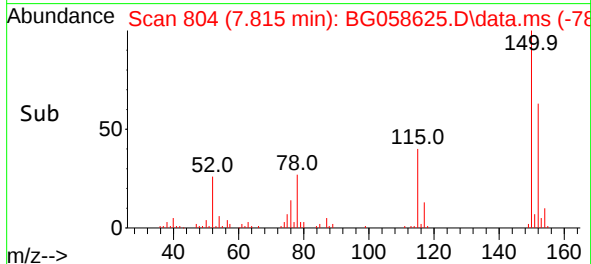
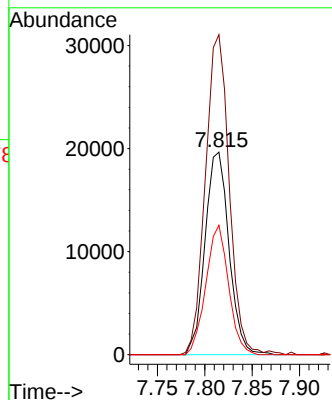
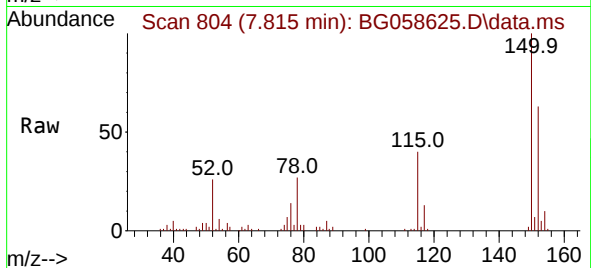




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.815 min Scan# 804
Delta R.T. 0.004 min
Lab File: BG058625.D
Acq: 7 Aug 2023 13:36

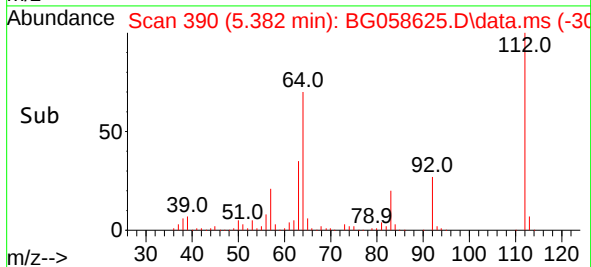
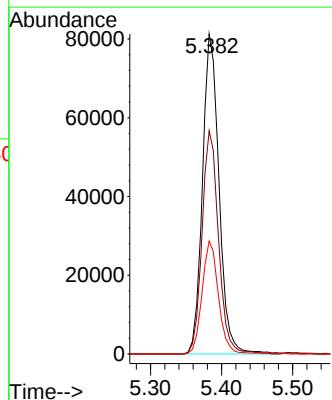
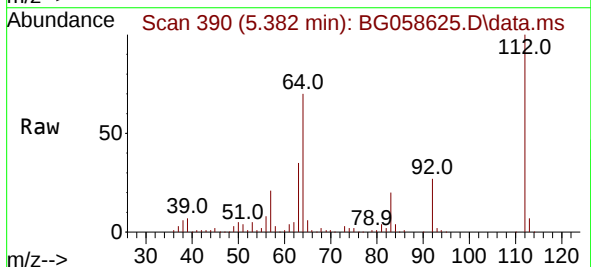
Instrument :
BNA_G
ClientSampleId :
MW-17-20230727

Tgt Ion:152 Resp: 34514
Ion Ratio Lower Upper
152 100
150 158.0 120.5 180.7
115 63.9 45.9 68.9



#5
2-Fluorophenol
Concen: 58.448 ng
RT: 5.382 min Scan# 390
Delta R.T. -0.002 min
Lab File: BG058625.D
Acq: 7 Aug 2023 13:36

Tgt Ion:112 Resp: 131980
Ion Ratio Lower Upper
112 100
64 69.7 55.3 82.9
63 35.3 28.3 42.5

