

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060722\
 Data File : BG053841.D
 Acq On : 7 Jun 2022 17:43
 Operator : CG/JU
 Sample : N3202-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-11

Quant Time: Jun 08 02:51:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 23:22:27 2022
 Response via : Initial Calibration

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

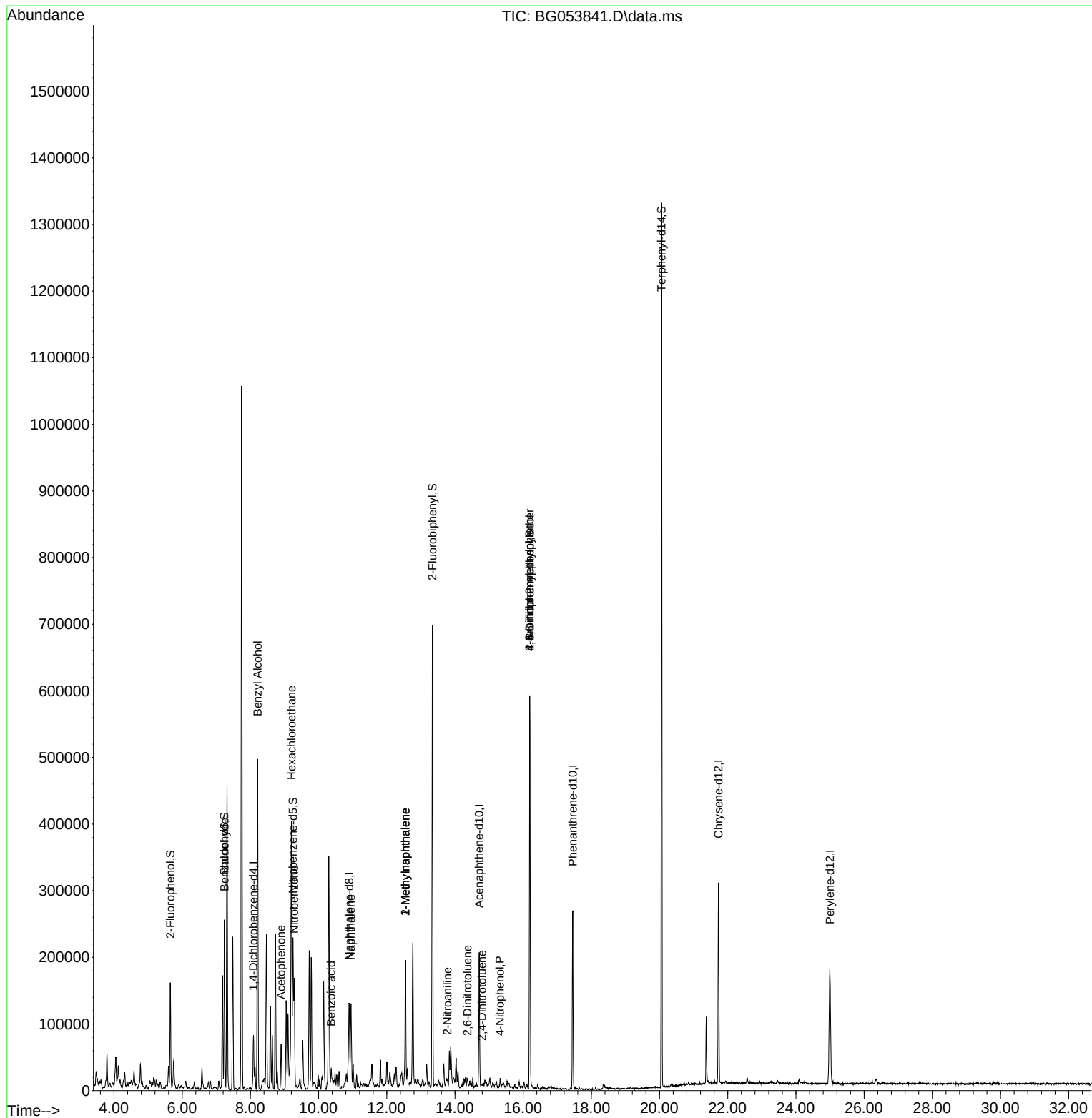
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.091	152	24543	20.000	ng	0.00
21) Naphthalene-d8	10.899	136	97487	20.000	ng	0.00
39) Acenaphthene-d10	14.712	164	73875	20.000	ng	0.00
64) Phenanthrene-d10	17.456	188	188954	20.000	ng	0.00
76) Chrysene-d12	21.728	240	206411	20.000	ng	0.00
86) Perylene-d12	24.994	264	210469	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.652	112	72121	53.962	ng	0.00
7) Phenol-d6	7.239	99	57702	31.872	ng	0.00
23) Nitrobenzene-d5	9.248	82	142516	96.000	ng	0.00
42) 2,4,6-Tribromophenol	16.193	330	140251	156.401	ng	0.00
45) 2-Fluorobiphenyl	13.337	172	385077	77.980	ng	0.00
79) Terphenyl-d14	20.059	244	730458	70.402	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.245	77	13257	10.981	ng	# 1
15) Benzyl Alcohol	8.214	79	29303	21.624	ng	# 13
18) Hexachloroethane	9.207	117	39708	67.781	ng	# 1
22) Acetophenone	8.901	105	50919	21.152	ng	# 53
24) Nitrobenzene	9.283	77	6610	6.729	ng	# 1
31) Naphthalene	10.946	128	73157	14.662	ng	# 98
32) Benzoic acid	10.364	122	1283	7.934	ng	# 6
37) 2-Methylnaphthalene	12.550	142	96184	26.574	ng	# 95
38) 1-Methylnaphthalene	12.550	142	96184	27.174	ng	# 96
48) 2-Nitroaniline	13.778	65	218	5.228	ng	# 10
51) 2,6-Dinitrotoluene	14.366	165	415	4.425	ng	# 28
56) 4-Nitrophenol	15.317	139	73	4.698	ng	# 90
57) 2,4-Dinitrotoluene	14.794	165	363	4.639	ng	# 21
65) 4,6-Dinitro-2-methylph...	16.193	198	286	5.952	ng	# 70
67) 4-Bromophenyl-phenylether	16.193	248	8891	4.331	ng	# 1

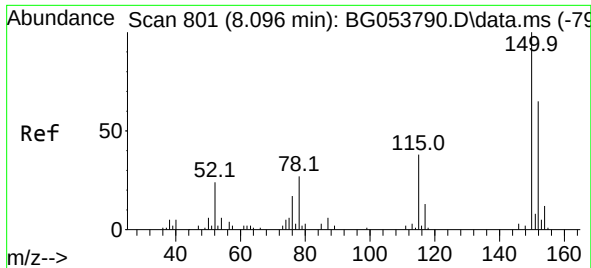
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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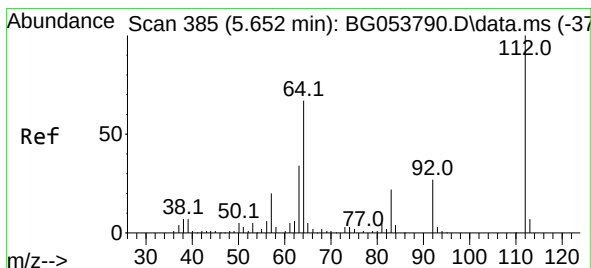
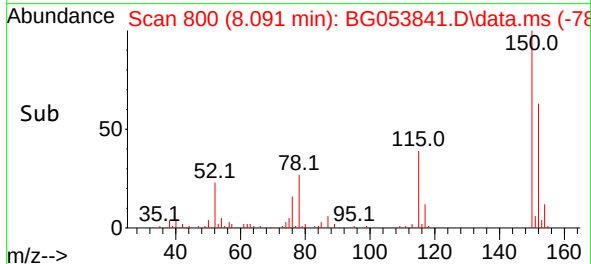
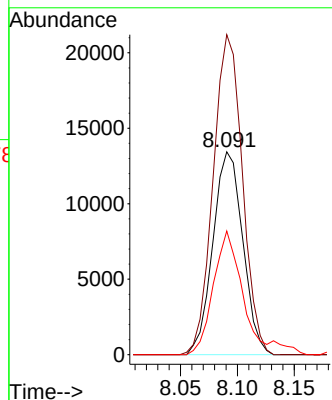
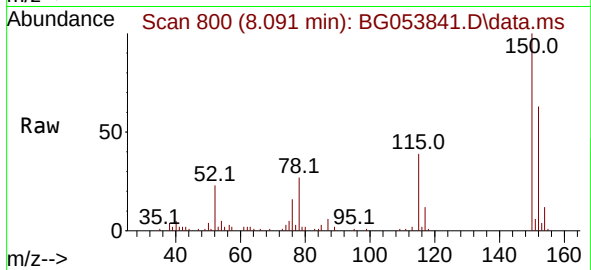




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.091 min Scan# 801
Delta R.T. -0.005 min
Lab File: BG053841.D
Acq: 7 Jun 2022 17:43

