

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051022\
 Data File : BG053517.D
 Acq On : 10 May 2022 20:53
 Operator : CG/JU
 Sample : N2763-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-2-20220509

Quant Time: May 11 06:04:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 11 06:00:46 2022
 Response via : Initial Calibration

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

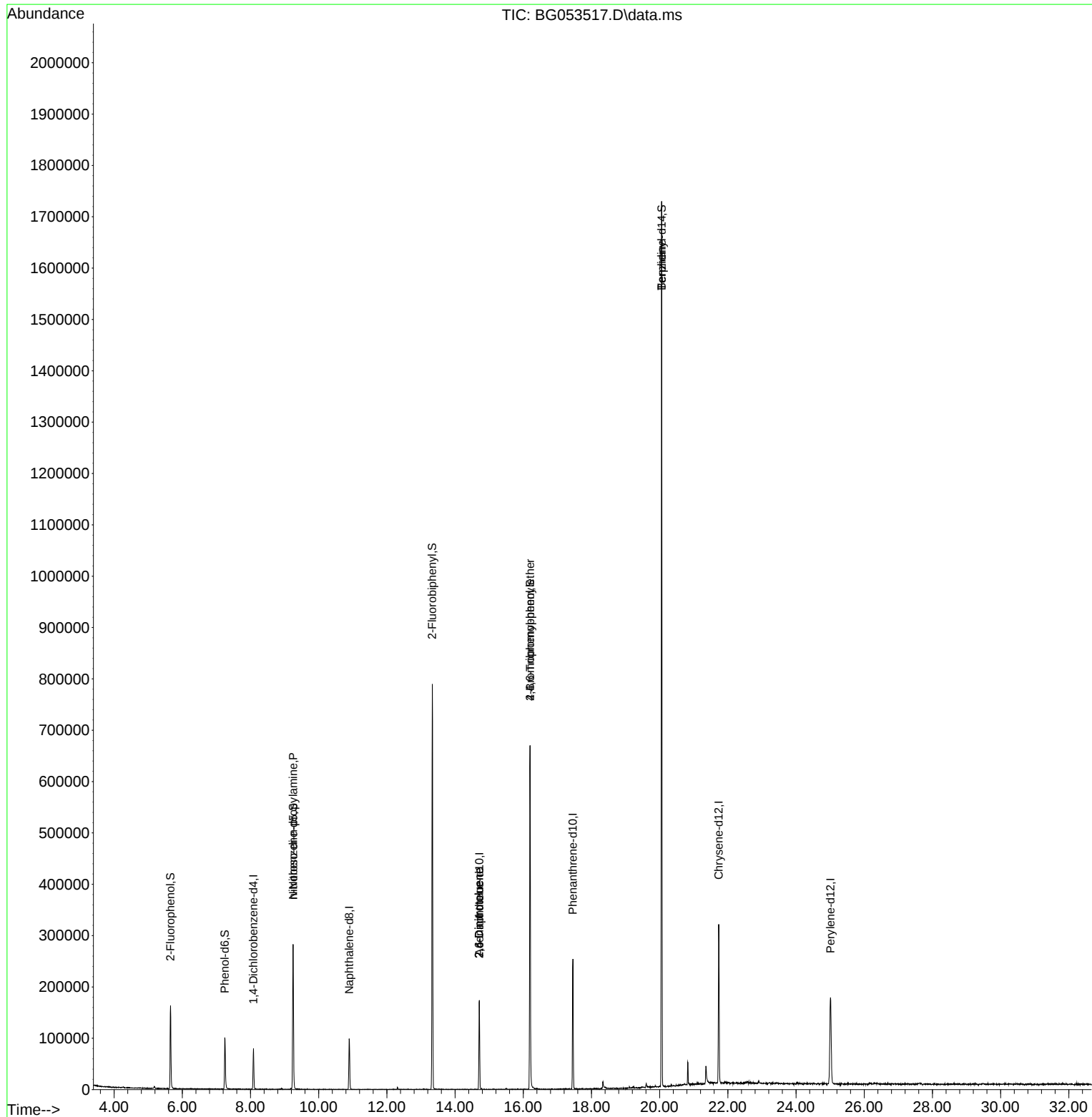
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	21315	20.000	ng	0.00
21) Naphthalene-d8	10.895	136	84660	20.000	ng	# 0.00
39) Acenaphthene-d10	14.713	164	62845	20.000	ng	0.00
64) Phenanthrene-d10	17.457	188	162629	20.000	ng	0.00
76) Chrysene-d12	21.733	240	194514	20.000	ng	0.00
86) Perylene-d12	25.011	264	197932	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.655	112	71219	56.706	ng	0.00
7) Phenol-d6	7.247	99	62296	32.683	ng	0.00
23) Nitrobenzene-d5	9.250	82	184228	92.633	ng	0.00
42) 2,4,6-Tribromophenol	16.199	330	136764	147.551	ng	0.00
45) 2-Fluorobiphenyl	13.333	172	418478	97.305	ng	0.00
79) Terphenyl-d14	20.059	244	862174	82.553	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.250	70	25744	18.824	ng	# 81
51) 2,6-Dinitrotoluene	14.707	165	8613	8.852	ng	# 16
57) 2,4-Dinitrotoluene	14.707	165	8613	6.107	ng	# 21
67) 4-Bromophenyl-phenylether	16.199	248	9004	4.741	ng	# 1
77) Benzidine	20.059	184	14974	3.572	ng	# 90

