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 Data File : BG053667.D
 Acq On : 23 May 2022 16:49
 Operator : CG/JU
 Sample : N2968-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-25

Quant Time: May 24 05:09:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 24 05:05:32 2022
 Response via : Initial Calibration

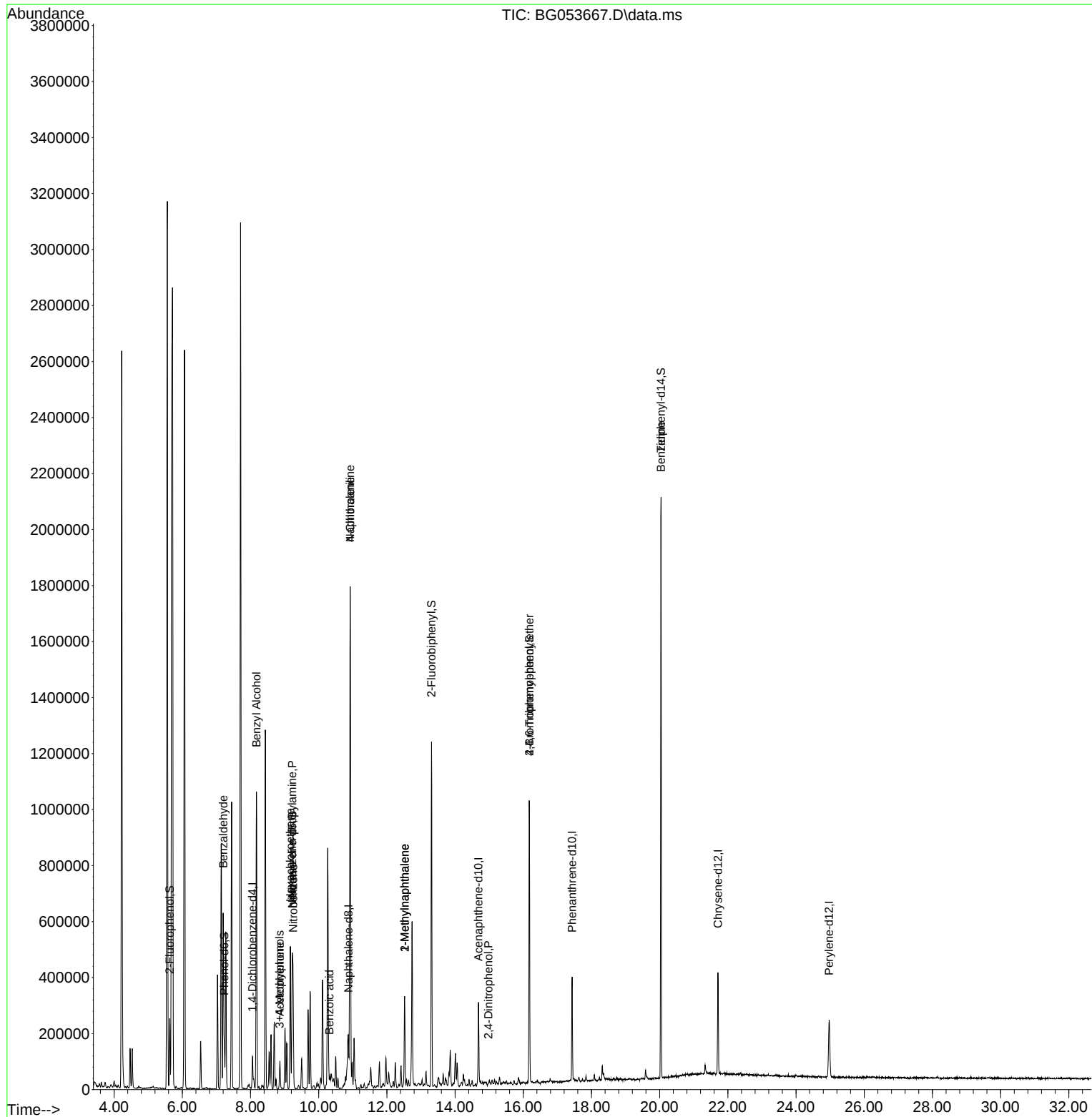
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.058	152	31738	20.000	ng	0.00
21) Naphthalene-d8	10.872	136	133412	20.000	ng	# 0.00
39) Acenaphthene-d10	14.684	164	100777	20.000	ng	0.00
64) Phenanthrene-d10	17.434	188	230797	20.000	ng	0.00
76) Chrysene-d12	21.710	240	220674	20.000	ng	# 0.00
86) Perylene-d12	24.970	264	220397	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.632	112	102522	54.822	ng	0.00
7) Phenol-d6	7.230	99	95309	33.581	ng	0.00
23) Nitrobenzene-d5	9.227	82	279511	89.185	ng	0.00
42) 2,4,6-Tribromophenol	16.177	330	198209	133.353	ng	0.00
45) 2-Fluorobiphenyl	13.310	172	640214	92.832	ng	0.00
79) Terphenyl-d14	20.042	244	1041999	87.944	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.200	77	51809	28.734	ng	# 1
15) Benzyl Alcohol	8.176	79	62159	26.196	ng	# 1
18) Hexachloroethane	9.168	117	74591	84.397	ng	# 1
19) n-Nitroso-di-n-propyla...	9.227	70	38088	18.704	ng	# 79
20) 3+4-Methylphenols	8.851	107	6171	2.329	ng	# 37
22) Acetophenone	8.863	105	66401	18.186	ng	# 54
24) Nitrobenzene	9.251	77	14856	4.898	ng	# 3
31) Naphthalene	10.925	128	1381346	203.548	ng	99
32) Benzoic acid	10.320	122	1861	9.811	ng	# 3
33) 4-Chloroaniline	10.925	127	195115	68.652	ng	# 30
37) 2-Methylnaphthalene	12.523	142	141618	27.963	ng	100
38) 1-Methylnaphthalene	12.523	142	141618	28.660	ng	95
54) 2,4-Dinitrophenol	14.978	184	63	6.303	ng	# 11
67) 4-Bromophenyl-phenylether	16.177	248	13461	4.994	ng	# 1
77) Benzidine	20.036	184	17945	3.773	ng	# 87

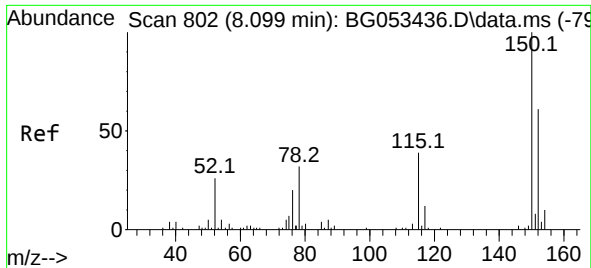
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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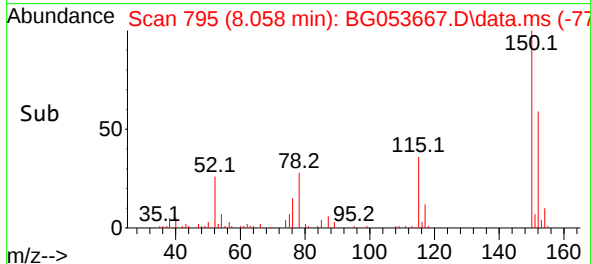
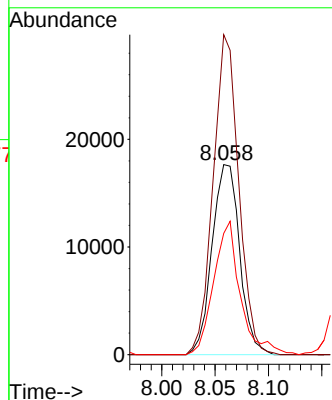
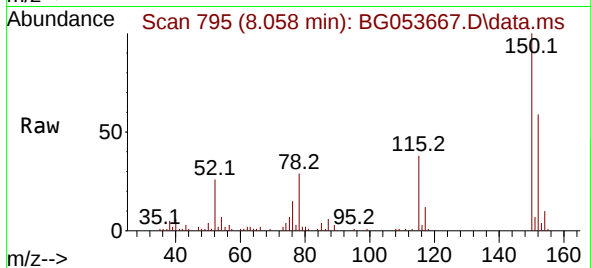




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.058 min Scan# 795
Delta R.T. 0.000 min
Lab File: BG053667.D
Acq: 23 May 2022 16:49