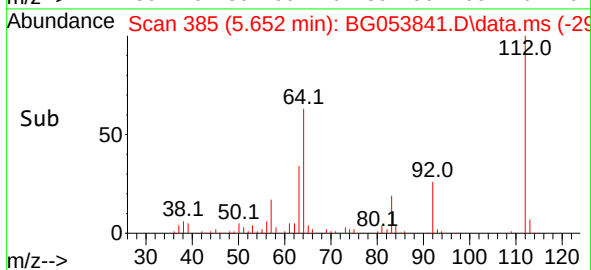
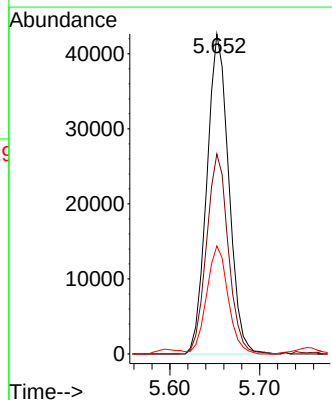
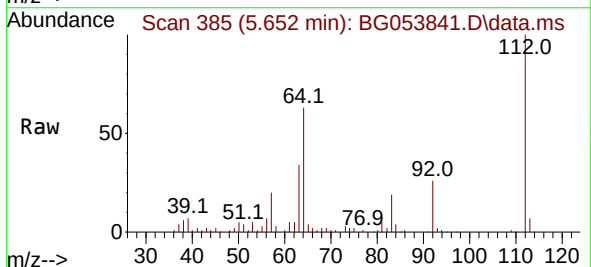
Instrument :
BNA_G
ClientSampleId :
MW-11

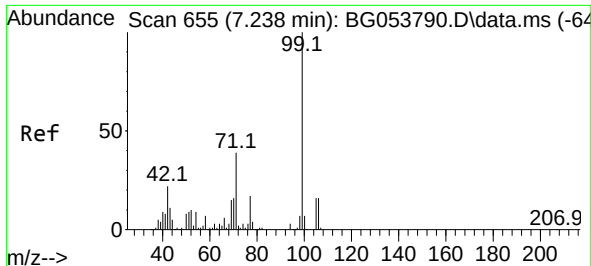
Tgt Ion:152 Resp: 24543
Ion Ratio Lower Upper
152 100
150 157.7 131.6 197.4
115 61.0 50.9 76.3



#5
2-Fluorophenol
Concen: 53.962 ng
RT: 5.652 min Scan# 385
Delta R.T. 0.000 min
Lab File: BG053841.D
Acq: 7 Jun 2022 17:43

Tgt Ion:112 Resp: 72121
Ion Ratio Lower Upper
112 100
64 62.5 55.1 82.7
63 33.8 30.4 45.6

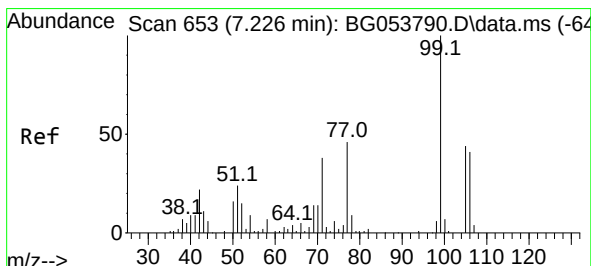
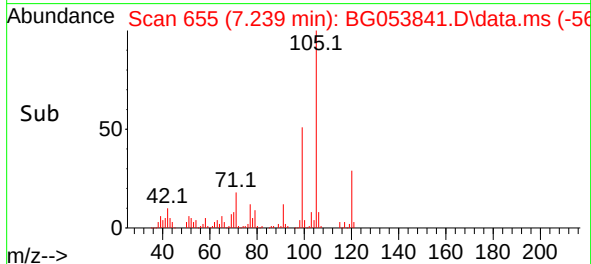
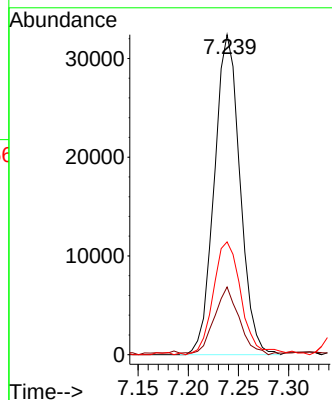
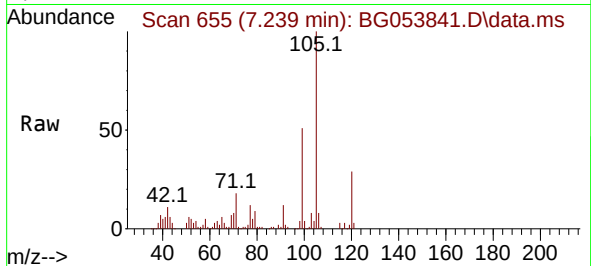




#7
Phenol-d6
Concen: 31.872 ng
RT: 7.239 min Scan# 611
Delta R.T. 0.001 min
Lab File: BG053841.D
Acq: 7 Jun 2022 17:43

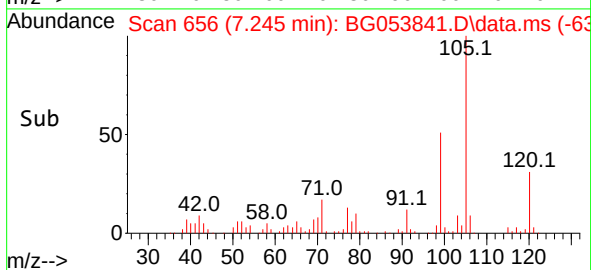
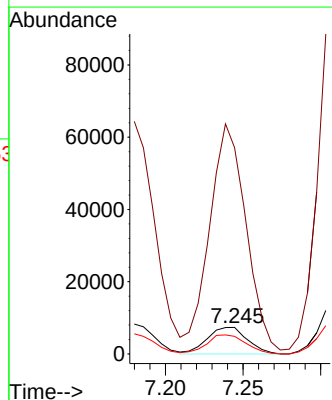
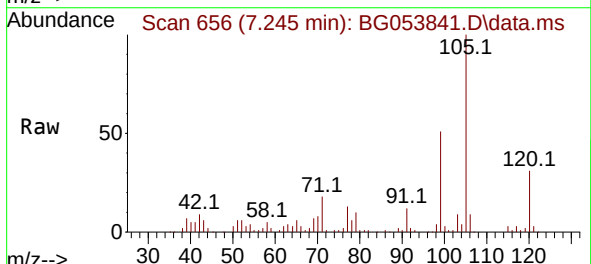
Instrument :
BNA_G
ClientSampleId :
MW-11

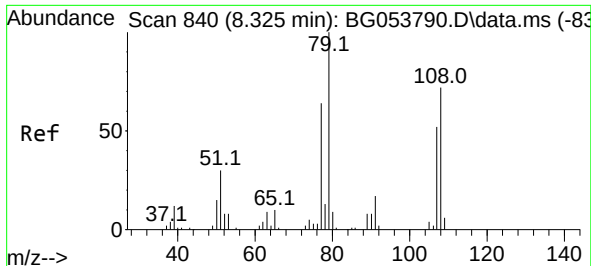
Tgt Ion: 99 Resp: 57702
Ion Ratio Lower Upper
99 100
42 21.2 17.0 25.6
71 35.2 33.8 50.8



#9
Benzaldehyde
Concen: 10.981 ng
RT: 7.245 min Scan# 656
Delta R.T. 0.019 min
Lab File: BG053841.D
Acq: 7 Jun 2022 17:43

Tgt Ion: 77 Resp: 13257
Ion Ratio Lower Upper
77 100
105 778.2 59.6 99.6#
106 66.6 56.8 96.8

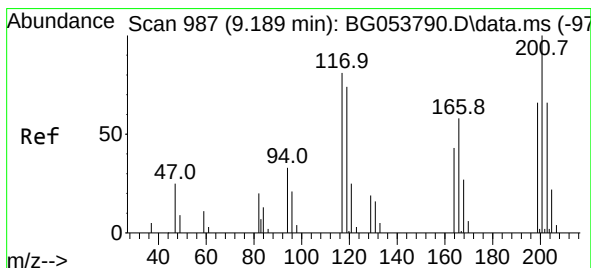
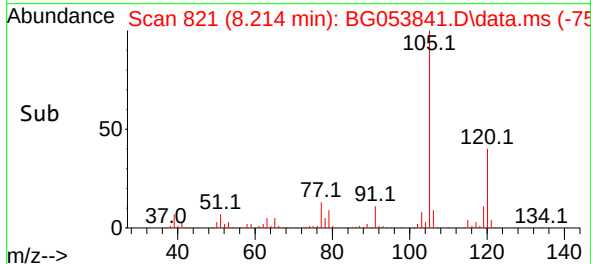
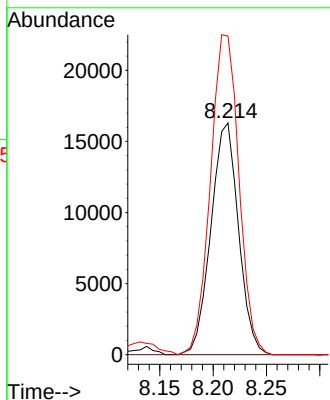
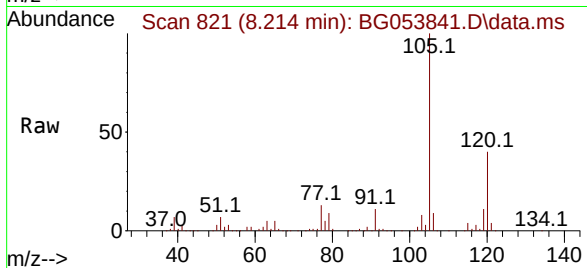