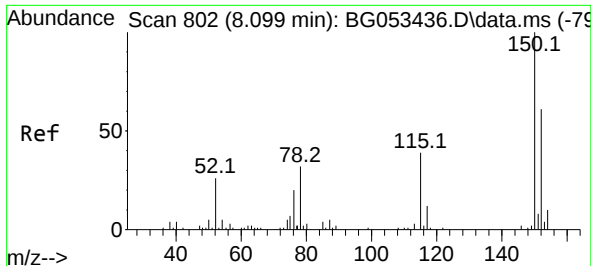
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051022\
Data File : BG053517.D
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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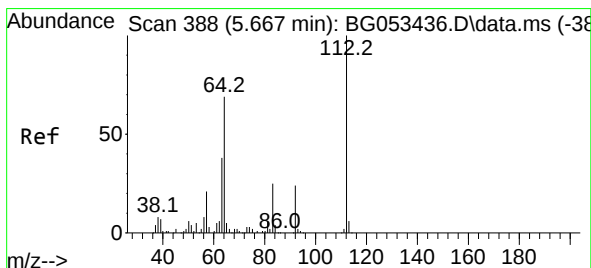
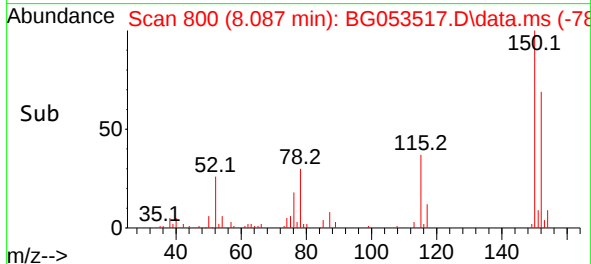
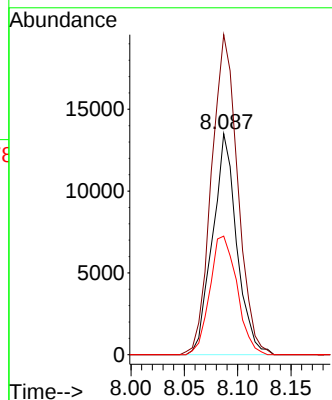
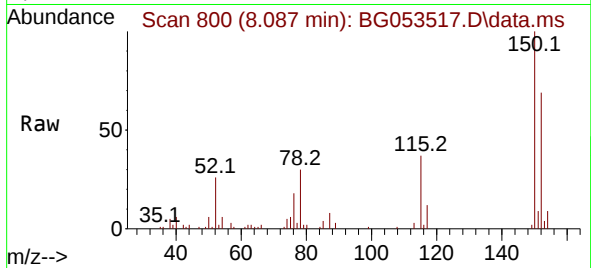




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.087 min Scan# 80
Delta R.T. -0.002 min
Lab File: BG053517.D
Acq: 10 May 2022 20:53

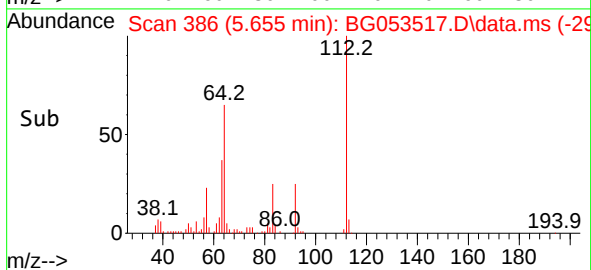
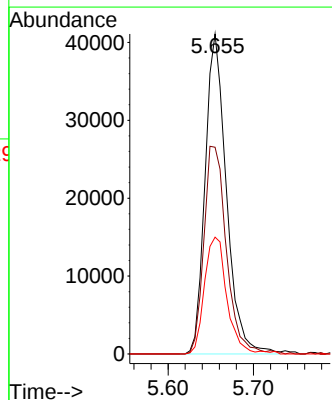
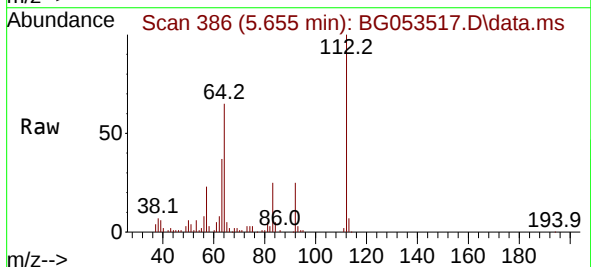
Instrument :
BNA_G
ClientSampleId :
MW-2-20220509

Tgt Ion:152 Resp: 21315
Ion Ratio Lower Upper
152 100
150 144.8 131.6 197.4
115 53.6 50.9 76.3



#5
2-Fluorophenol
Concen: 56.706 ng
RT: 5.655 min Scan# 386
Delta R.T. 0.003 min
Lab File: BG053517.D
Acq: 10 May 2022 20:53

Tgt Ion:112 Resp: 71219
Ion Ratio Lower Upper
112 100
64 64.6 55.1 82.7
63 36.5 30.4 45.6