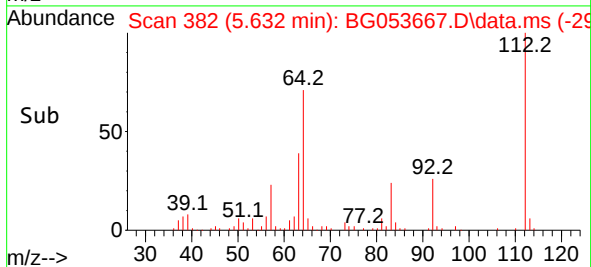
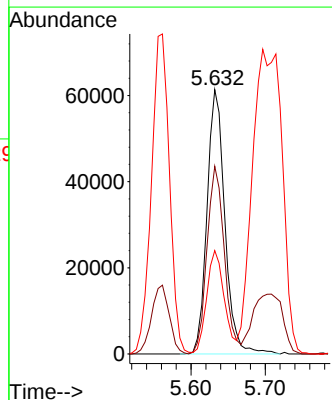
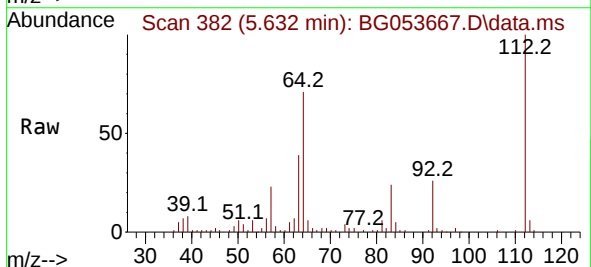
Instrument :
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MW-25

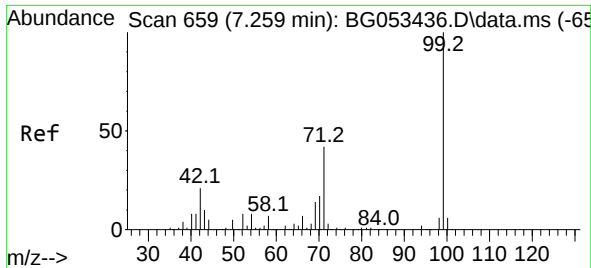
Tgt Ion:152 Resp: 31738
Ion Ratio Lower Upper
152 100
150 168.3 131.6 197.4
115 63.8 50.9 76.3



#5
2-Fluorophenol
Concen: 54.822 ng
RT: 5.632 min Scan# 382
Delta R.T. 0.006 min
Lab File: BG053667.D
Acq: 23 May 2022 16:49

Tgt Ion:112 Resp: 102522
Ion Ratio Lower Upper
112 100
64 71.0 55.1 82.7
63 39.1 30.4 45.6

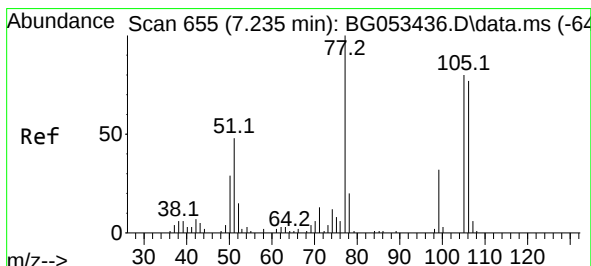
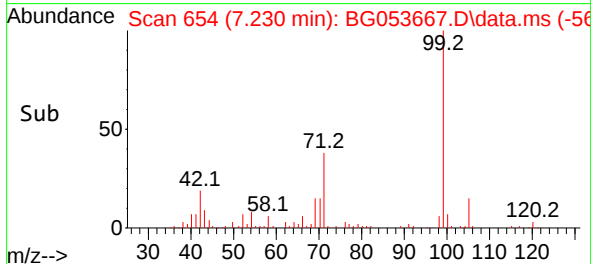
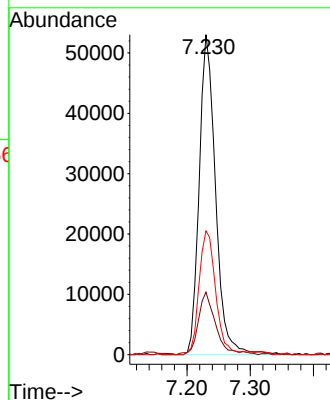
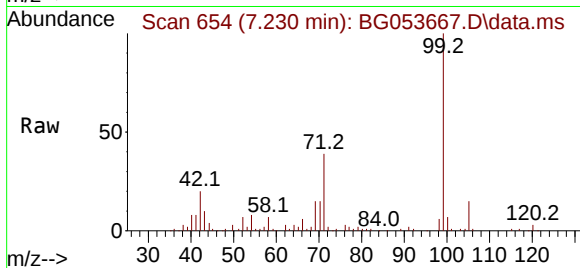




#7
Phenol-d6
Concen: 33.581 ng
RT: 7.230 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG053667.D
Acq: 23 May 2022 16:49

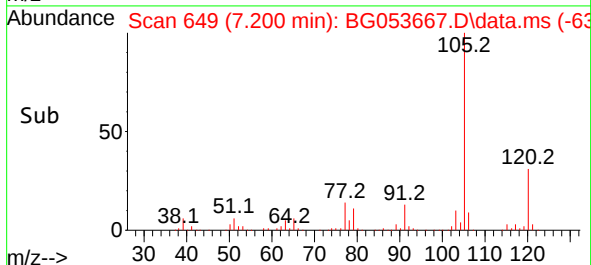
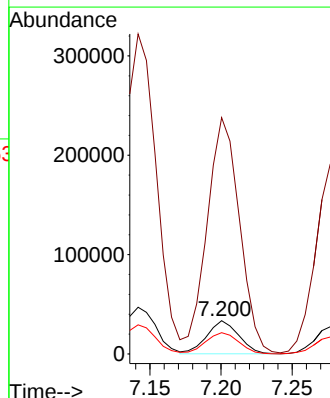
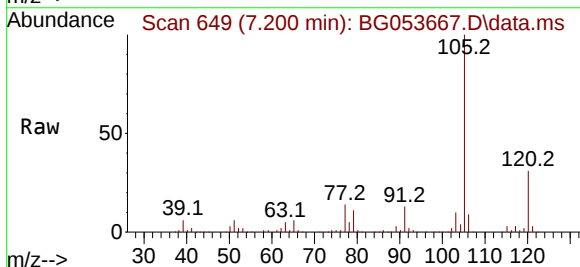
Instrument :
BNA_G
ClientSampleId :
MW-25

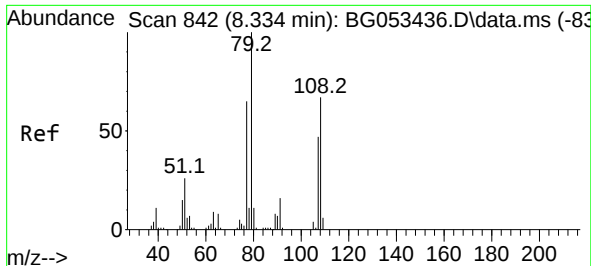
Tgt Ion:	99	Resp:	95309
Ion	Ratio	Lower	Upper
99	100		
42	19.6	17.0	25.6
71	38.7	33.8	50.8



#9
Benzaldehyde
Concen: 28.734 ng
RT: 7.200 min Scan# 649
Delta R.T. 0.006 min
Lab File: BG053667.D
Acq: 23 May 2022 16:49

Tgt Ion:	77	Resp:	51809
Ion	Ratio	Lower	Upper
77	100		
105	710.7	59.6	99.6#
106	63.8	56.8	96.8

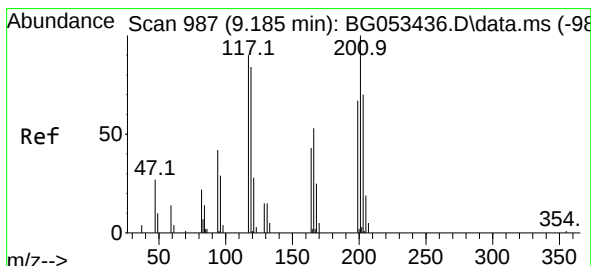
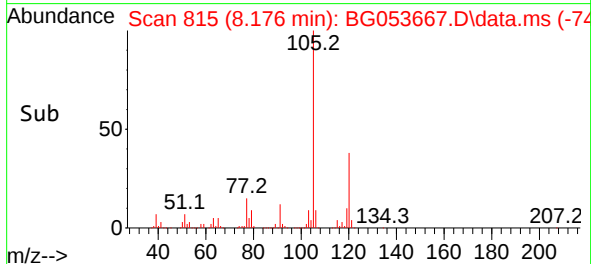
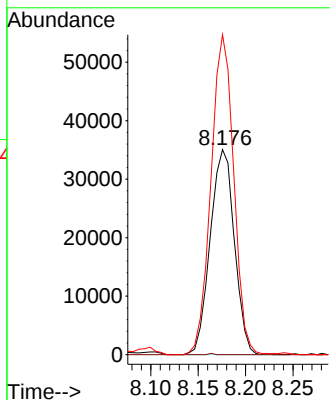
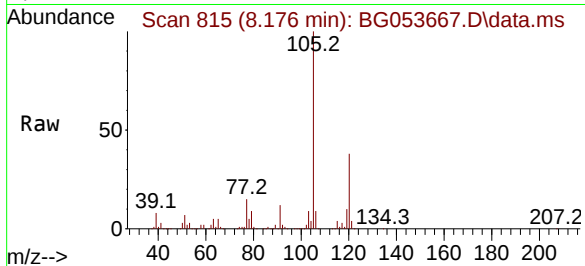