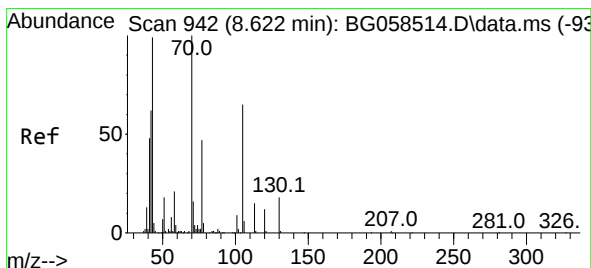
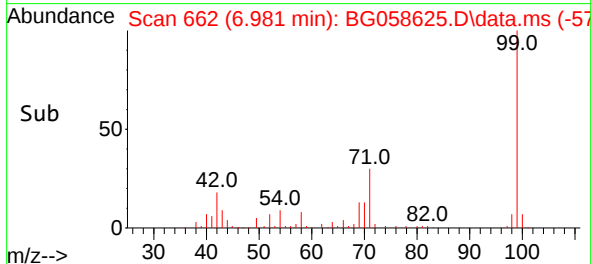
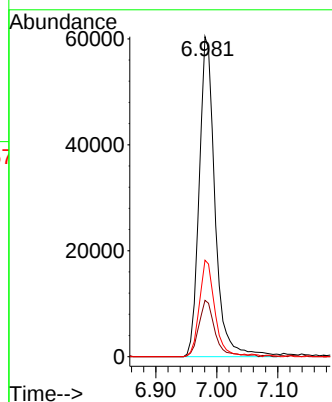
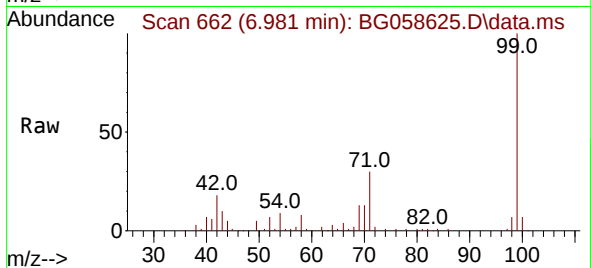




#7
Phenol-d6
Concen: 34.784 ng
RT: 6.981 min Scan# 60
Delta R.T. -0.002 min
Lab File: BG058625.D
Acq: 7 Aug 2023 13:36

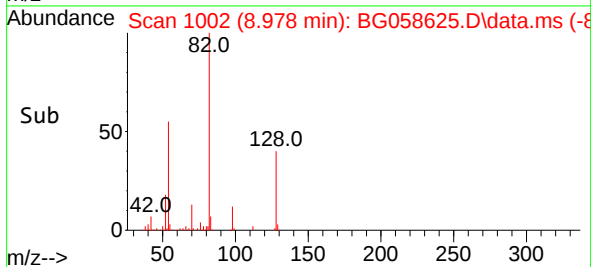
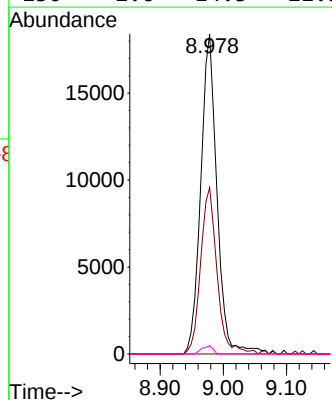
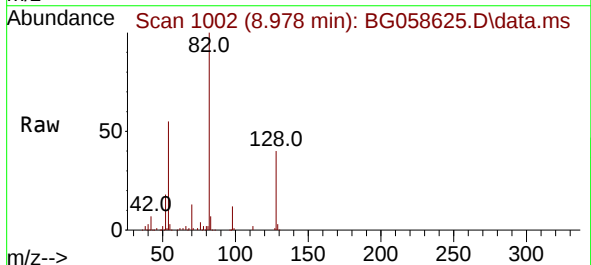
Instrument :
BNA_G
ClientSampleId :
MW-17-20230727

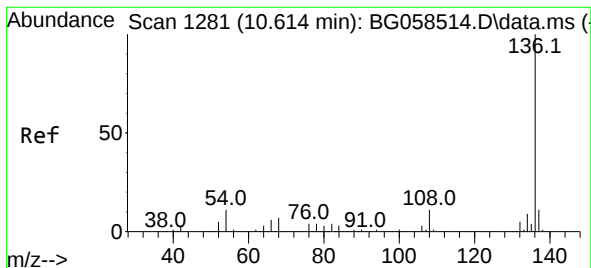
Tgt Ion: 99 Resp: 109295
Ion Ratio Lower Upper
99 100
42 17.6 14.6 21.8
71 30.2 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.220 ng
RT: 8.978 min Scan# 1002
Delta R.T. 0.356 min
Lab File: BG058625.D
Acq: 7 Aug 2023 13:36

Tgt Ion: 70 Resp: 32919
Ion Ratio Lower Upper
70 100
42 52.0 49.7 74.5
101 0.0 7.0 10.4#
130 2.6 14.3 21.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.618 min Scan# 1002

Delta R.T. 0.004 min

Lab File: BG058625.D

Acq: 7 Aug 2023 13:36

Instrument :

BNA_G

ClientSampleId :