#15
Benzyl Alcohol
Concen: 21.624 ng
RT: 8.214 min Scan# 81
Delta R.T. -0.111 min
Lab File: BG053841.D
Acq: 7 Jun 2022 17:43

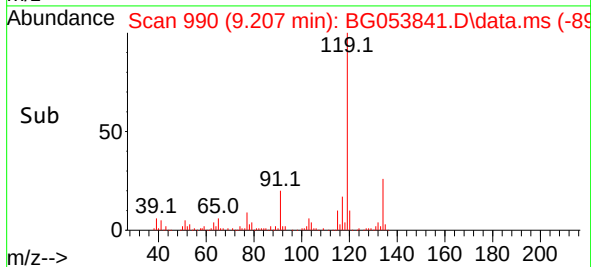
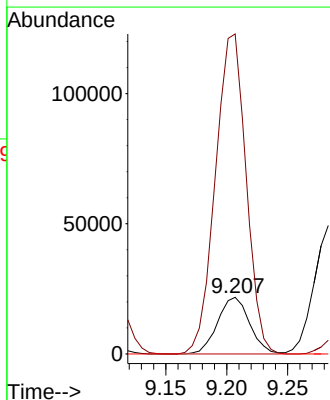
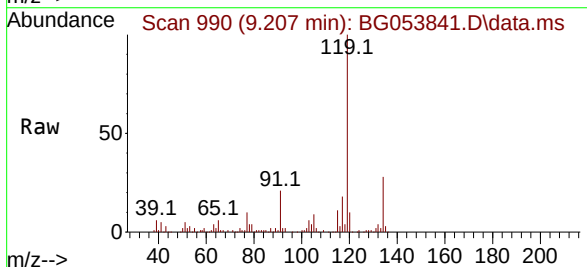
Instrument :
BNA_G
ClientSampleId :
MW-11

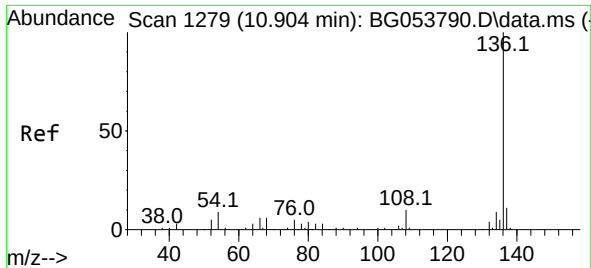
Tgt Ion: 79 Resp: 29303
Ion Ratio Lower Upper
79 100
108 0.0 53.7 80.5#
77 137.6 52.2 78.4#



#18
Hexachloroethane
Concen: 67.781 ng
RT: 9.207 min Scan# 990
Delta R.T. 0.018 min
Lab File: BG053841.D
Acq: 7 Jun 2022 17:43

Tgt Ion: 117 Resp: 39708
Ion Ratio Lower Upper
117 100
119 565.4 75.0 112.6#
201 0.0 89.0 133.6#

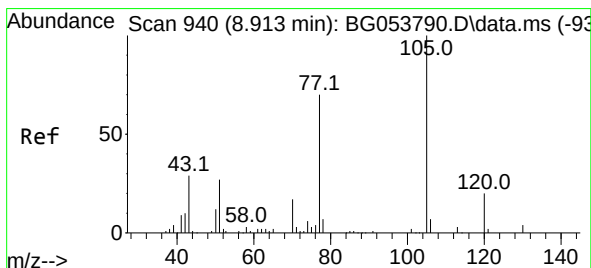
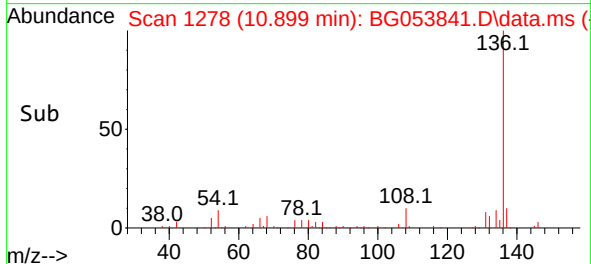
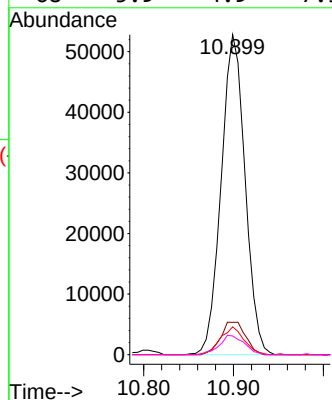
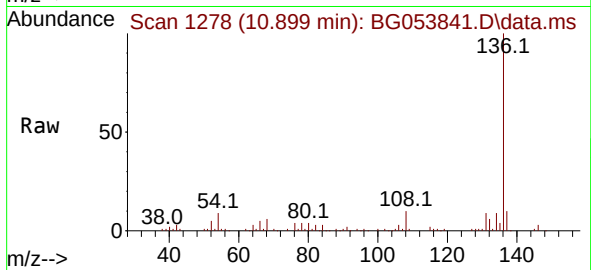




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.899 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG053841.D
Acq: 7 Jun 2022 17:43

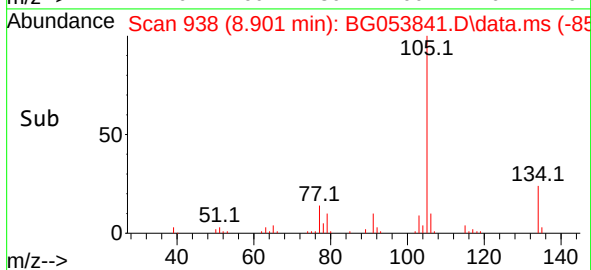
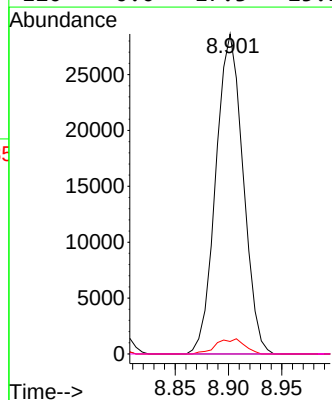
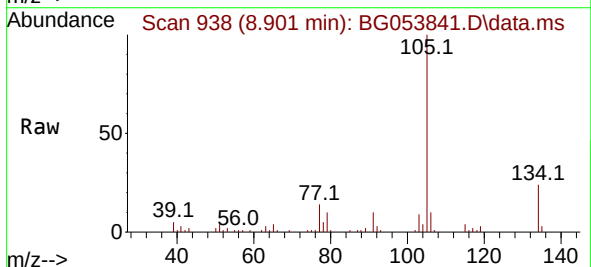
Instrument :
BNA_G
ClientSampleId :
MW-11

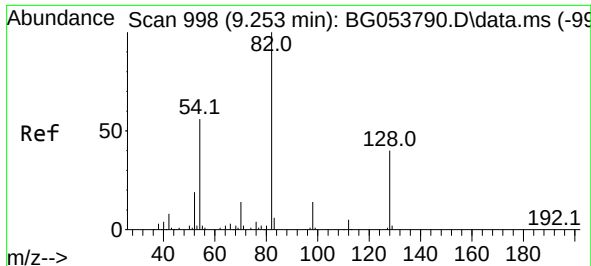
Tgt Ion:136 Resp: 97487
Ion Ratio Lower Upper
136 100
137 10.1 8.5 12.7
54 8.7 7.4 11.2
68 5.9 4.9 7.3



#22
Acetophenone
Concen: 21.152 ng
RT: 8.901 min Scan# 938
Delta R.T. -0.012 min
Lab File: BG053841.D
Acq: 7 Jun 2022 17:43

Tgt Ion:105 Resp: 50919
Ion Ratio Lower Upper
105 100
71 0.0 1.1 1.7#
51 3.9 25.4 38.0#
120 0.0 17.3 25.9#