#15
Benzyl Alcohol
Concen: 26.196 ng
RT: 8.176 min Scan# 815
Delta R.T. -0.123 min
Lab File: BG053667.D
Acq: 23 May 2022 16:49

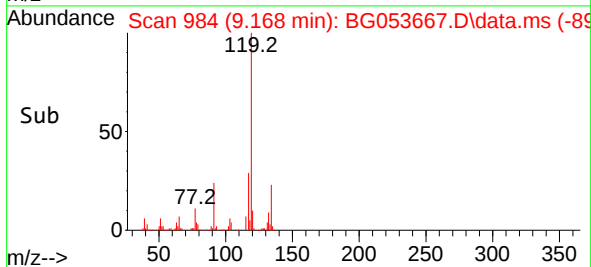
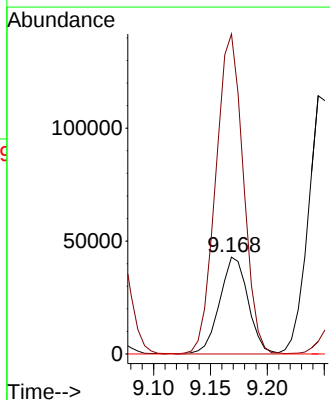
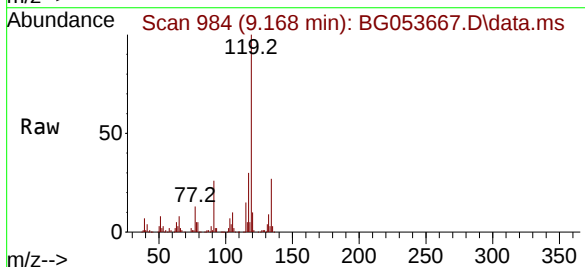
Instrument :
BNA_G
ClientSampleId :
MW-25

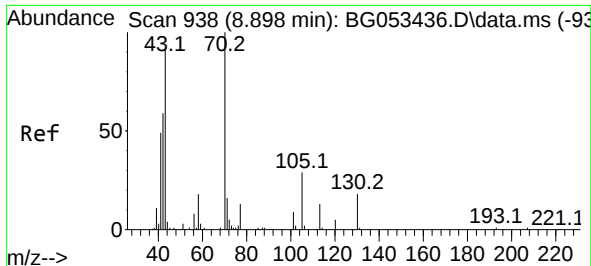
Tgt Ion: 79 Resp: 62159
Ion Ratio Lower Upper
79 100
108 0.0 53.7 80.5#
77 156.0 52.2 78.4#



#18
Hexachloroethane
Concen: 84.397 ng
RT: 9.168 min Scan# 984
Delta R.T. 0.024 min
Lab File: BG053667.D
Acq: 23 May 2022 16:49

Tgt Ion: 117 Resp: 74591
Ion Ratio Lower Upper
117 100
119 330.4 75.0 112.6#
201 0.0 89.0 133.6#

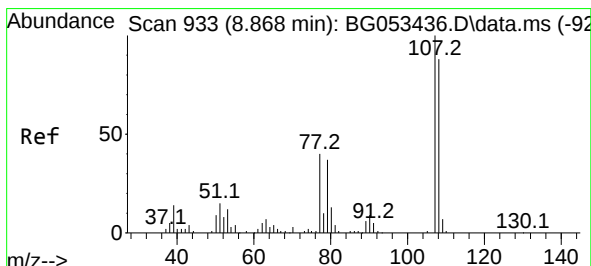
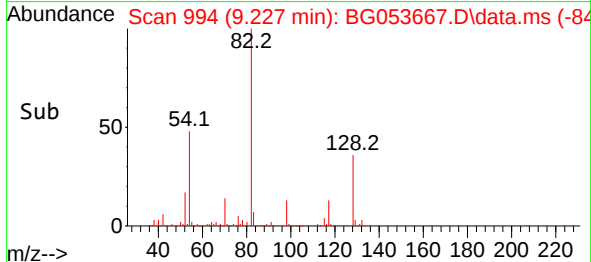
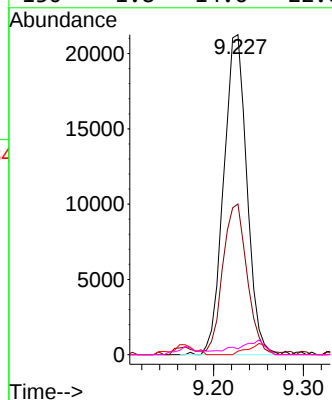
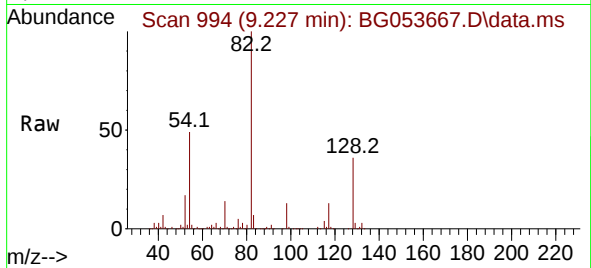




#19
n-Nitroso-di-n-propylamine
Concen: 18.704 ng
RT: 9.227 min Scan# 91
Delta R.T. 0.365 min
Lab File: BG053667.D
Acq: 23 May 2022 16:49

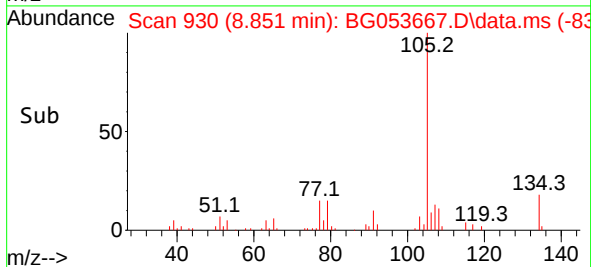
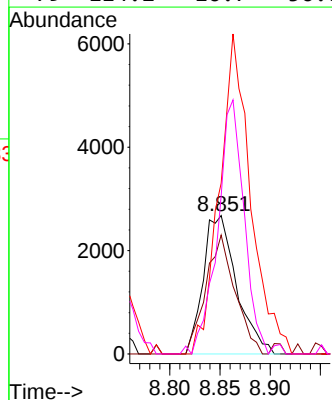
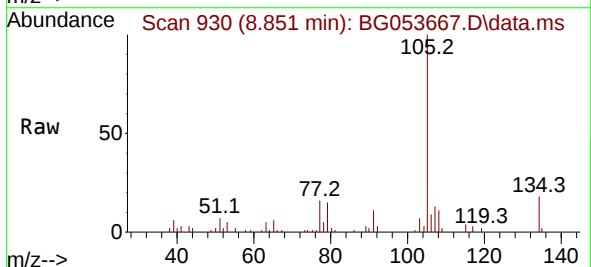
Instrument :
BNA_G
ClientSampleId :
MW-25

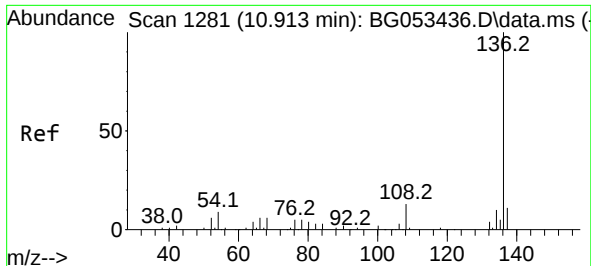
Tgt Ion: 70 Resp: 38088
Ion Ratio Lower Upper
70 100
42 47.1 47.3 70.9#
101 1.1 7.0 10.4#
130 1.8 14.6 22.0#



#20
3+4-Methylphenols
Concen: 2.329 ng
RT: 8.851 min Scan# 930
Delta R.T. 0.012 min
Lab File: BG053667.D
Acq: 23 May 2022 16:49

Tgt Ion: 107 Resp: 6171
Ion Ratio Lower Upper
107 100
108 85.9 67.5 107.5
77 123.3 20.3 60.3#
79 114.2 16.7 56.7#