MW-17-20230727

Tgt Ion:136 Resp: 151258

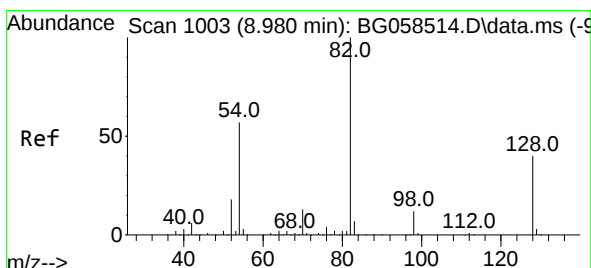
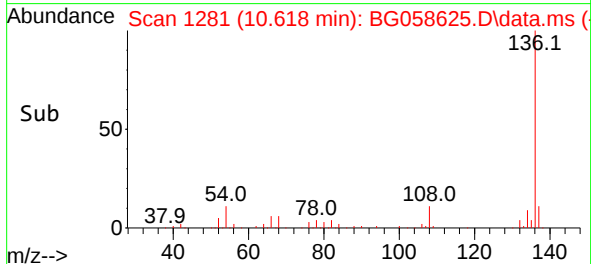
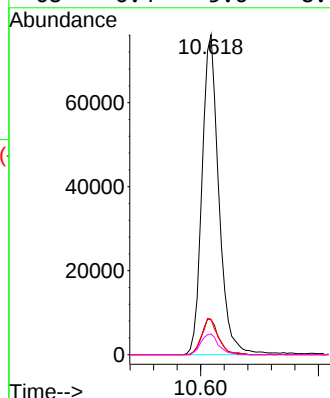
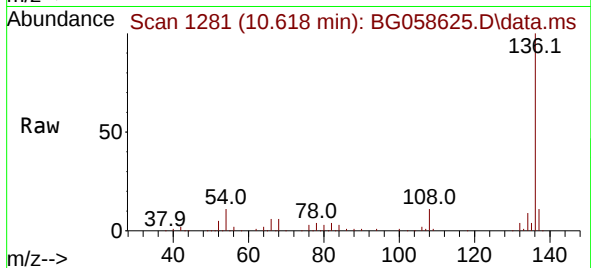
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 11.1 8.9 13.3

68 6.4 5.6 8.4



#23

Nitrobenzene-d5

Concen: 88.036 ng

RT: 8.978 min Scan# 1002

Delta R.T. -0.002 min

Lab File: BG058625.D

Acq: 7 Aug 2023 13:36

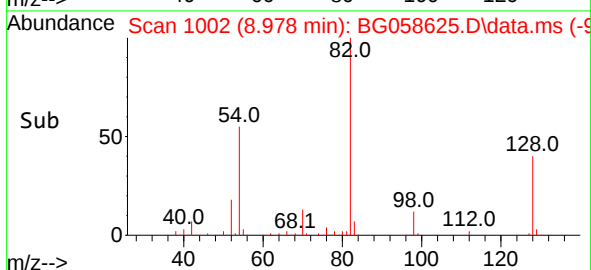
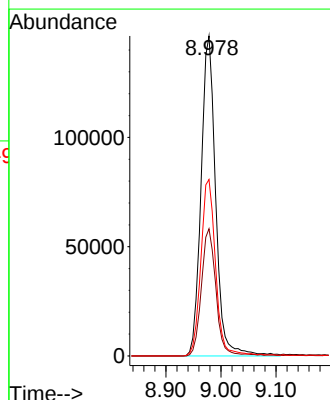
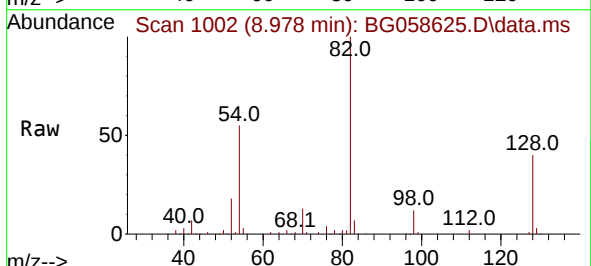
Tgt Ion: 82 Resp: 271066