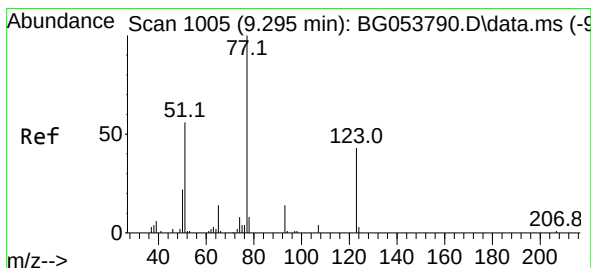
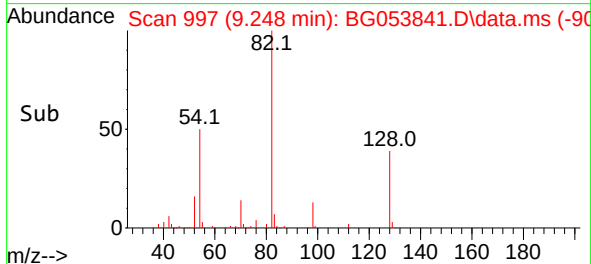
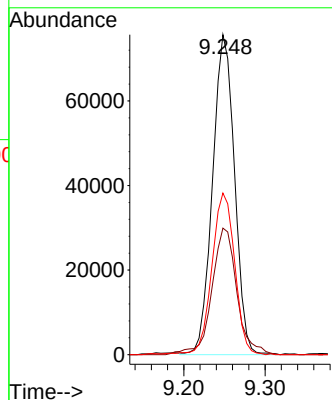
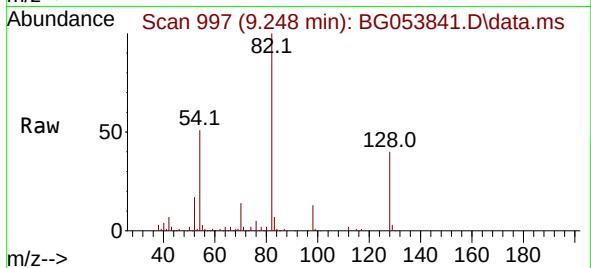




#23
Nitrobenzene-d5
Concen: 96.000 ng
RT: 9.248 min Scan# 91
Delta R.T. -0.005 min
Lab File: BG053841.D
Acq: 7 Jun 2022 17:43

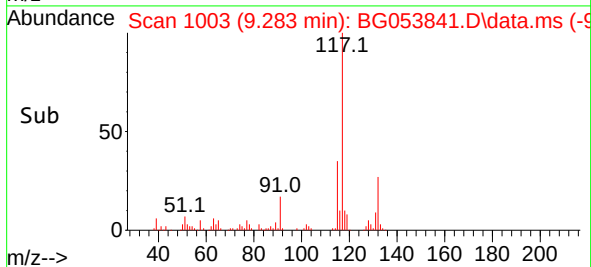
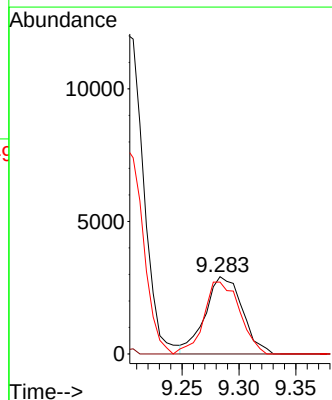
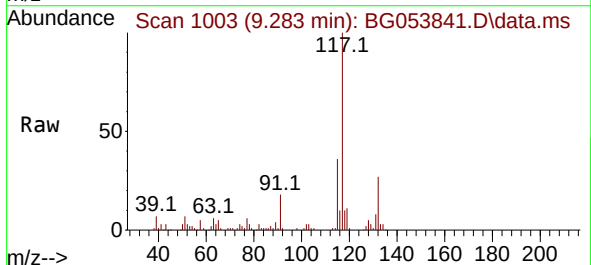
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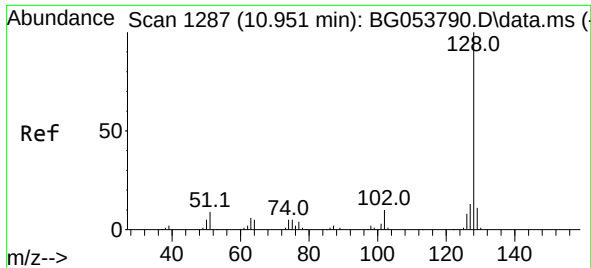
Tgt Ion: 82 Resp: 142516
Ion Ratio Lower Upper
82 100
128 39.6 27.9 41.9
54 50.5 41.2 61.8



#24
Nitrobenzene
Concen: 6.729 ng
RT: 9.283 min Scan# 1003
Delta R.T. -0.012 min
Lab File: BG053841.D
Acq: 7 Jun 2022 17:43

Tgt Ion: 77 Resp: 6610
Ion Ratio Lower Upper
77 100
123 0.0 27.4 41.0#
65 93.0 11.4 17.0#

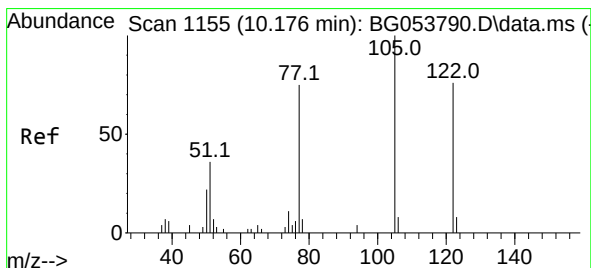
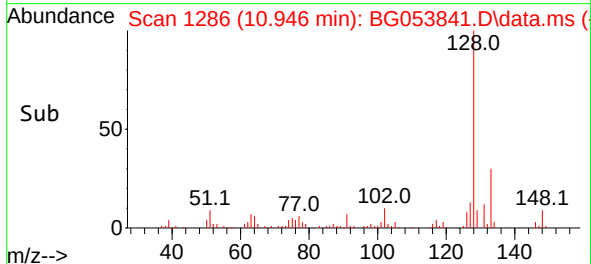
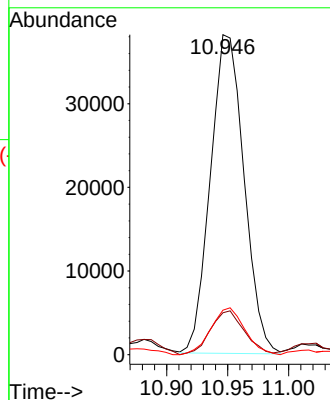
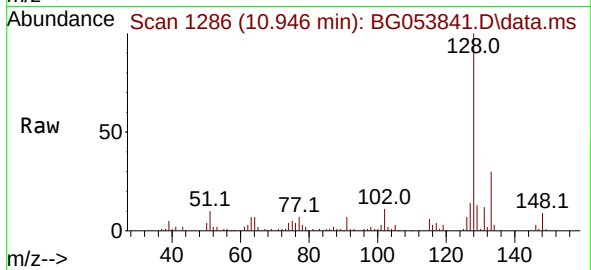




#31
Naphthalene
Concen: 14.662 ng
RT: 10.946 min Scan# 1187
Delta R.T. -0.005 min
Lab File: BG053841.D
Acq: 7 Jun 2022 17:43

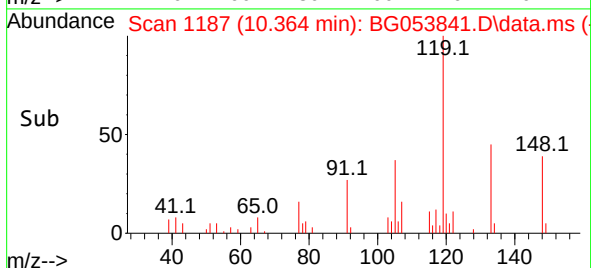
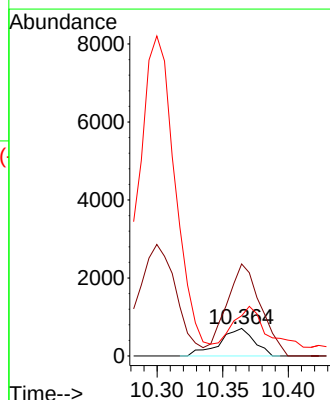
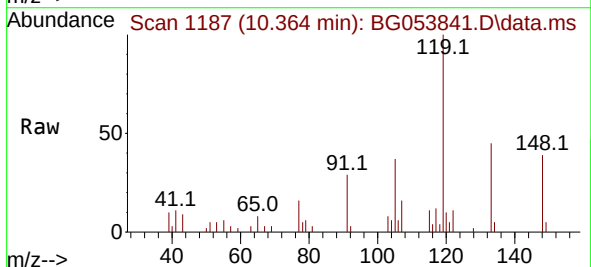
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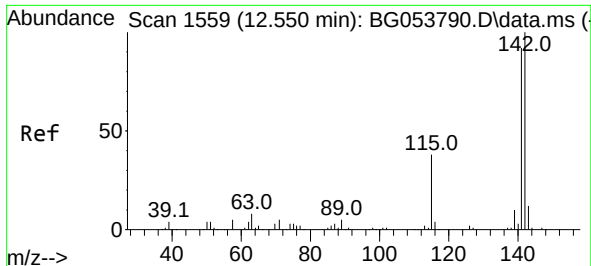
Tgt Ion:128	Resp:	73157
Ion Ratio	Lower	Upper
128	100	
129	13.1	9.0 13.6
127	13.9	11.1 16.7