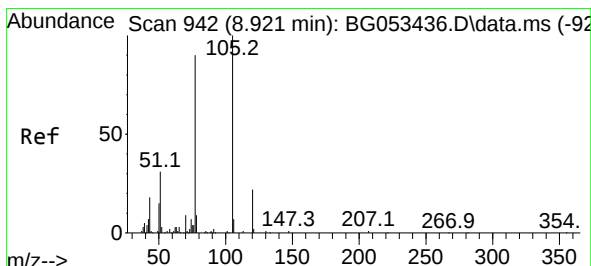
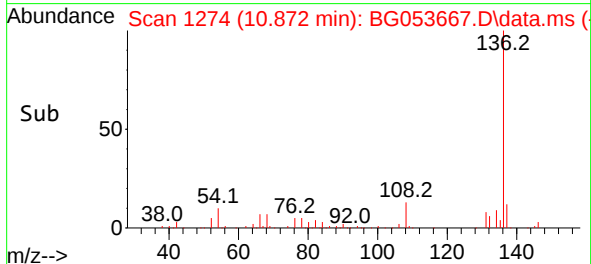
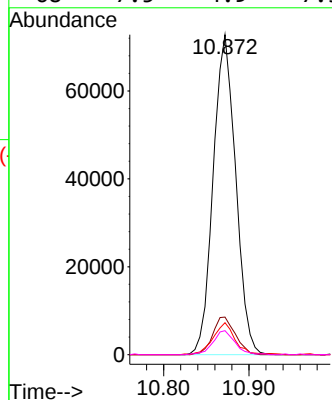
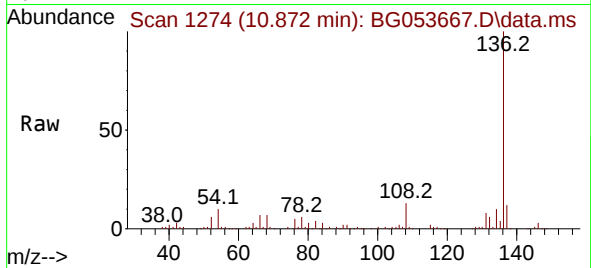




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.872 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG053667.D
Acq: 23 May 2022 16:49

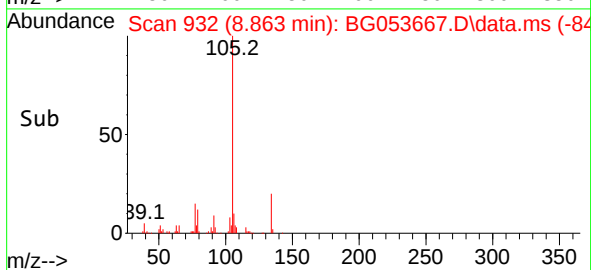
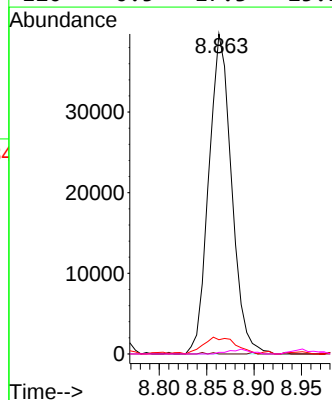
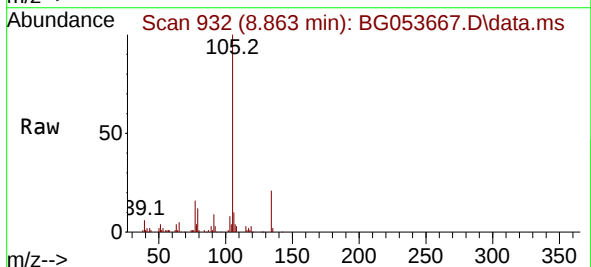
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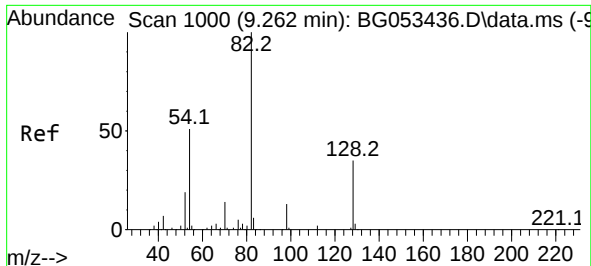
Tgt Ion:136 Resp: 133412
Ion Ratio Lower Upper
136 100
137 11.8 8.5 12.7
54 10.0 7.4 11.2
68 7.5 4.9 7.3#



#22
Acetophenone
Concen: 18.186 ng
RT: 8.863 min Scan# 932
Delta R.T. -0.017 min
Lab File: BG053667.D
Acq: 23 May 2022 16:49

Tgt Ion:105 Resp: 66401
Ion Ratio Lower Upper
105 100
71 0.0 1.1 1.7#
51 4.4 25.4 38.0#
120 0.5 17.3 25.9#





#23

Nitrobenzene-d5

Concen: 89.185 ng

RT: 9.227 min Scan# 994

Delta R.T. 0.000 min

Lab File: BG053667.D

Acq: 23 May 2022 16:49

Instrument :

BNA_G

ClientSampleId :

MW-25

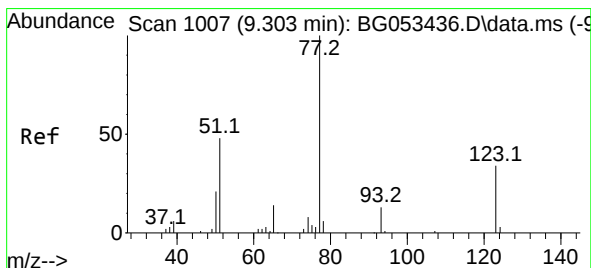
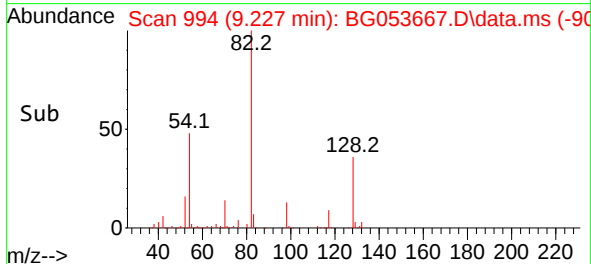
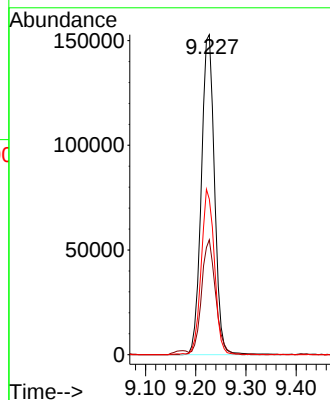
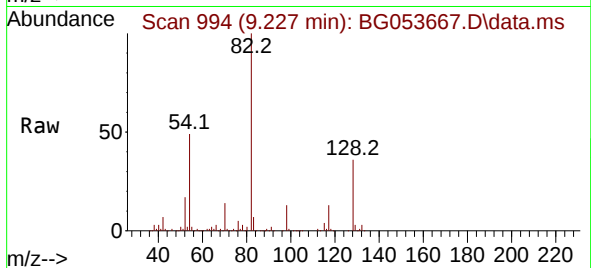
Tgt Ion: 82 Resp: 279511

Ion Ratio Lower Upper

82 100

128 35.9 27.9 41.9

54 48.6 41.2 61.8



#24

Nitrobenzene

Concen: 4.898 ng

RT: 9.251 min Scan# 998

Delta R.T. -0.017 min

Lab File: BG053667.D

Acq: 23 May 2022 16:49

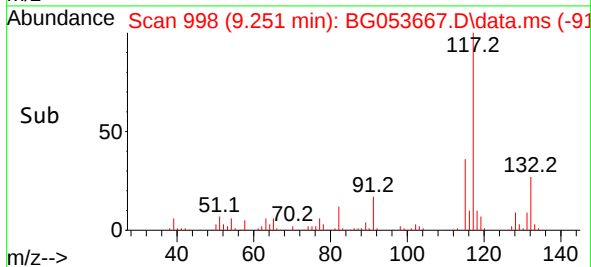
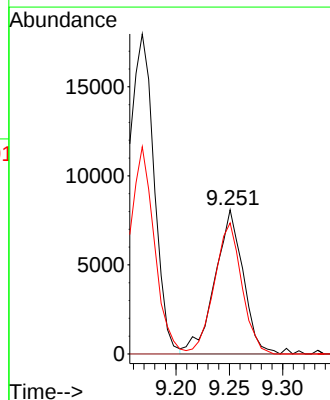
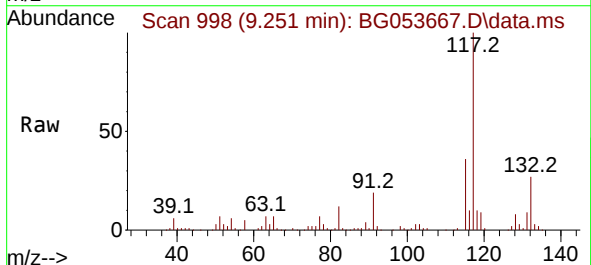
Tgt Ion: 77 Resp: 14856