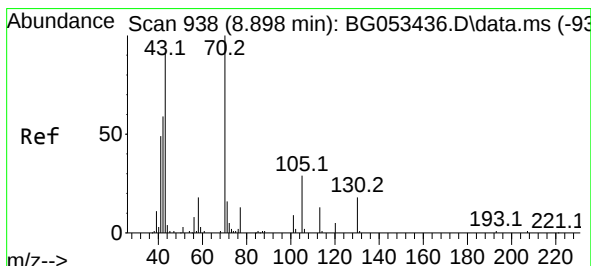
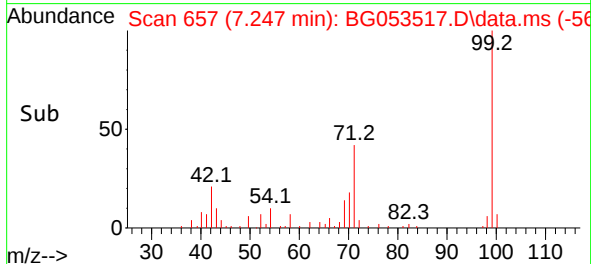
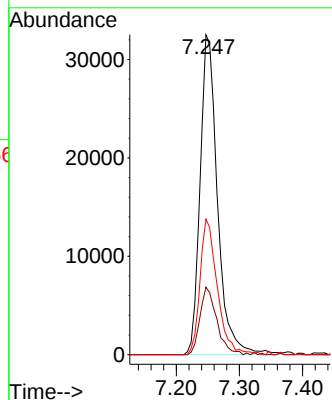
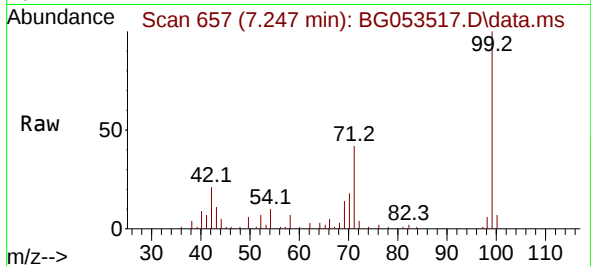




#7
Phenol-d6
Concen: 32.683 ng
RT: 7.247 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG053517.D
Acq: 10 May 2022 20:53

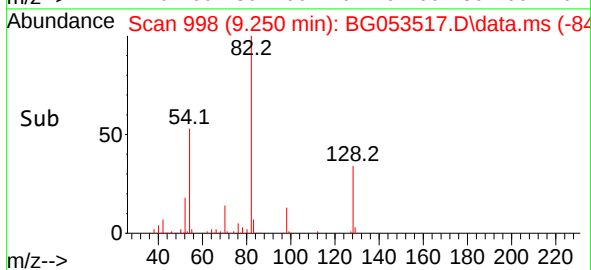
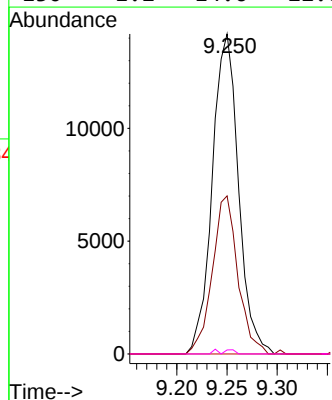
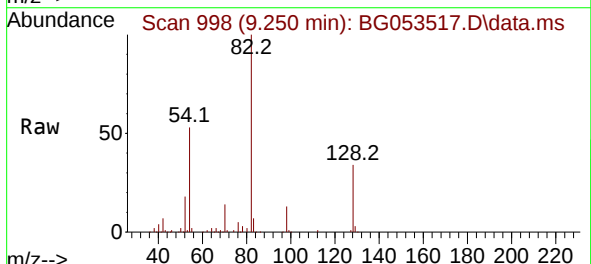
Instrument :
BNA_G
ClientSampleId :
MW-2-20220509

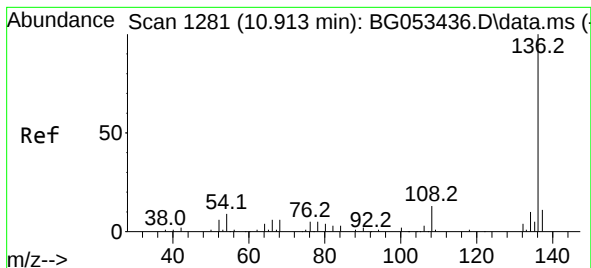
Tgt Ion: 99 Resp: 62296
Ion Ratio Lower Upper
99 100
42 21.1 17.0 25.6
71 42.4 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.824 ng
RT: 9.250 min Scan# 998
Delta R.T. 0.362 min
Lab File: BG053517.D
Acq: 10 May 2022 20:53

Tgt Ion: 70 Resp: 25744
Ion Ratio Lower Upper
70 100
42 49.4 47.3 70.9
101 0.0 7.0 10.4#
130 1.2 14.6 22.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.895 min Scan# 11

Delta R.T. -0.002 min

Lab File: BG053517.D

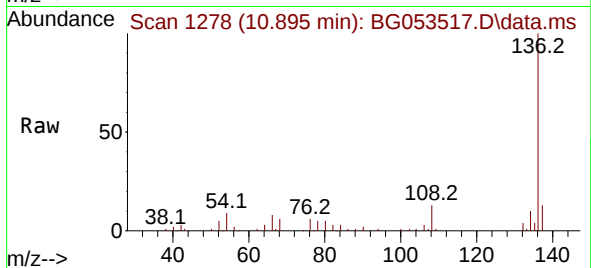
Acq: 10 May 2022 20:53

Instrument :