#32
Benzoic acid
Concen: 7.934 ng
RT: 10.364 min Scan# 1187
Delta R.T. 0.188 min
Lab File: BG053841.D
Acq: 7 Jun 2022 17:43

Tgt Ion:122	Resp:	1283
Ion Ratio	Lower	Upper
122	100	
105	334.5	111.8 151.8#
77	146.4	109.4 149.4





#37

2-Methylnaphthalene

Concen: 26.574 ng

RT: 12.550 min Scan# 1559

Delta R.T. 0.000 min

Lab File: BG053841.D

Acq: 7 Jun 2022 17:43

Instrument :

BNA_G

ClientSampleId :

MW-11

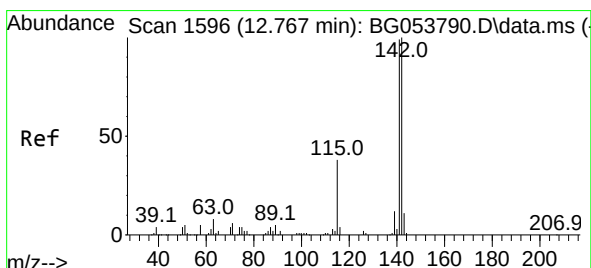
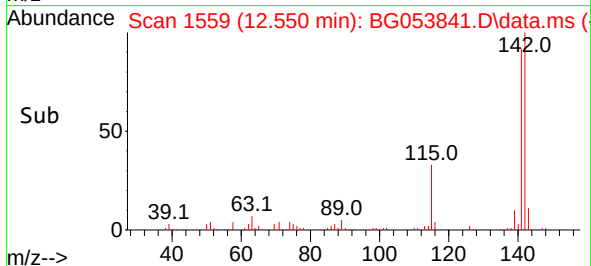
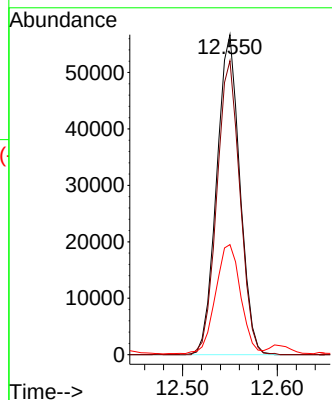
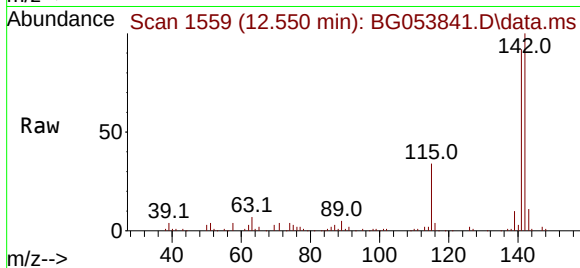
Tgt Ion:142 Resp: 96184

Ion Ratio Lower Upper

142 100

141 91.9 72.3 108.5

115 34.4 33.7 50.5



#38

1-Methylnaphthalene

Concen: 27.174 ng

RT: 12.550 min Scan# 1559

Delta R.T. -0.217 min

Lab File: BG053841.D

Acq: 7 Jun 2022 17:43

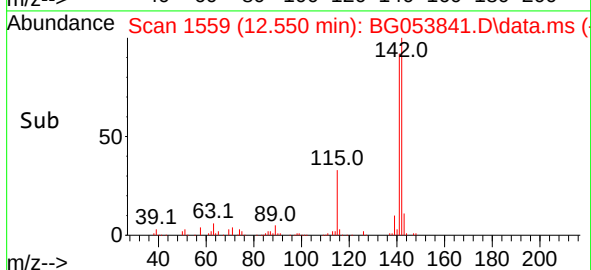
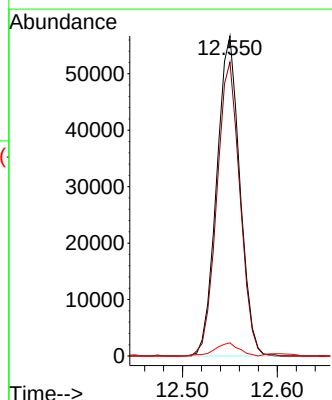
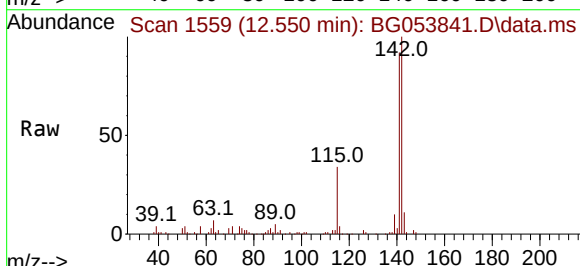
Tgt Ion:142 Resp: 96184

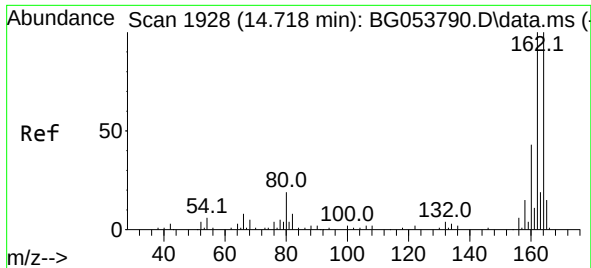
Ion Ratio Lower Upper

142 100

141 91.9 76.4 114.6

116 4.1 3.3 4.9

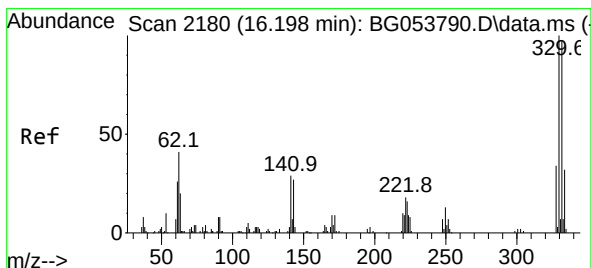
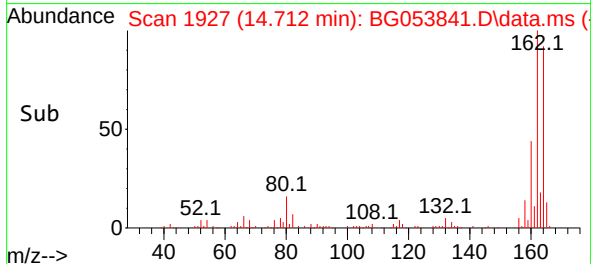
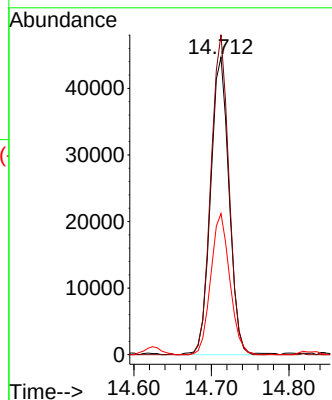
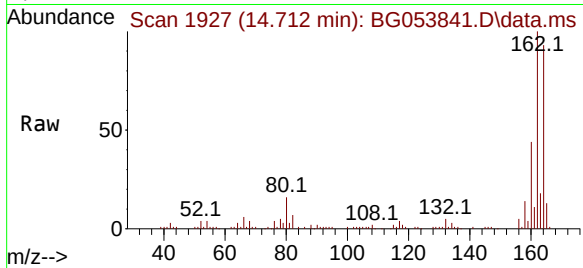




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.712 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BG053841.D
Acq: 7 Jun 2022 17:43

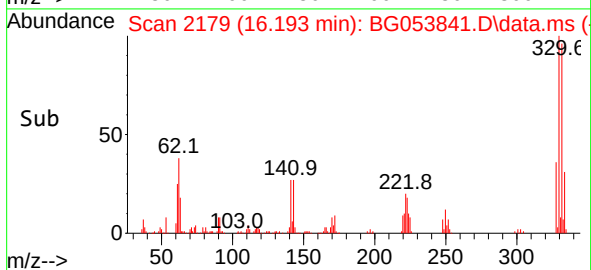
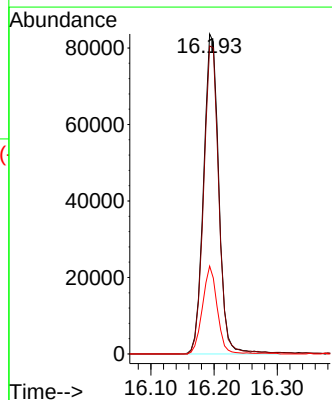
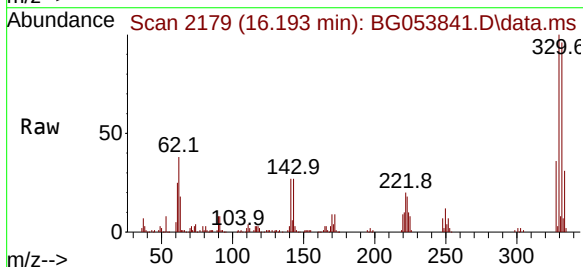
Instrument :
BNA_G
ClientSampleId :
MW-11