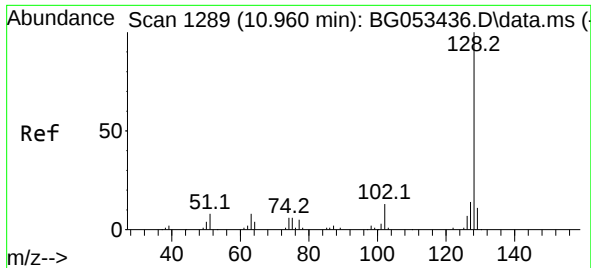
Ion Ratio Lower Upper

77 100

123 0.0 27.4 41.0#

65 90.9 11.4 17.0#

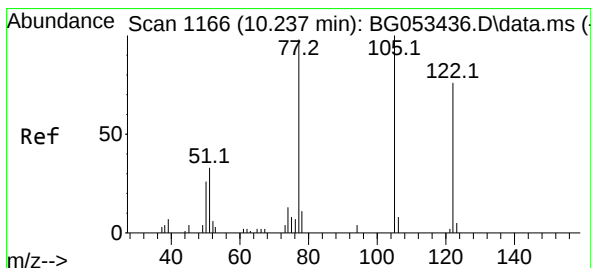
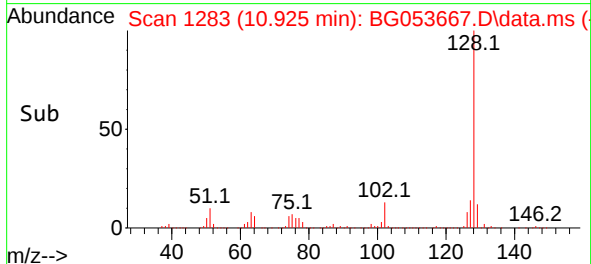
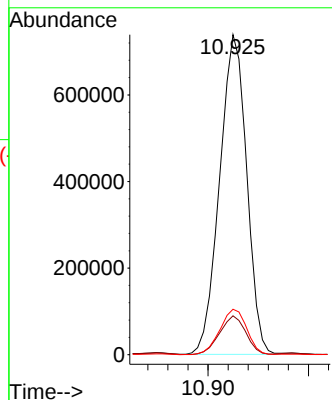
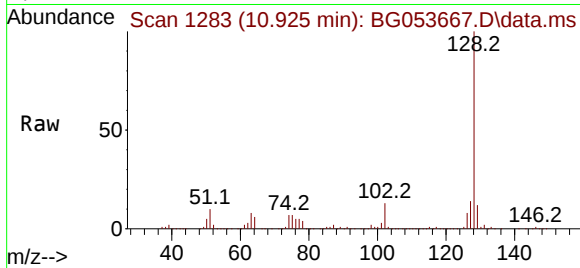




#31
Naphthalene
Concen: 203.548 ng
RT: 10.925 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BG053667.D
Acq: 23 May 2022 16:49

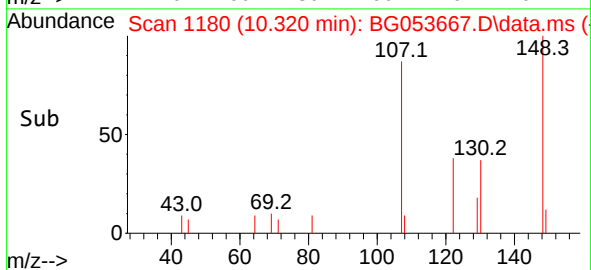
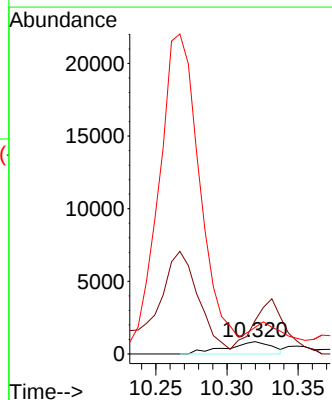
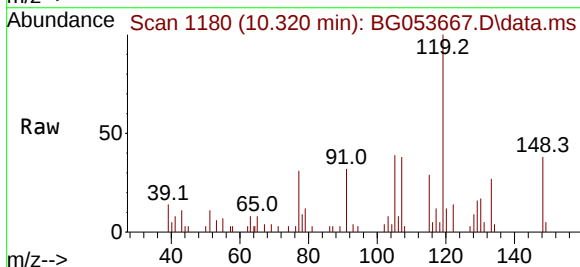
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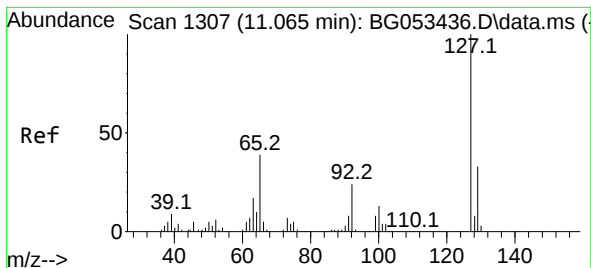
Tgt Ion:128 Resp: 1381346
Ion Ratio Lower Upper
128 100
129 12.1 9.0 13.6
127 14.2 11.1 16.7



#32
Benzoic acid
Concen: 9.811 ng
RT: 10.320 min Scan# 1180
Delta R.T. 0.094 min
Lab File: BG053667.D
Acq: 23 May 2022 16:49

Tgt Ion:122 Resp: 1861
Ion Ratio Lower Upper
122 100
105 271.2 111.8 151.8#
77 215.5 109.4 149.4#

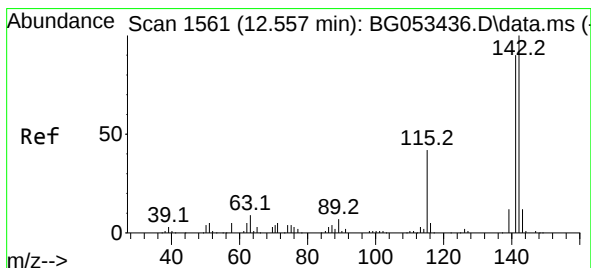
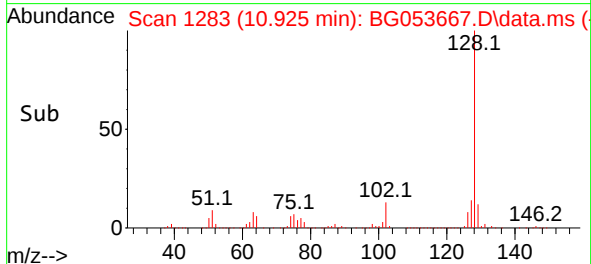
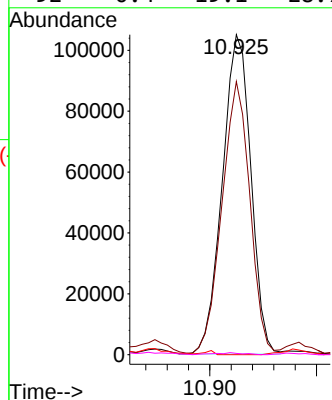
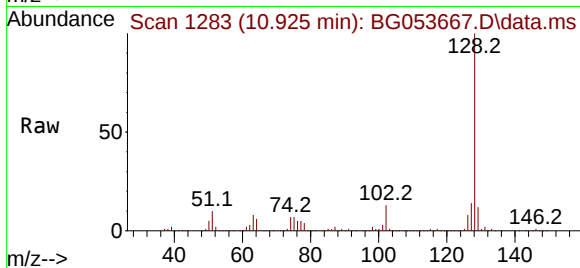




#33
4-Chloroaniline
Concen: 68.652 ng
RT: 10.925 min Scan# 11
Delta R.T. -0.105 min
Lab File: BG053667.D
Acq: 23 May 2022 16:49

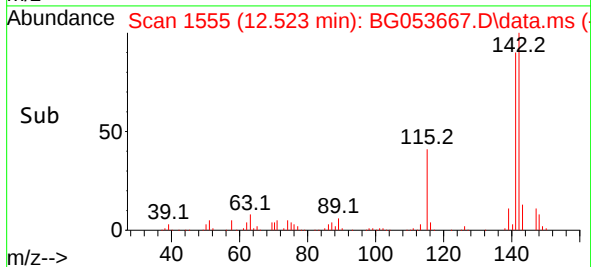
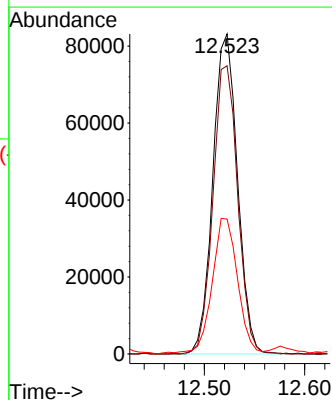
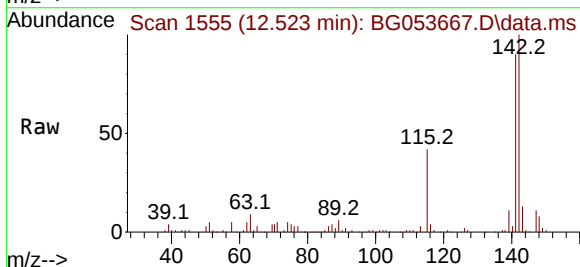
Instrument :
BNA_G
ClientSampleId :
MW-25