BNA_G

ClientSampleId :

MW-2-20220509



Tgt Ion:136 Resp: 84660

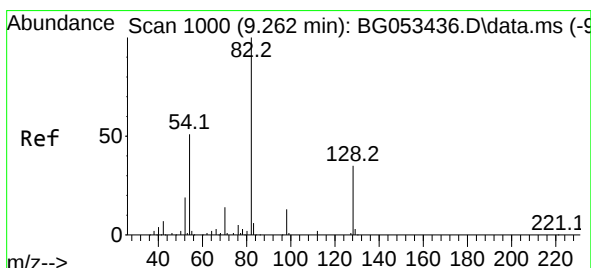
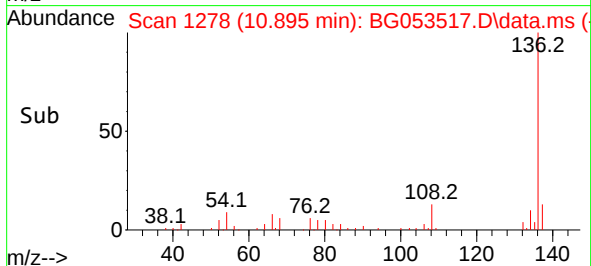
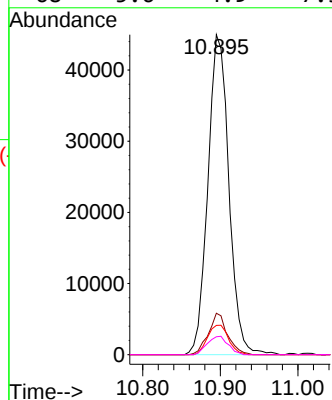
Ion Ratio Lower Upper

136 100

137 13.0 8.5 12.7#

54 9.1 7.4 11.2

68 5.6 4.9 7.3



#23

Nitrobenzene-d5

Concen: 92.633 ng

RT: 9.250 min Scan# 998

Delta R.T. -0.002 min

Lab File: BG053517.D

Acq: 10 May 2022 20:53

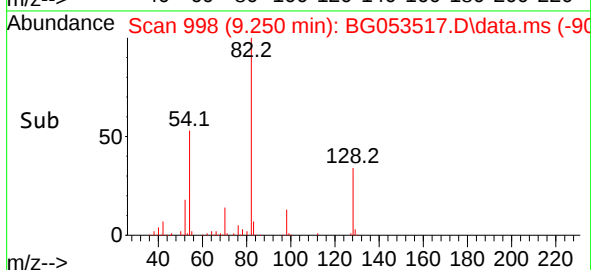
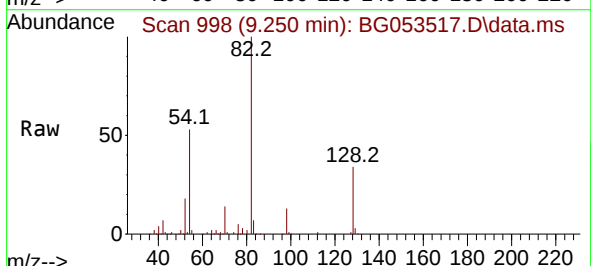
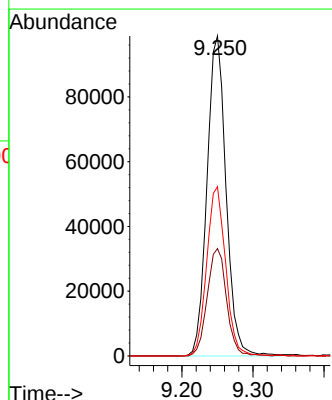
Tgt Ion: 82 Resp: 184228

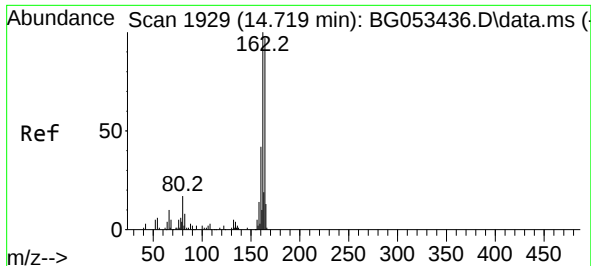
Ion Ratio Lower Upper

82 100

128 33.5 27.9 41.9

54 52.9 41.2 61.8

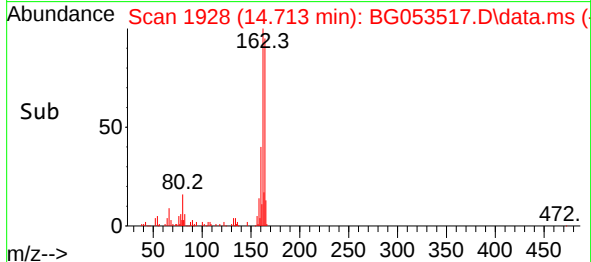
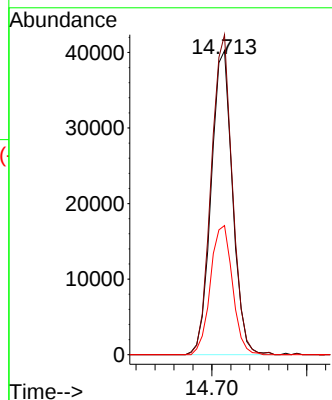
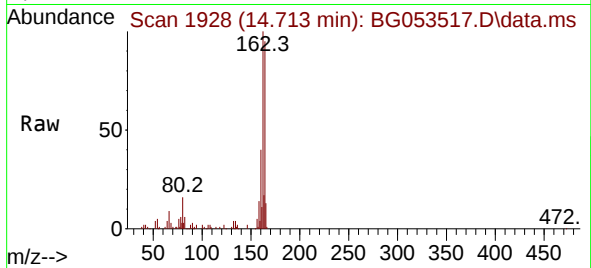