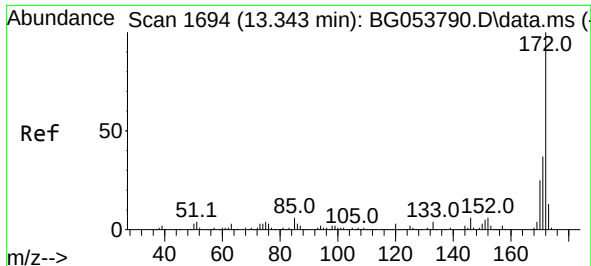
Tgt Ion:164 Resp: 73875
Ion Ratio Lower Upper
164 100
162 107.6 82.3 123.5
160 47.5 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 156.401 ng
RT: 16.193 min Scan# 2179
Delta R.T. -0.005 min
Lab File: BG053841.D
Acq: 7 Jun 2022 17:43

Tgt Ion:330 Resp: 140251
Ion Ratio Lower Upper
330 100
332 95.8 76.0 114.0
141 26.6 27.1 40.7#

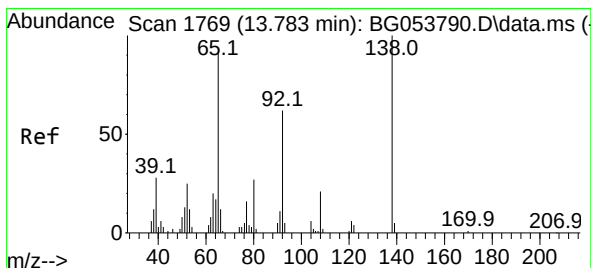
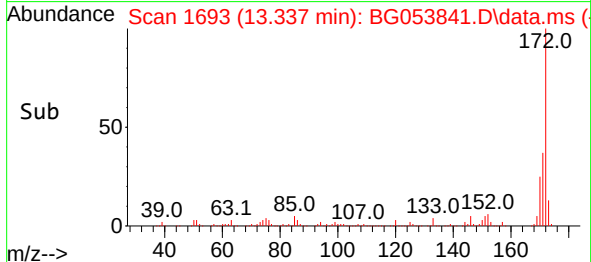
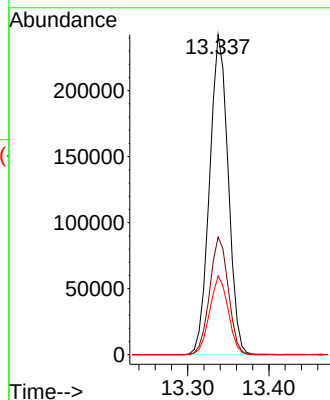
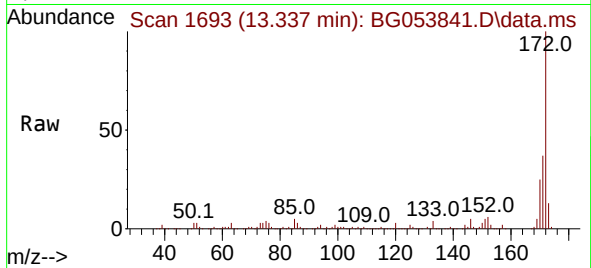




#45
2-Fluorobiphenyl
Concen: 77.980 ng
RT: 13.337 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG053841.D
Acq: 7 Jun 2022 17:43

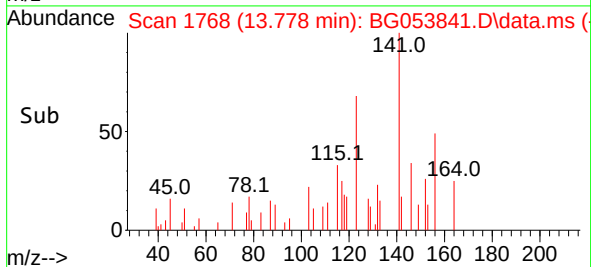
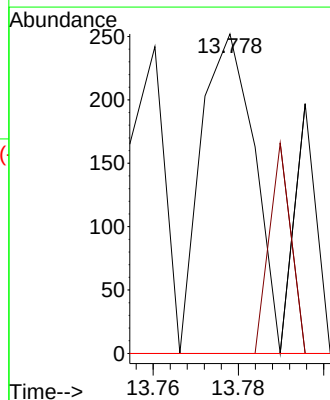
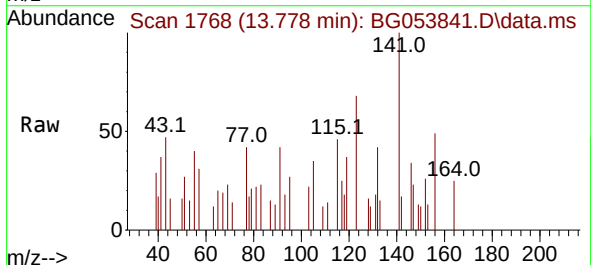
Instrument :
BNA_G
ClientSampleId :
MW-11

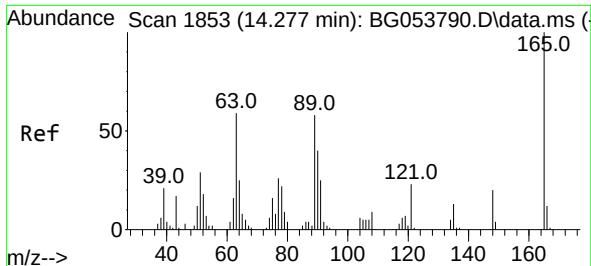
Tgt Ion:172 Resp: 385077
Ion Ratio Lower Upper
172 100
171 36.8 28.5 42.7
170 24.6 18.9 28.3



#48
2-Nitroaniline
Concen: 5.228 ng
RT: 13.778 min Scan# 1768
Delta R.T. -0.005 min
Lab File: BG053841.D
Acq: 7 Jun 2022 17:43

Tgt Ion: 65 Resp: 218
Ion Ratio Lower Upper
65 100
92 0.0 51.5 77.3#
138 0.0 71.3 106.9#

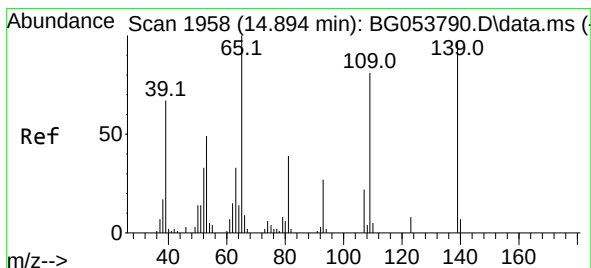
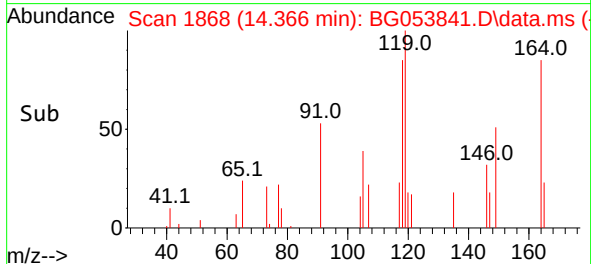
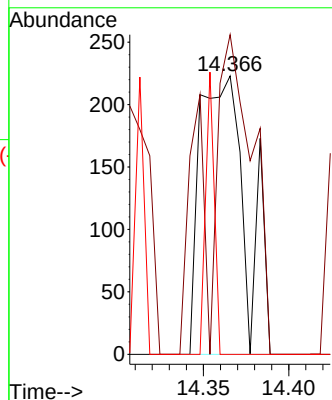
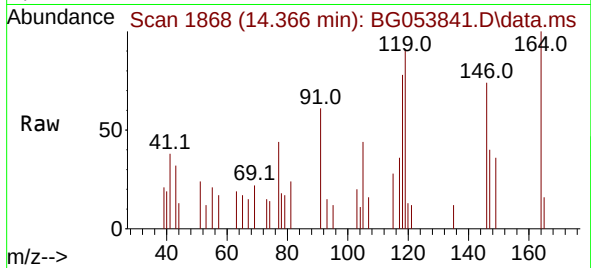




#51
2,6-Dinitrotoluene
Concen: 4.425 ng
RT: 14.366 min Scan# 11
Delta R.T. 0.089 min
Lab File: BG053841.D
Acq: 7 Jun 2022 17:43