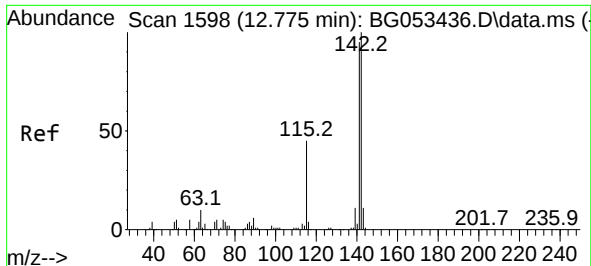
Tgt Ion:	127	Resp:	195115
Ion	Ratio	Lower	Upper
127	100		
129	85.4	26.3	39.5#
65	0.0	31.1	46.7#
92	0.4	19.1	28.7#



#37
2-Methylnaphthalene
Concen: 27.963 ng
RT: 12.523 min Scan# 1555
Delta R.T. 0.000 min
Lab File: BG053667.D
Acq: 23 May 2022 16:49

Tgt Ion:	142	Resp:	141618
Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.3	108.5
115	42.1	33.7	50.5

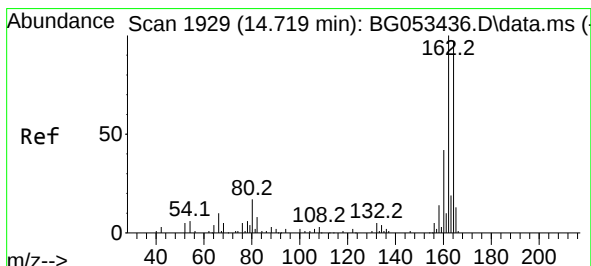
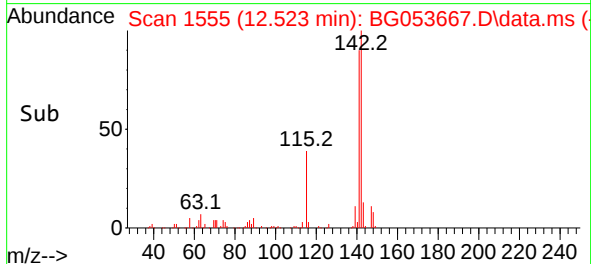
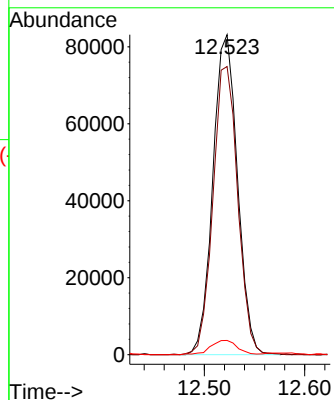
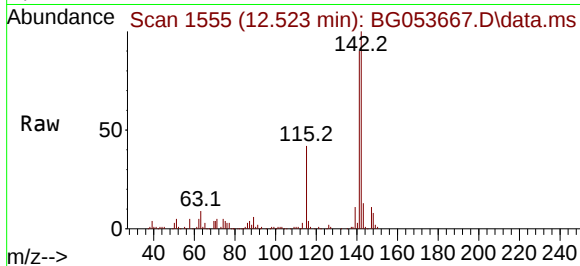




#38
1-Methylnaphthalene
Concen: 28.660 ng
RT: 12.523 min Scan# 11
Delta R.T. -0.217 min
Lab File: BG053667.D
Acq: 23 May 2022 16:49

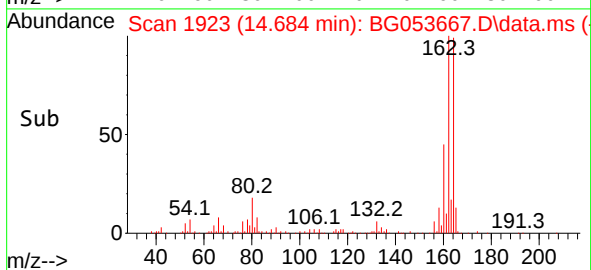
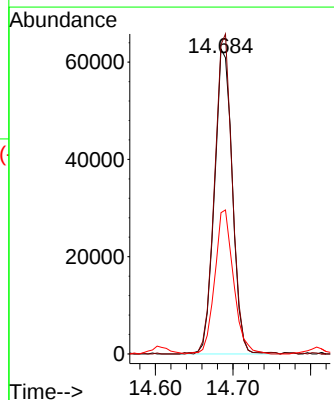
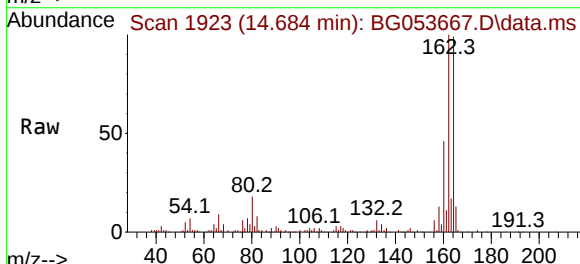
Instrument :
BNA_G
ClientSampleId :
MW-25

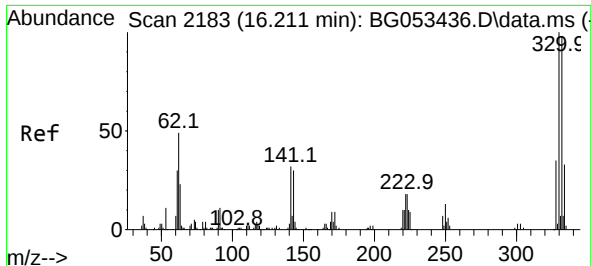
Tgt Ion:142 Resp: 141618
Ion Ratio Lower Upper
142 100
141 90.1 76.4 114.6
116 4.4 3.3 4.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.684 min Scan# 1923
Delta R.T. -0.005 min
Lab File: BG053667.D
Acq: 23 May 2022 16:49

Tgt Ion:164 Resp: 100777
Ion Ratio Lower Upper
164 100
162 101.5 82.3 123.5
160 46.3 34.2 51.2

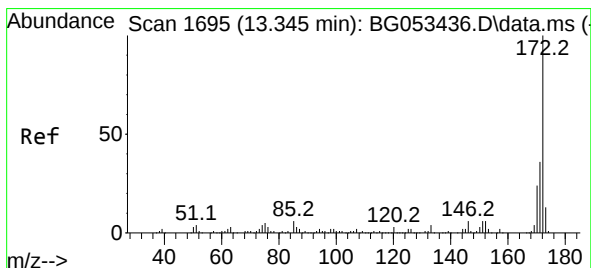
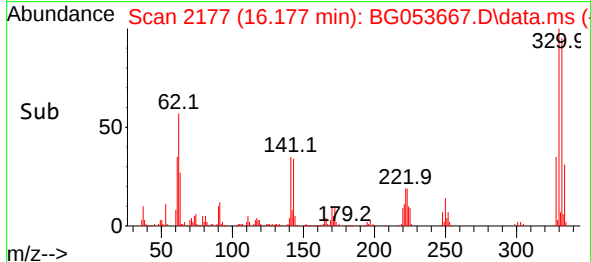
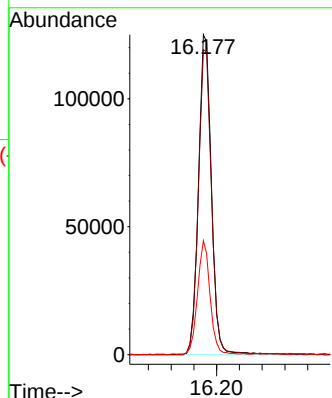
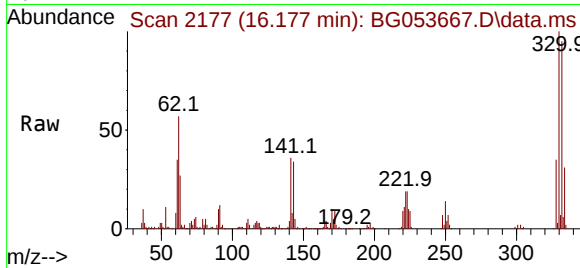




#42
 2,4,6-Tribromophenol
 Concen: 133.353 ng
 RT: 16.177 min Scan# 2183
 Delta R.T. -0.005 min
 Lab File: BG053667.D
 Acq: 23 May 2022 16:49