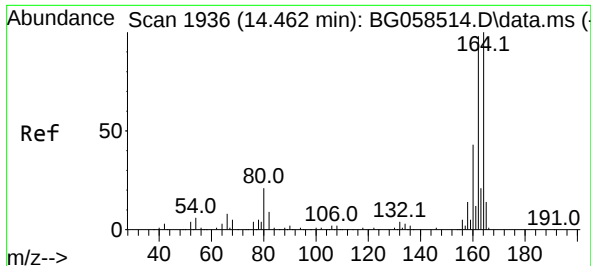
Ion Ratio Lower Upper

82 100

128 39.8 32.2 48.2

54 55.2 46.0 69.0

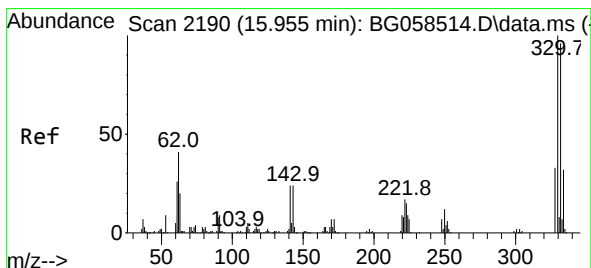
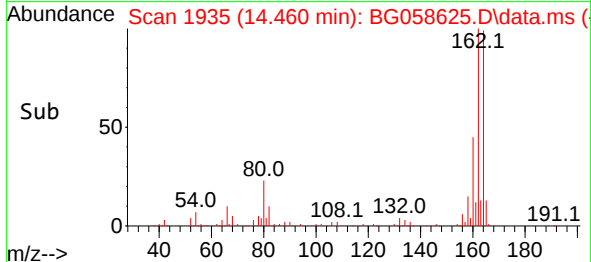
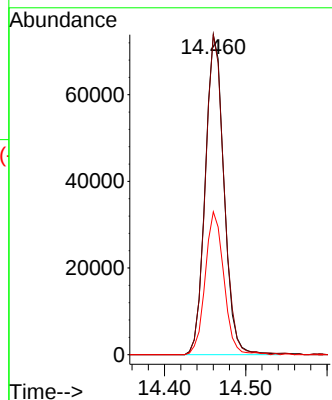
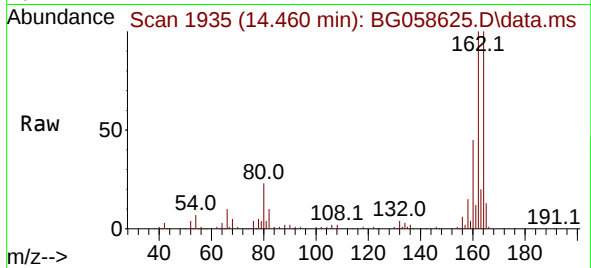




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.460 min Scan# 1936
Delta R.T. -0.002 min
Lab File: BG058625.D
Acq: 7 Aug 2023 13:36

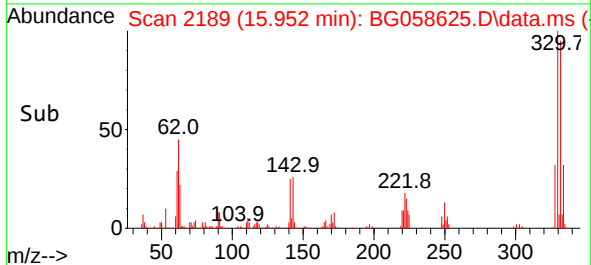
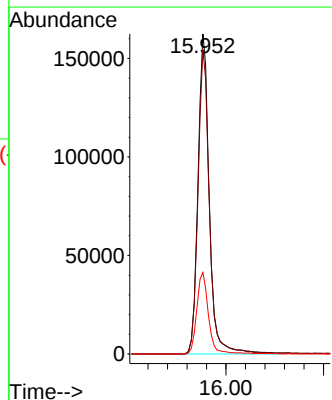
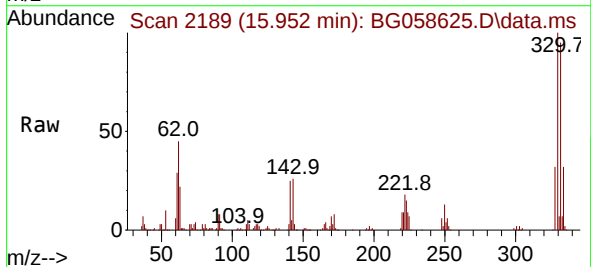
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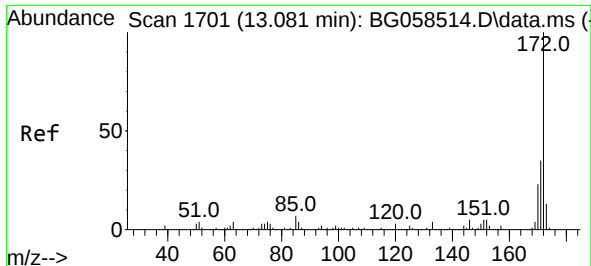
Tgt Ion:164 Resp: 117897
Ion Ratio Lower Upper
164 100
162 100.0 78.3 117.5
160 44.7 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 136.542 ng
RT: 15.952 min Scan# 2189
Delta R.T. -0.002 min
Lab File: BG058625.D
Acq: 7 Aug 2023 13:36

Tgt Ion:330 Resp: 263855
Ion Ratio Lower Upper
330 100
332 95.6 77.5 116.3
141 26.1 20.7 31.1