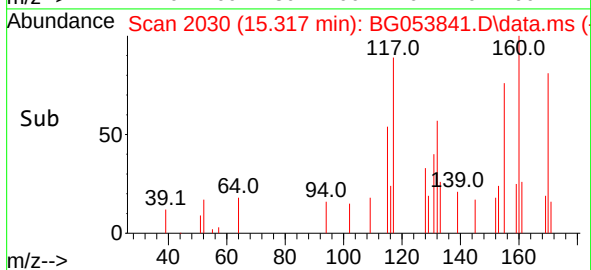
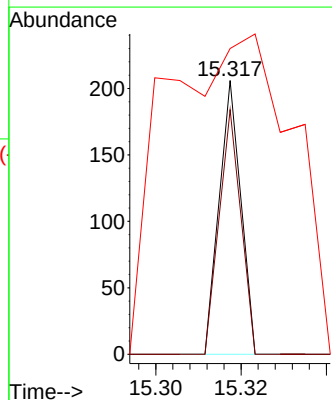
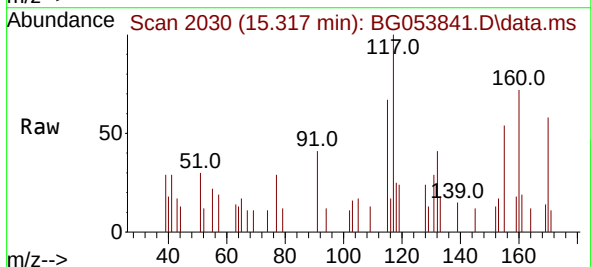
Instrument :
BNA_G
ClientSampleId :
MW-11

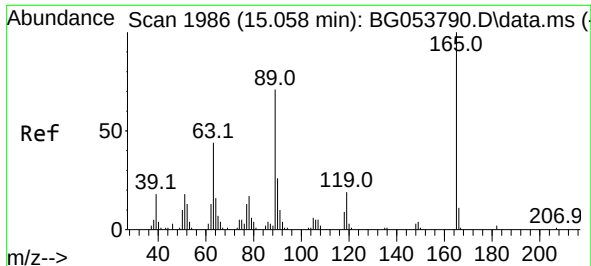
Tgt Ion:165 Resp: 415
Ion Ratio Lower Upper
165 100
63 114.8 54.1 81.1#
89 0.0 54.8 82.2#



#56
4-Nitrophenol
Concen: 4.698 ng
RT: 15.317 min Scan# 2030
Delta R.T. 0.423 min
Lab File: BG053841.D
Acq: 7 Jun 2022 17:43

Tgt Ion:139 Resp: 73
Ion Ratio Lower Upper
139 100
109 89.3 88.5 128.5
65 111.7 93.9 133.9





#57

2,4-Dinitrotoluene

Concen: 4.639 ng

RT: 14.794 min Scan# 1986

Delta R.T. -0.264 min

Lab File: BG053841.D

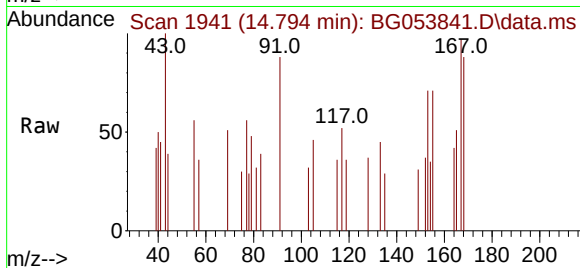
Acq: 7 Jun 2022 17:43

Instrument :

BNA_G

ClientSampleId :

MW-11



Tgt Ion:165 Resp: 363

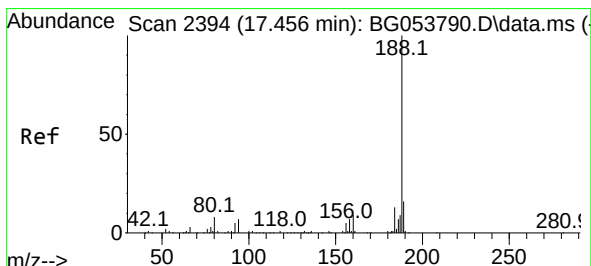
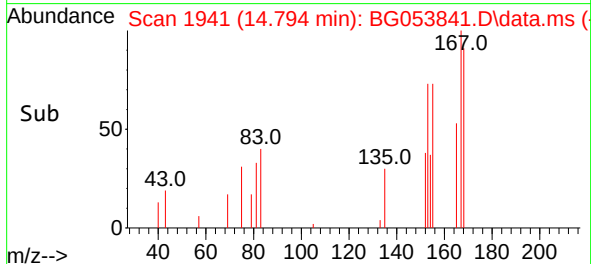
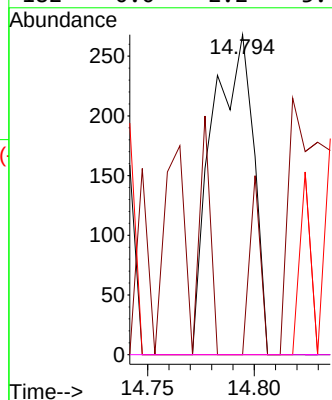
Ion Ratio Lower Upper

165 100

63 0.0 34.6 52.0#

89 0.0 60.3 90.5#

182 0.0 2.2 3.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.456 min Scan# 2394

Delta R.T. 0.000 min

Lab File: BG053841.D

Acq: 7 Jun 2022 17:43

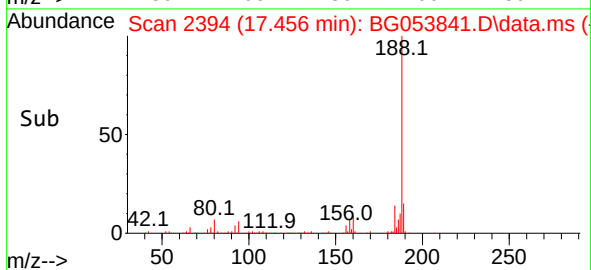
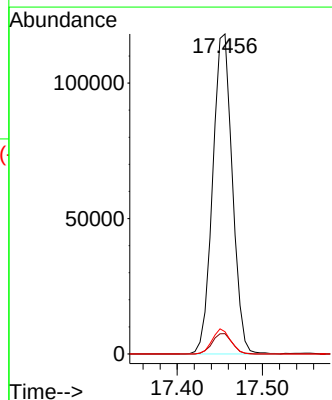
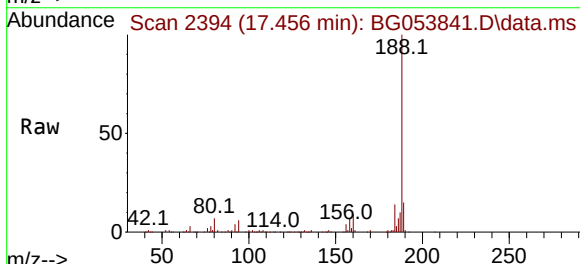
Tgt Ion:188 Resp: 188954

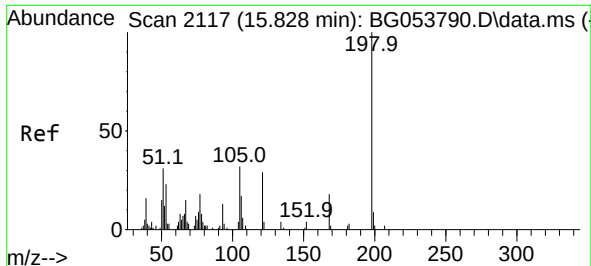
Ion Ratio Lower Upper

188 100

94 6.4 5.4 8.0

80 6.9 6.8 10.2

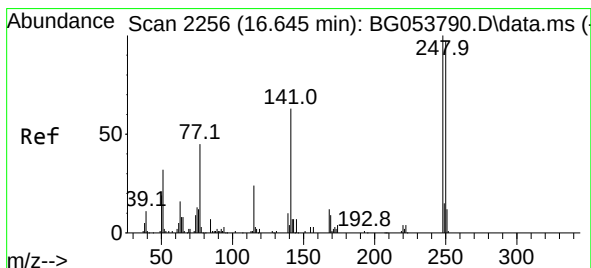
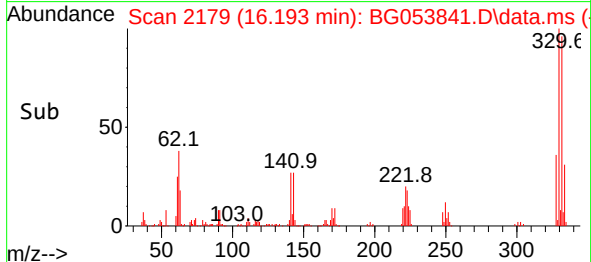
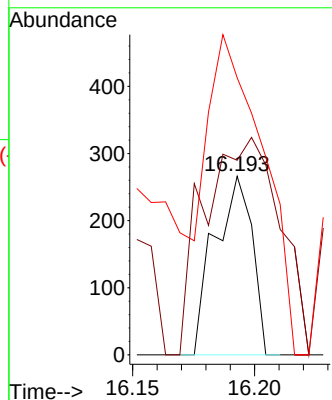
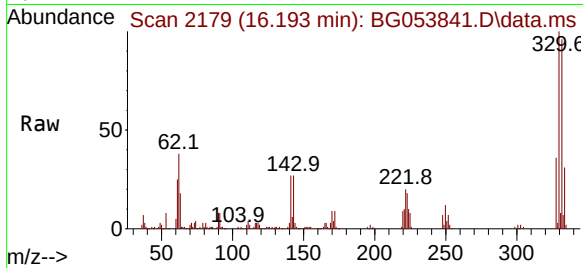