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.713 min Scan# 1928
Delta R.T. -0.002 min
Lab File: BG053517.D
Acq: 10 May 2022 20:53

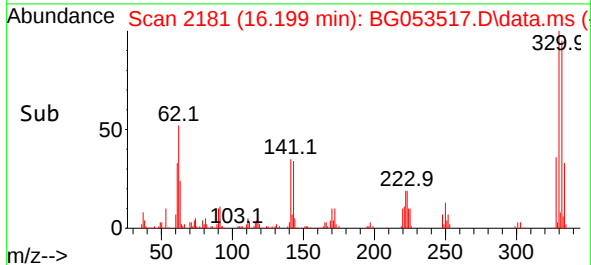
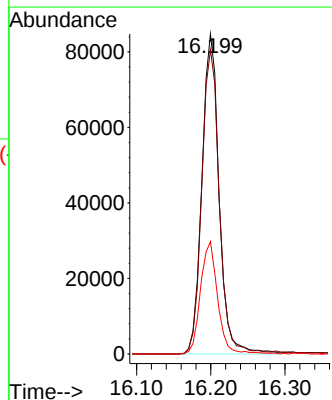
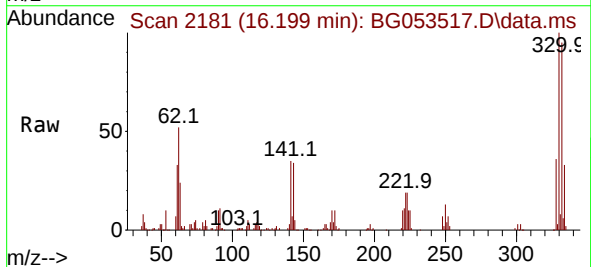
Instrument :
BNA_G
ClientSampleId :
MW-2-20220509

Tgt Ion:164 Resp: 62845
Ion Ratio Lower Upper
164 100
162 105.3 82.3 123.5
160 42.5 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 147.551 ng
RT: 16.199 min Scan# 2181
Delta R.T. -0.003 min
Lab File: BG053517.D
Acq: 10 May 2022 20:53

Tgt Ion:330 Resp: 136764
Ion Ratio Lower Upper
330 100
332 96.5 76.0 114.0
141 34.9 27.1 40.7

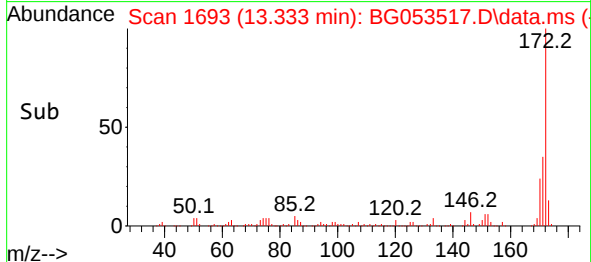
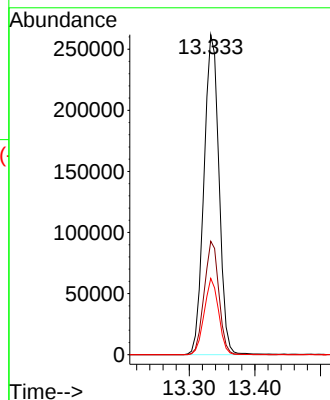
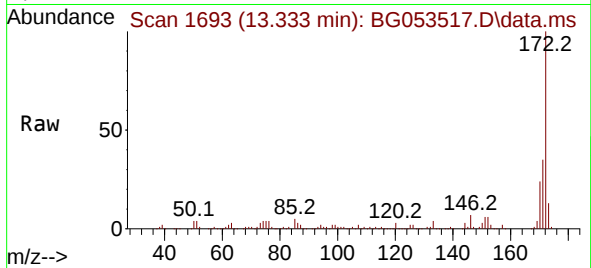




#45
2-Fluorobiphenyl
Concen: 97.305 ng
RT: 13.333 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG053517.D
Acq: 10 May 2022 20:53