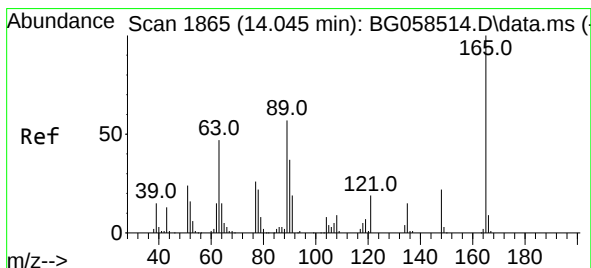
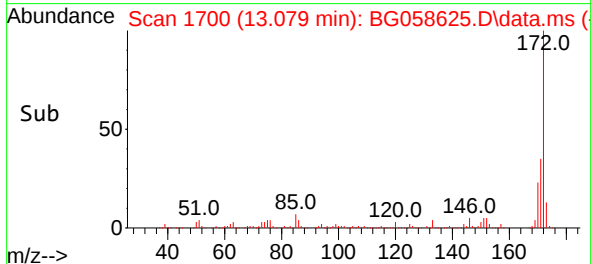
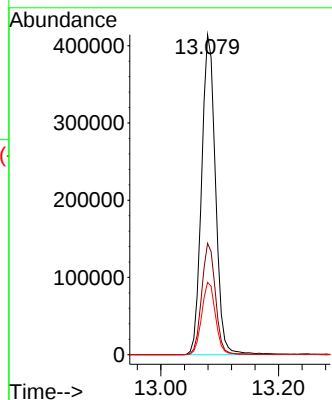
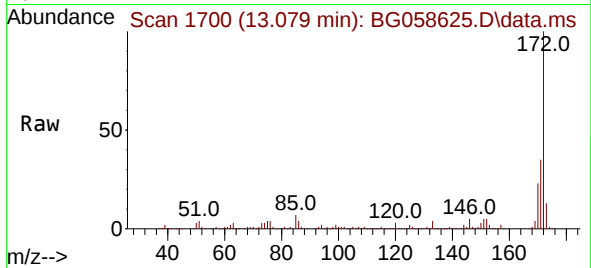




#45
2-Fluorobiphenyl
Concen: 86.381 ng
RT: 13.079 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG058625.D
Acq: 7 Aug 2023 13:36

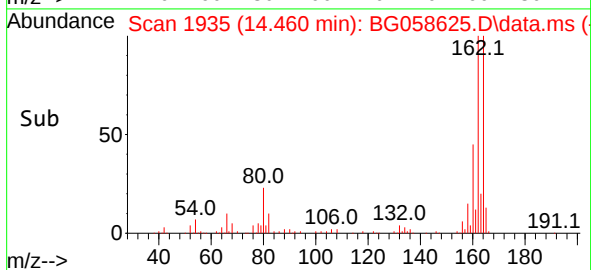
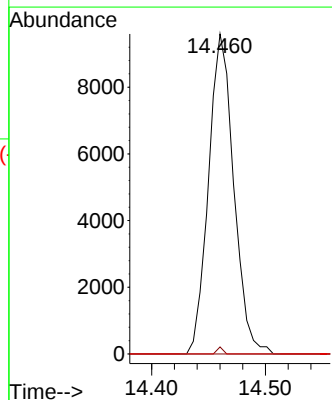
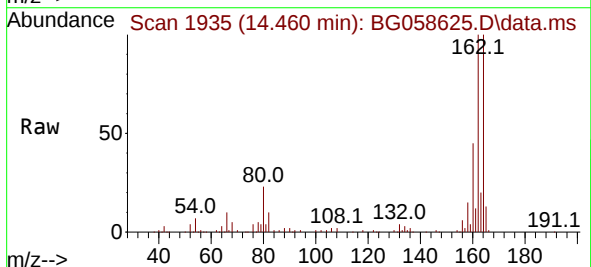
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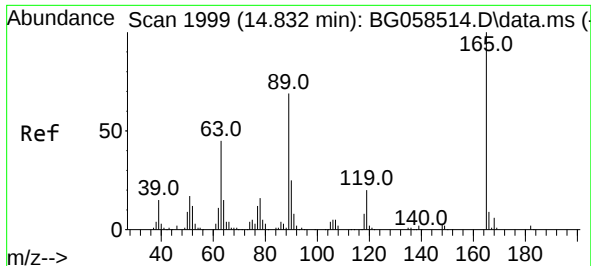
Tgt Ion:172 Resp: 679574
Ion Ratio Lower Upper
172 100
171 34.8 28.0 42.0
170 22.6 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 7.608 ng
RT: 14.460 min Scan# 1935
Delta R.T. 0.415 min
Lab File: BG058625.D
Acq: 7 Aug 2023 13:36

Tgt Ion:165 Resp: 14780
Ion Ratio Lower Upper
165 100
63 2.2 46.4 69.6#
89 0.0 45.3 67.9#