#65
4,6-Dinitro-2-methylphenol
Concen: 5.952 ng
RT: 16.193 min Scan# 2117
Delta R.T. 0.365 min
Lab File: BG053841.D
Acq: 7 Jun 2022 17:43

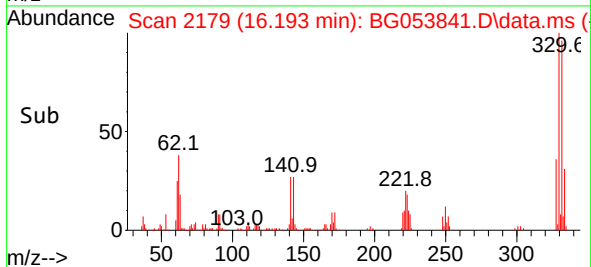
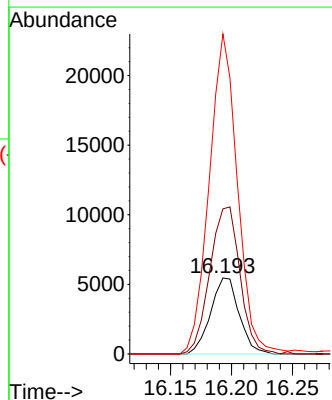
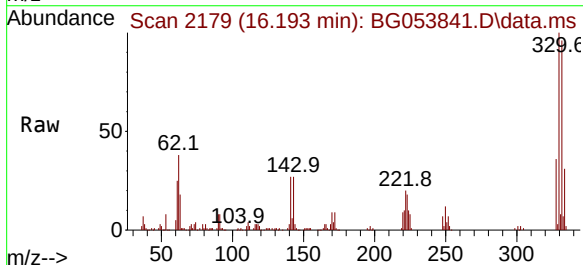
Instrument :
BNA_G
ClientSampleId :
MW-11

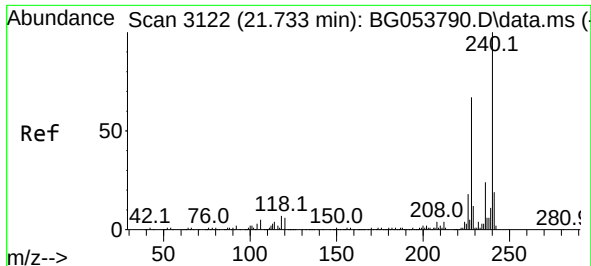
Tgt Ion:198 Resp: 286
Ion Ratio Lower Upper
198 100
51 20.5 28.1 68.1#
105 29.2 20.3 60.3



#67
4-Bromophenyl-phenylether
Concen: 4.331 ng
RT: 16.193 min Scan# 2179
Delta R.T. -0.452 min
Lab File: BG053841.D
Acq: 7 Jun 2022 17:43

Tgt Ion:248 Resp: 8891
Ion Ratio Lower Upper
248 100
250 191.9 75.2 112.8#
141 323.6 50.0 75.0#

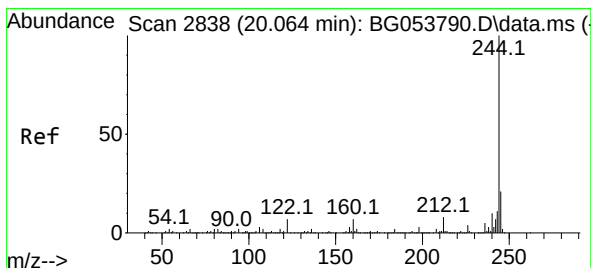
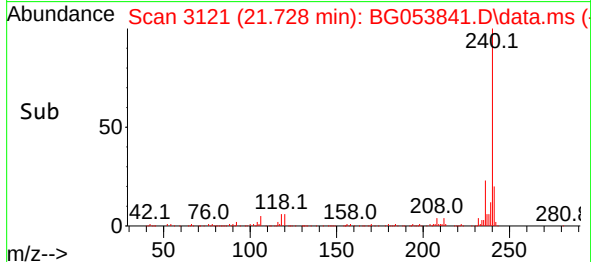
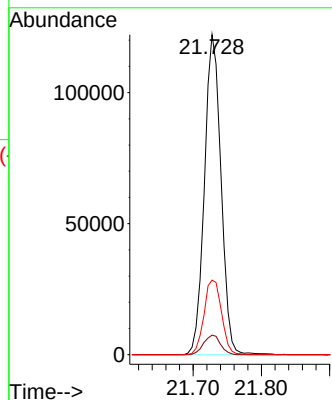
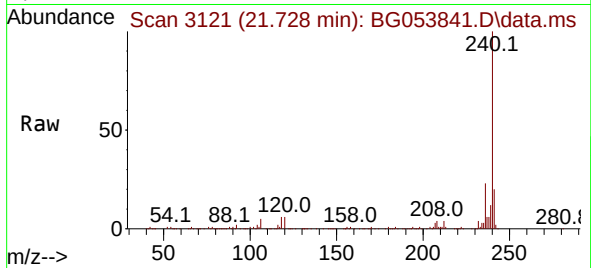




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.728 min Scan# 3121
Delta R.T. -0.005 min
Lab File: BG053841.D
Acq: 7 Jun 2022 17:43

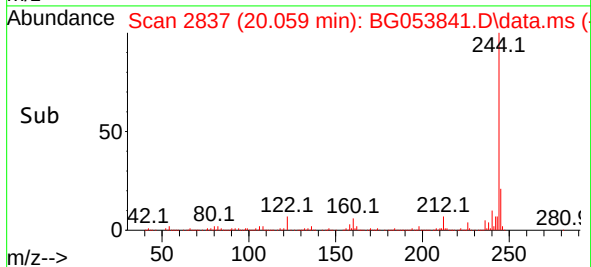
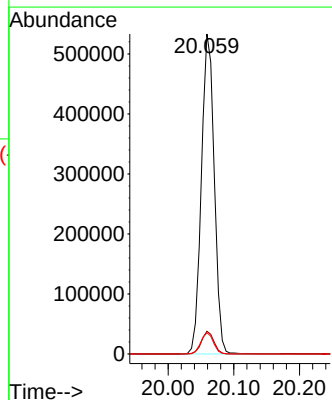
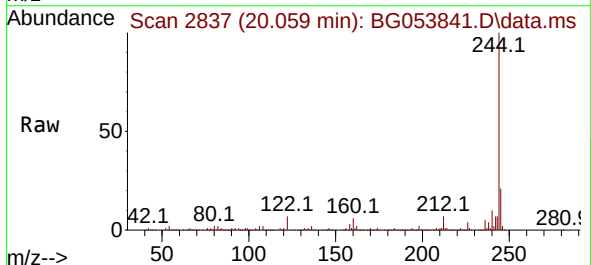
Instrument :
BNA_G
ClientSampleId :
MW-11

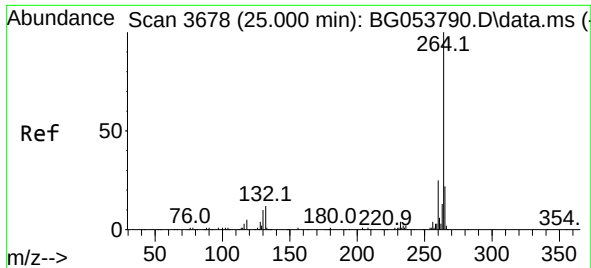
Tgt Ion:240 Resp: 206411
Ion Ratio Lower Upper
240 100
120 6.1 4.6 7.0
236 23.3 20.2 30.4



#79
Terphenyl-d14
Concen: 70.402 ng
RT: 20.059 min Scan# 2837
Delta R.T. -0.005 min
Lab File: BG053841.D
Acq: 7 Jun 2022 17:43

Tgt Ion:244 Resp: 730458
Ion Ratio Lower Upper
244 100
212 7.1 6.5 9.7
122 6.7 5.0 7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.994 min Scan# 30
Delta R.T. -0.005 min
Lab File: BG053841.D
Acq: 7 Jun 2022 17:43

Instrument :
BNA_G
ClientSampleId :
MW-11

Tgt Ion:264 Resp: 210469

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.0	28.6
265	21.3	17.4	26.2