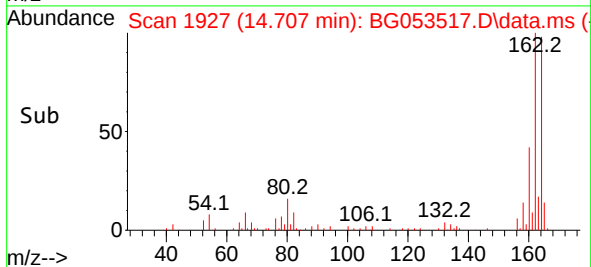
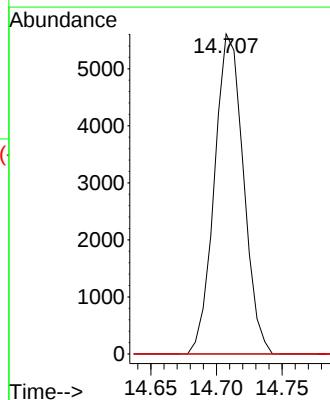
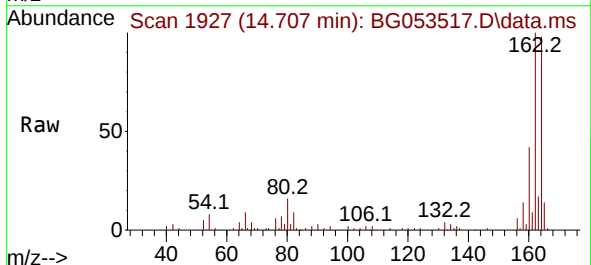
Instrument :
BNA_G
ClientSampleId :
MW-2-20220509

Tgt Ion:172 Resp: 418478
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 23.8 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.852 ng
RT: 14.707 min Scan# 1927
Delta R.T. 0.426 min
Lab File: BG053517.D
Acq: 10 May 2022 20:53

Tgt Ion:165 Resp: 8613
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#





#57

2,4-Dinitrotoluene

Concen: 6.107 ng

RT: 14.707 min Scan# 1991

Delta R.T. -0.367 min

Lab File: BG053517.D

Acq: 10 May 2022 20:53

Instrument :

BNA_G

ClientSampleId :

MW-2-20220509

Tgt Ion:165 Resp: 8613

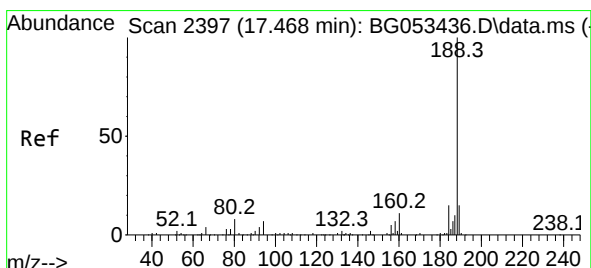
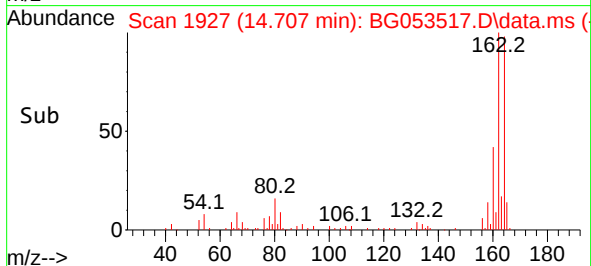
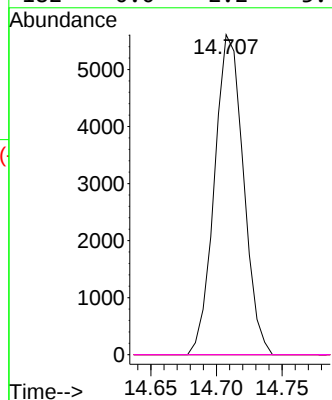
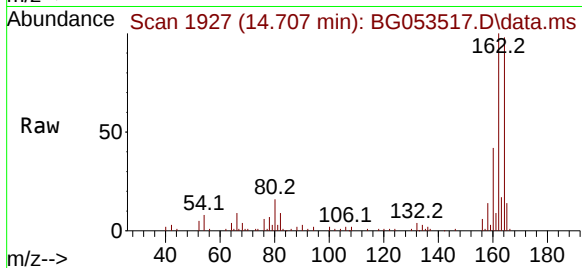
Ion Ratio Lower Upper

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: 17.457 min Scan# 2395

Delta R.T. -0.002 min

Lab File: BG053517.D

Acq: 10 May 2022 20:53

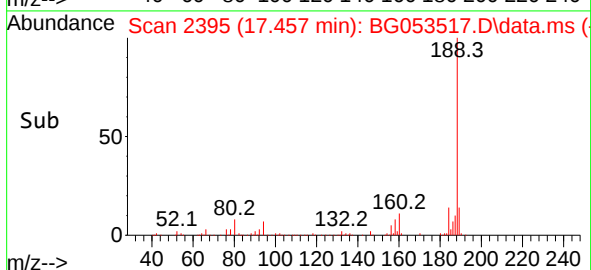
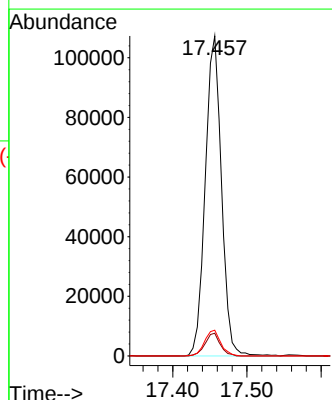
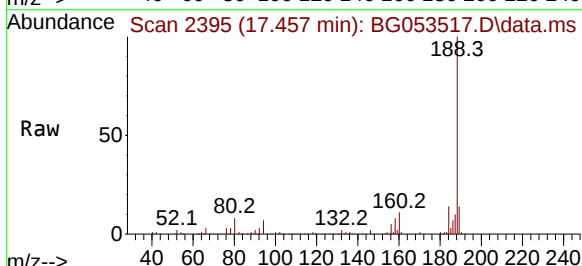
Tgt Ion:188 Resp: 162629