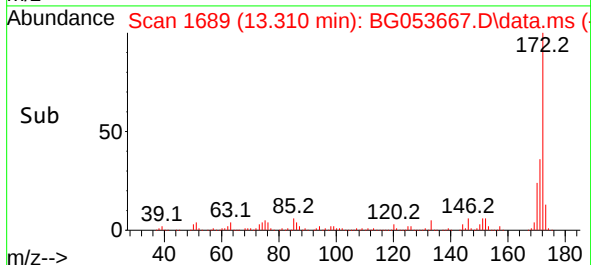
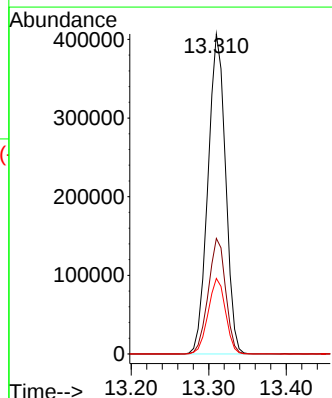
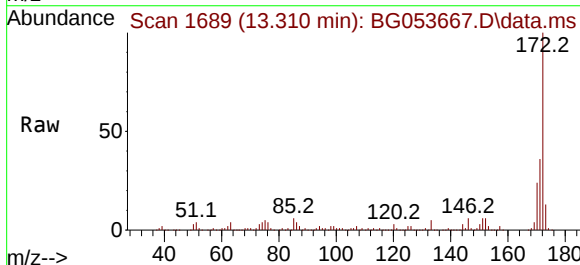
Instrument :
 BNA_G
 ClientSampleId :
 MW-25

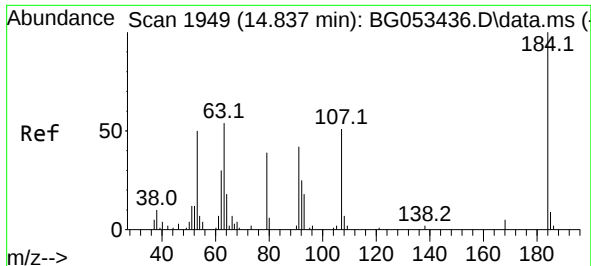
Tgt Ion:330 Resp: 198209
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.0 114.0
 141 34.1 27.1 40.7



#45
 2-Fluorobiphenyl
 Concen: 92.832 ng
 RT: 13.310 min Scan# 1689
 Delta R.T. -0.005 min
 Lab File: BG053667.D
 Acq: 23 May 2022 16:49

Tgt Ion:172 Resp: 640214
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.5 42.7
 170 23.6 18.9 28.3

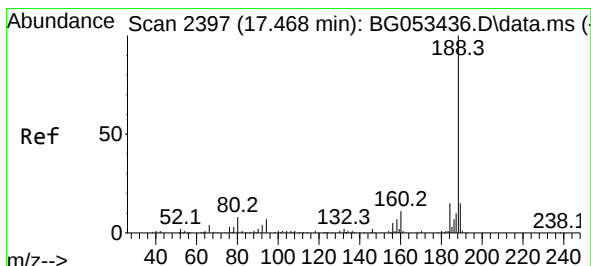
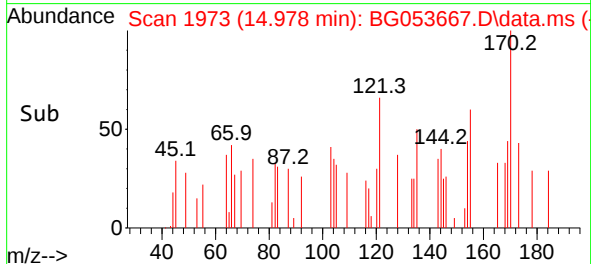
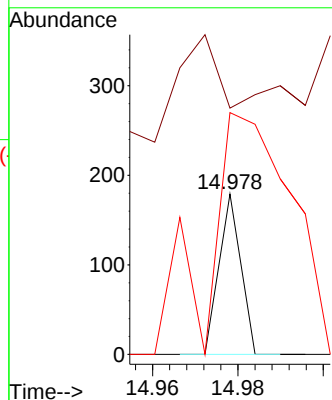
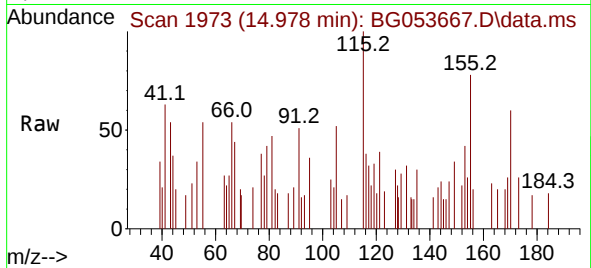




#54
2,4-Dinitrophenol
Concen: 6.303 ng
RT: 14.978 min Scan# 1949
Delta R.T. 0.159 min
Lab File: BG053667.D
Acq: 23 May 2022 16:49

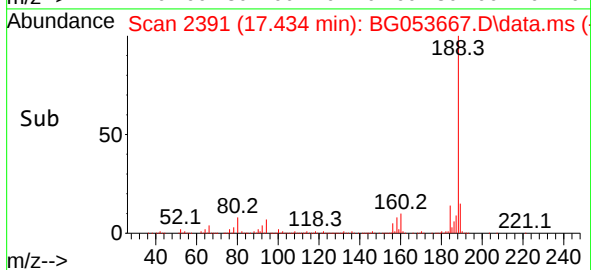
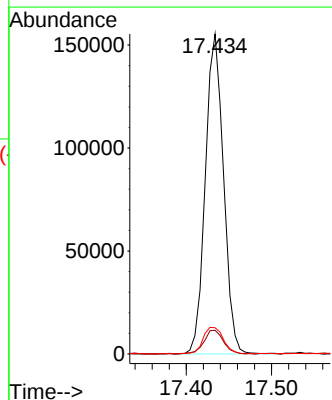
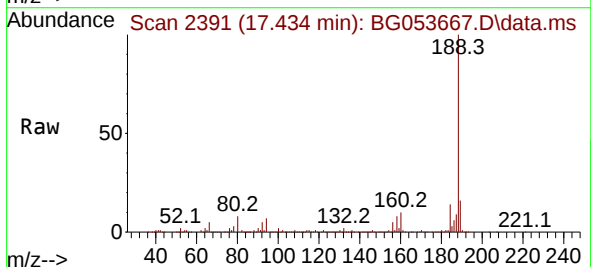
Instrument :
BNA_G
ClientSampleId :
MW-25

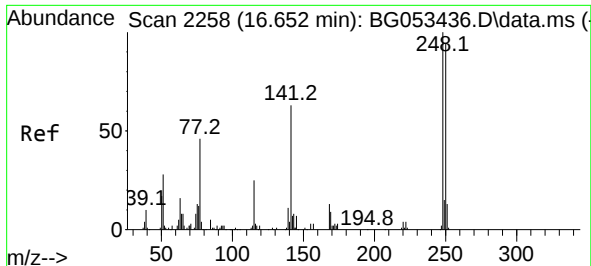
Tgt Ion:184 Resp: 63
Ion Ratio Lower Upper
184 100
63 153.6 61.1 91.7#
154 150.8 60.6 91.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.434 min Scan# 2391
Delta R.T. -0.005 min
Lab File: BG053667.D
Acq: 23 May 2022 16:49

Tgt Ion:188 Resp: 230797
Ion Ratio Lower Upper
188 100
94 7.4 5.4 8.0
80 8.2 6.8 10.2

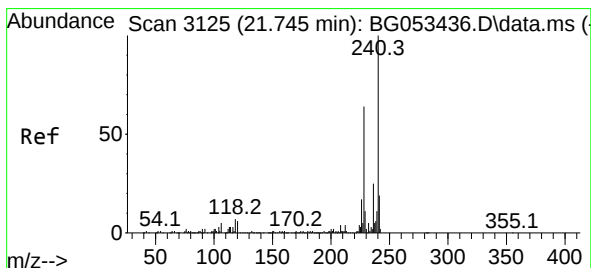
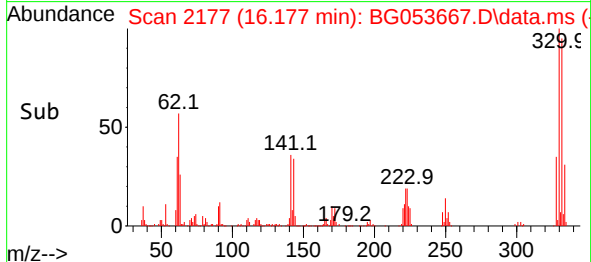
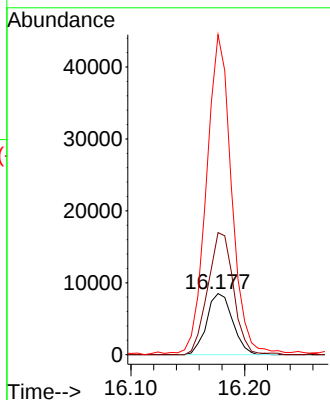
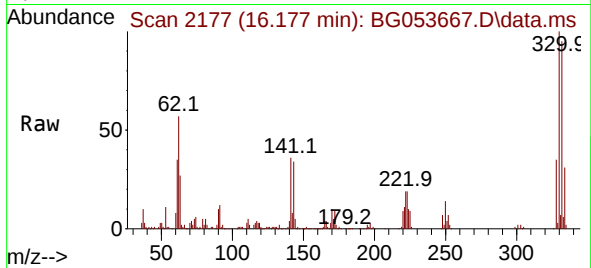