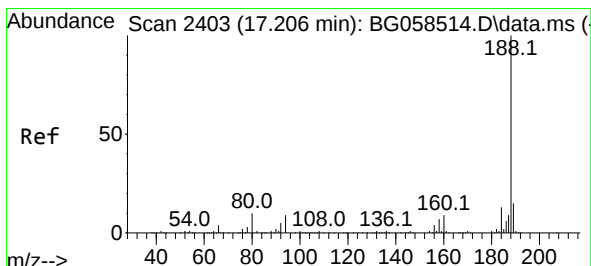
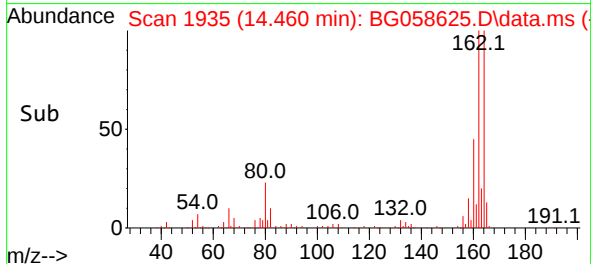
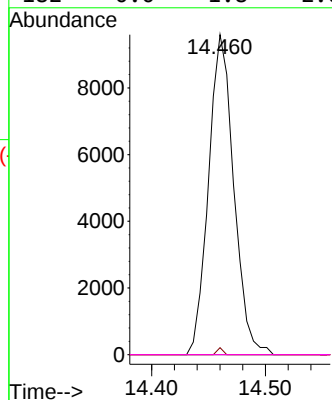
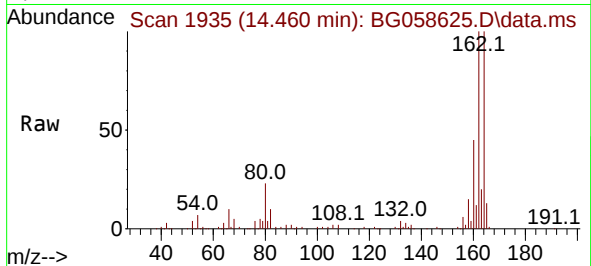




#57
2,4-Dinitrotoluene
Concen: 5.487 ng
RT: 14.460 min Scan# 1999
Delta R.T. -0.372 min
Lab File: BG058625.D
Acq: 7 Aug 2023 13:36

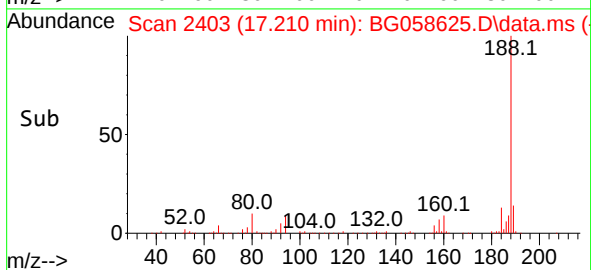
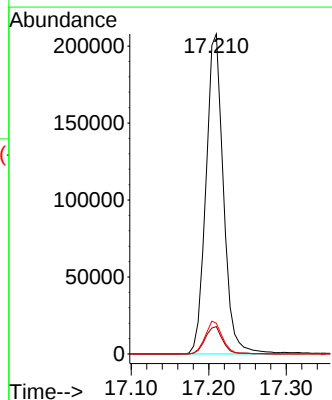
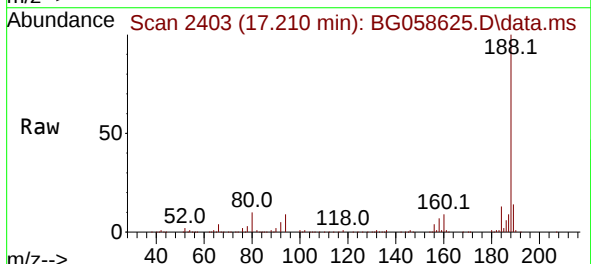
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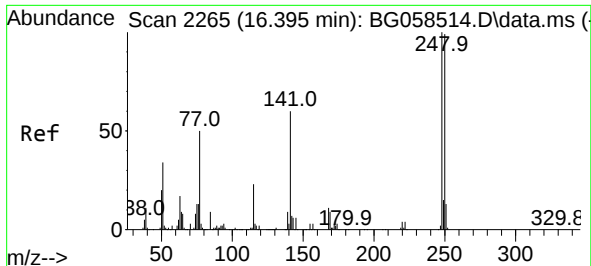
Tgt Ion:165 Resp: 14780
Ion Ratio Lower Upper
165 100
63 2.2 36.6 54.8#
89 0.0 55.4 83.0#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.210 min Scan# 2403
Delta R.T. 0.004 min
Lab File: BG058625.D
Acq: 7 Aug 2023 13:36

Tgt Ion:188 Resp: 324999
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.6
80 9.6 8.1 12.1