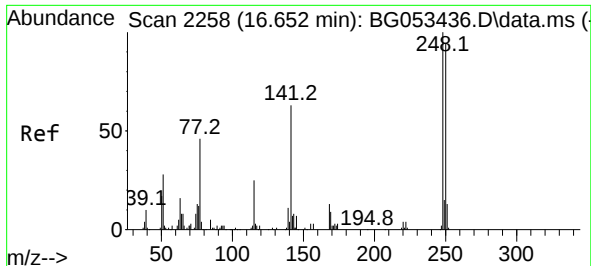
Ion Ratio Lower Upper

188 100

94 7.1 5.4 8.0

80 8.1 6.8 10.2

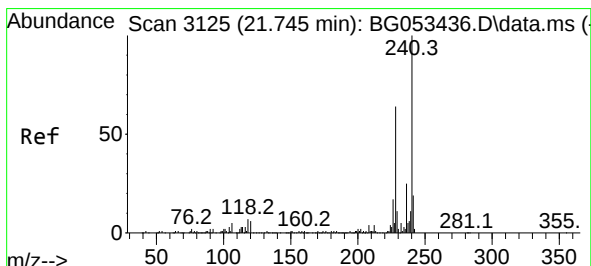
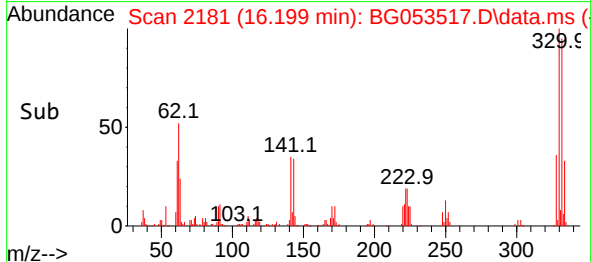
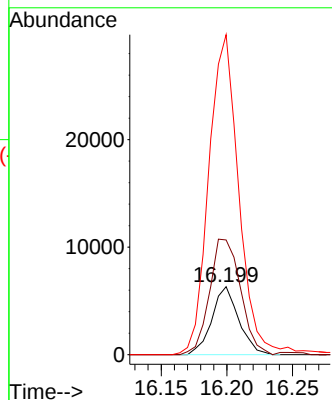
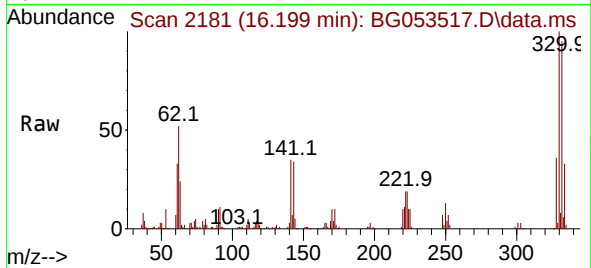




#67
4-Bromophenyl-phenylether
Concen: 4.741 ng
RT: 16.199 min Scan# 2181
Delta R.T. -0.443 min
Lab File: BG053517.D
Acq: 10 May 2022 20:53

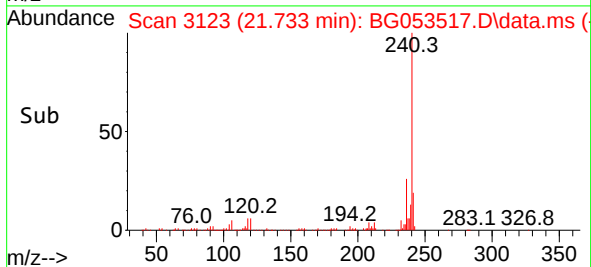
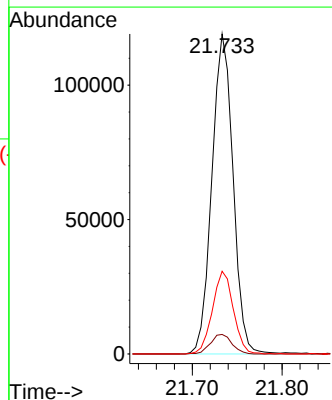
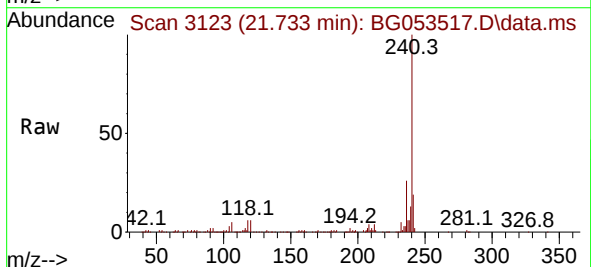
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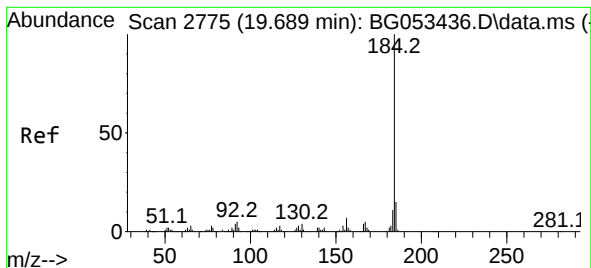
Tgt Ion:248 Resp: 9004
Ion Ratio Lower Upper
248 100
250 168.7 75.2 112.8#
141 470.2 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.733 min Scan# 3123
Delta R.T. -0.008 min
Lab File: BG053517.D
Acq: 10 May 2022 20:53