#67
4-Bromophenyl-phenylether
Concen: 4.994 ng
RT: 16.177 min Scan# 2177
Delta R.T. -0.440 min
Lab File: BG053667.D
Acq: 23 May 2022 16:49

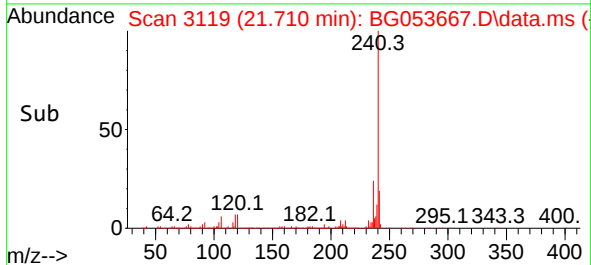
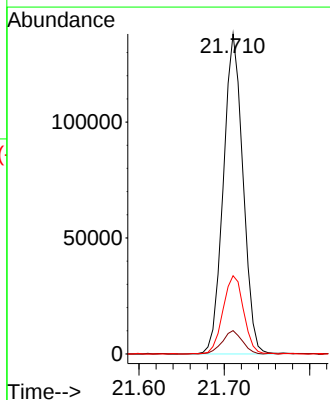
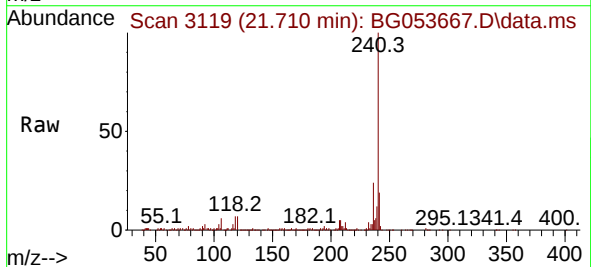
Instrument :
BNA_G
ClientSampleId :
MW-25

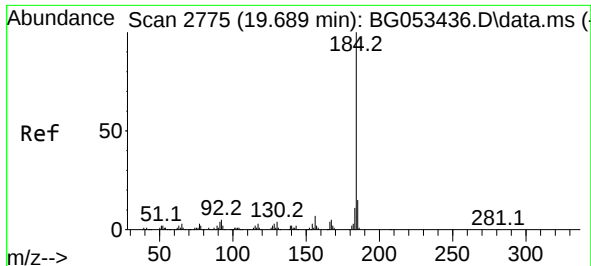
Tgt Ion:248 Resp: 13461
Ion Ratio Lower Upper
248 100
250 199.7 75.2 112.8#
141 523.1 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.710 min Scan# 3119
Delta R.T. -0.005 min
Lab File: BG053667.D
Acq: 23 May 2022 16:49

Tgt Ion:240 Resp: 220674
Ion Ratio Lower Upper
240 100
120 7.3 4.6 7.0#
236 24.5 20.2 30.4

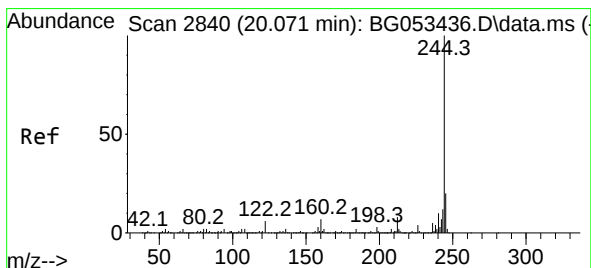
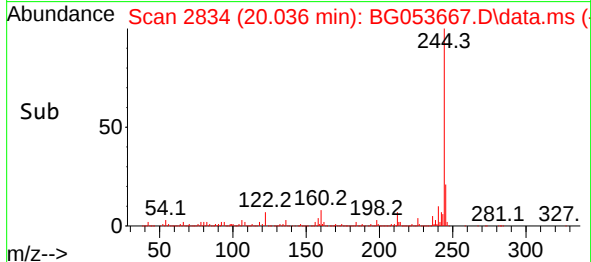
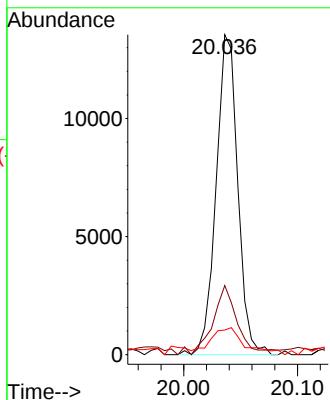
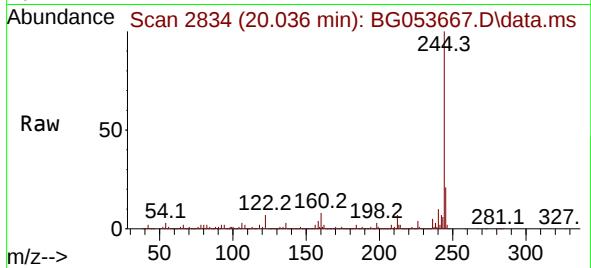




#77
Benzidine
Concen: 3.773 ng
RT: 20.036 min Scan# 2834
Delta R.T. 0.376 min
Lab File: BG053667.D
Acq: 23 May 2022 16:49

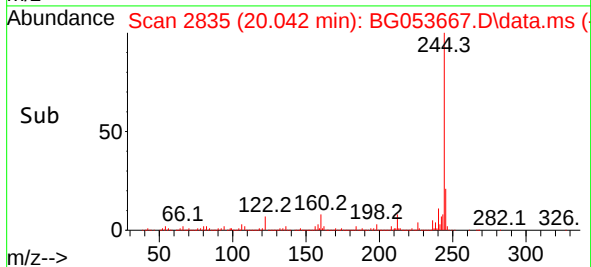
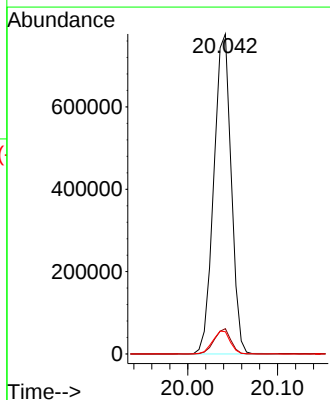
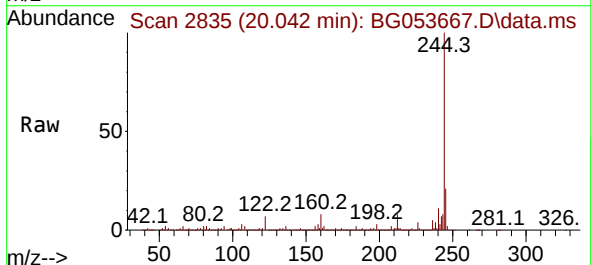
Instrument :
BNA_G
ClientSampleId :
MW-25

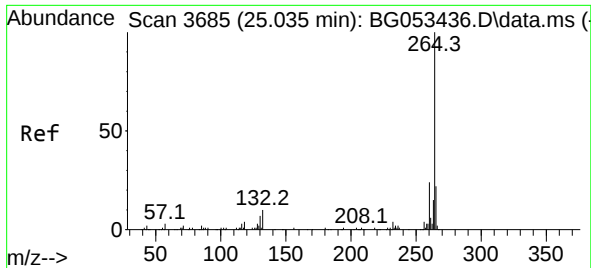
Tgt Ion:184 Resp: 17945
Ion Ratio Lower Upper
184 100
185 21.6 11.8 17.6#
183 7.7 8.9 13.3#



#79
Terphenyl-d14
Concen: 87.944 ng
RT: 20.042 min Scan# 2835
Delta R.T. 0.000 min
Lab File: BG053667.D
Acq: 23 May 2022 16:49

Tgt Ion:244 Resp: 1041999
Ion Ratio Lower Upper
244 100
212 7.9 6.5 9.7
122 7.0 5.0 7.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.970 min Scan# 30
 Delta R.T. -0.011 min
 Lab File: BG053667.D
 Acq: 23 May 2022 16:49

Instrument :
 BNA_G
 ClientSampleId :
 MW-25

Tgt Ion:264 Resp: 220397
 Ion Ratio Lower Upper
 264 100
 260 21.9 19.0 28.6
 265 22.1 17.4 26.2