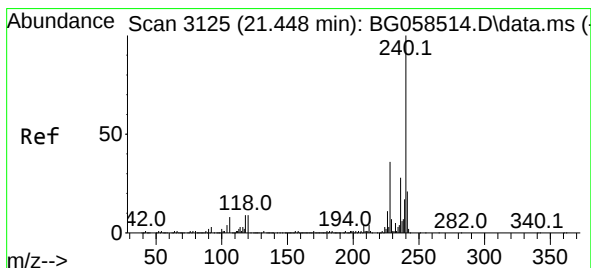
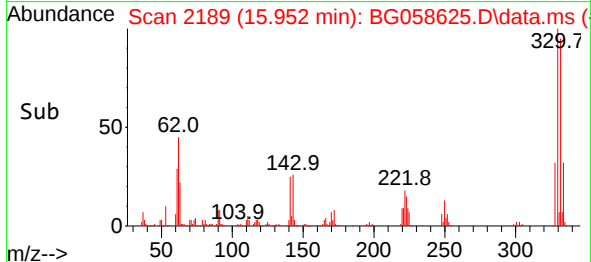
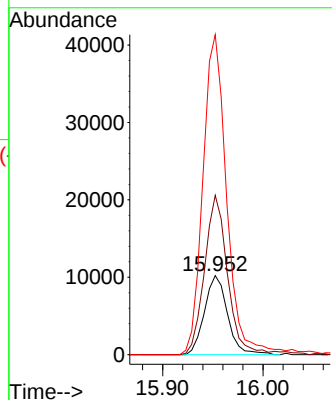
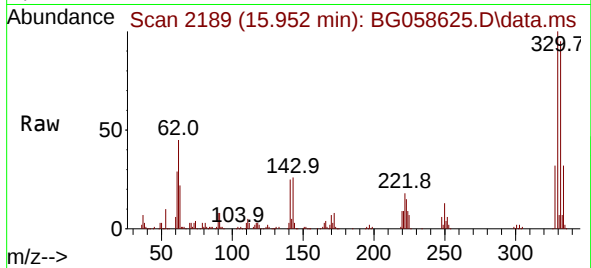




#67
4-Bromophenyl-phenylether
Concen: 4.429 ng
RT: 15.952 min Scan# 2119
Delta R.T. -0.443 min
Lab File: BG058625.D
Acq: 7 Aug 2023 13:36

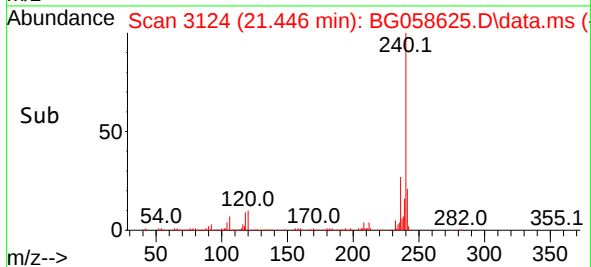
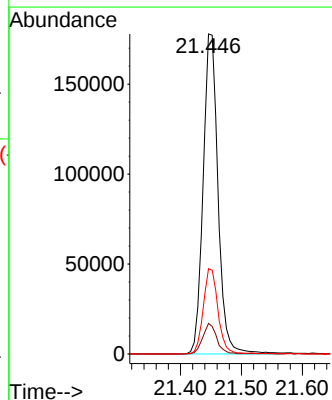
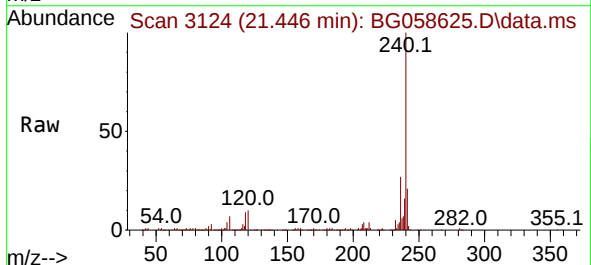
Instrument :
BNA_G
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MW-17-20230727

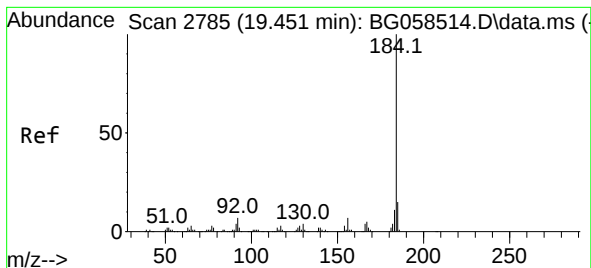
Tgt Ion:248 Resp: 16326
Ion Ratio Lower Upper
248 100
250 201.7 79.5 119.3#
141 405.0 48.2 72.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.446 min Scan# 3124
Delta R.T. -0.002 min
Lab File: BG058625.D
Acq: 7 Aug 2023 13:36

Tgt Ion:240 Resp: 302445
Ion Ratio Lower Upper
240 100
120 9.6 7.4 11.0
236 26.7 22.2 33.4





#77

Benzidine

Concen: 3.616 ng

RT: 19.824 min Scan# 21

Delta R.T. 0.374 min

Lab File: BG058625.D

Acq: 7 Aug 2023 13:36

Instrument :

BNA_G

ClientSampleId :