Tgt Ion:240 Resp: 194514
Ion Ratio Lower Upper
240 100
120 6.1 4.6 7.0
236 25.8 20.2 30.4





#77

Benzidine

Concen: 3.572 ng

RT: 20.059 min Scan# 2838

Delta R.T. 0.379 min

Lab File: BG053517.D

Acq: 10 May 2022 20:53

Instrument :

BNA_G

ClientSampleId :

MW-2-20220509

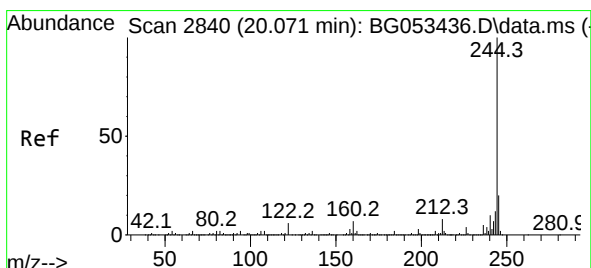
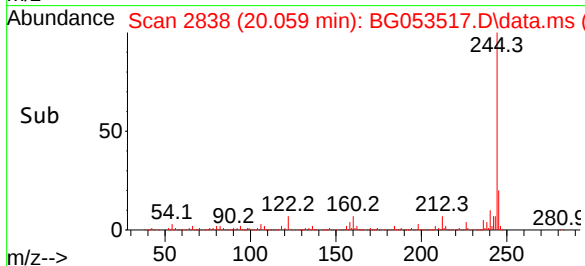
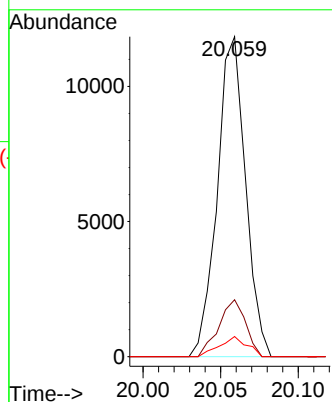
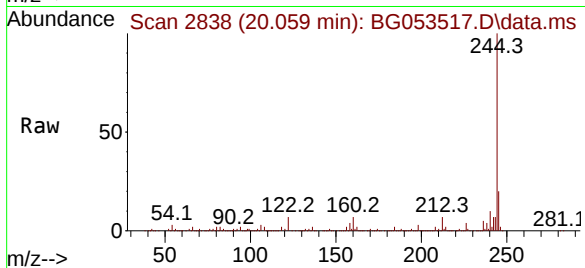
Tgt Ion:184 Resp: 14974

Ion Ratio Lower Upper

184 100

185 17.8 11.8 17.6#

183 6.3 8.9 13.3#



#79

Terphenyl-d14

Concen: 82.553 ng

RT: 20.059 min Scan# 2838

Delta R.T. -0.003 min

Lab File: BG053517.D

Acq: 10 May 2022 20:53

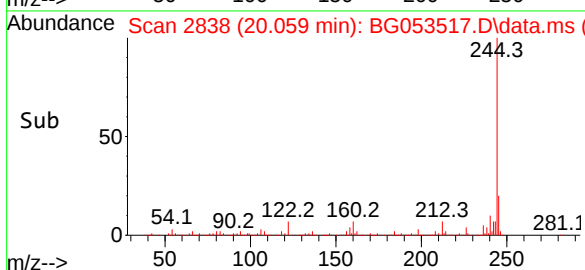
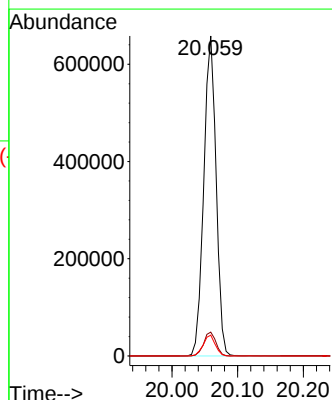
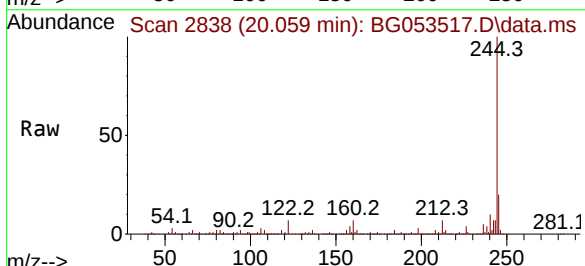
Tgt Ion:244 Resp: 862174

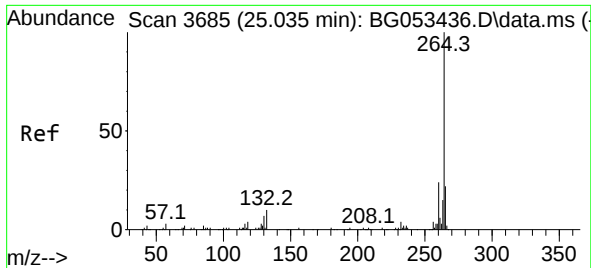
Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

122 6.5 5.0 7.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.011 min Scan# 30
 Delta R.T. -0.008 min
 Lab File: BG053517.D
 Acq: 10 May 2022 20:53

Instrument :
 BNA_G
 ClientSampleId :
 MW-2-20220509

Tgt Ion:264 Resp: 197932
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.6
 265 21.0 17.4 26.2