MW-17-20230727

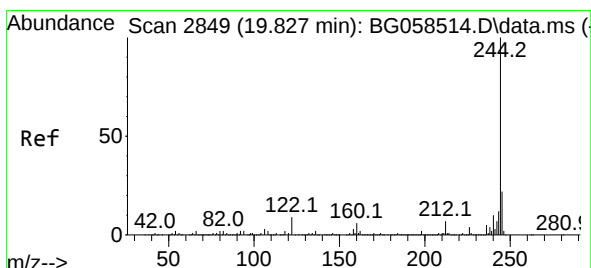
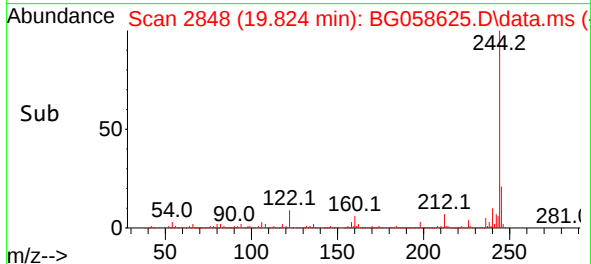
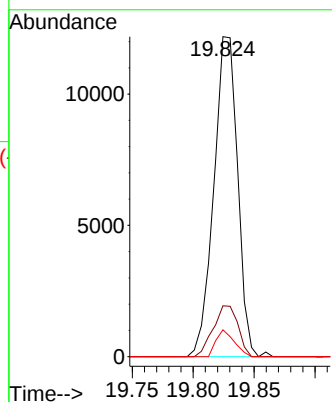
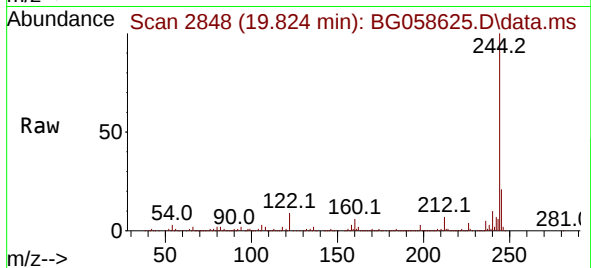
Tgt Ion:184 Resp: 16586

Ion Ratio Lower Upper

184 100

185 15.9 11.9 17.9

183 8.4 8.7 13.1#



#79

Terphenyl-d14

Concen: 82.323 ng

RT: 19.830 min Scan# 2849

Delta R.T. 0.004 min

Lab File: BG058625.D

Acq: 7 Aug 2023 13:36

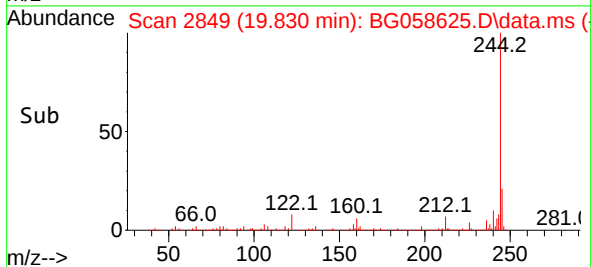
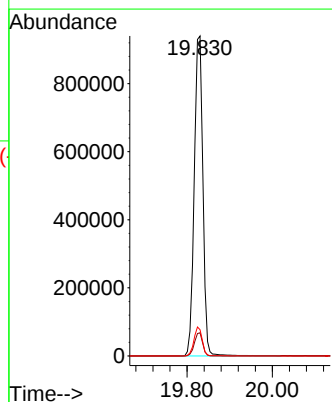
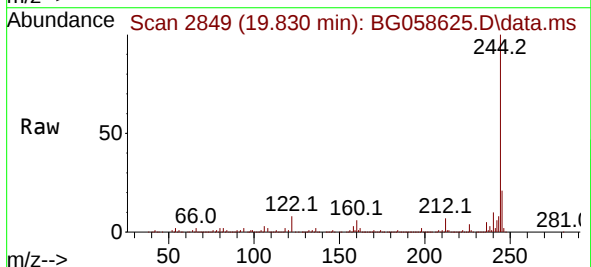
Tgt Ion:244 Resp: 1323995

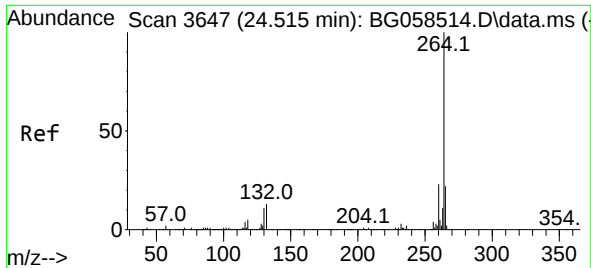
Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

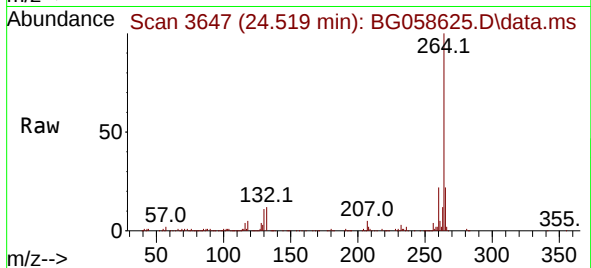
122 8.2 6.8 10.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.519 min Scan# 30
Delta R.T. 0.004 min
Lab File: BG058625.D
Acq: 7 Aug 2023 13:36

Instrument :
BNA_G
ClientSampleId :
MW-17-20230727



Tgt Ion:264 Resp: 370061

Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.4	27.6
265	22.0	17.9	26.9

