

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052422\
 Data File : BG053688.D
 Acq On : 24 May 2022 18:45
 Operator : CG/JU
 Sample : N3002-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-10

Quant Time: May 25 02:37:32 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)

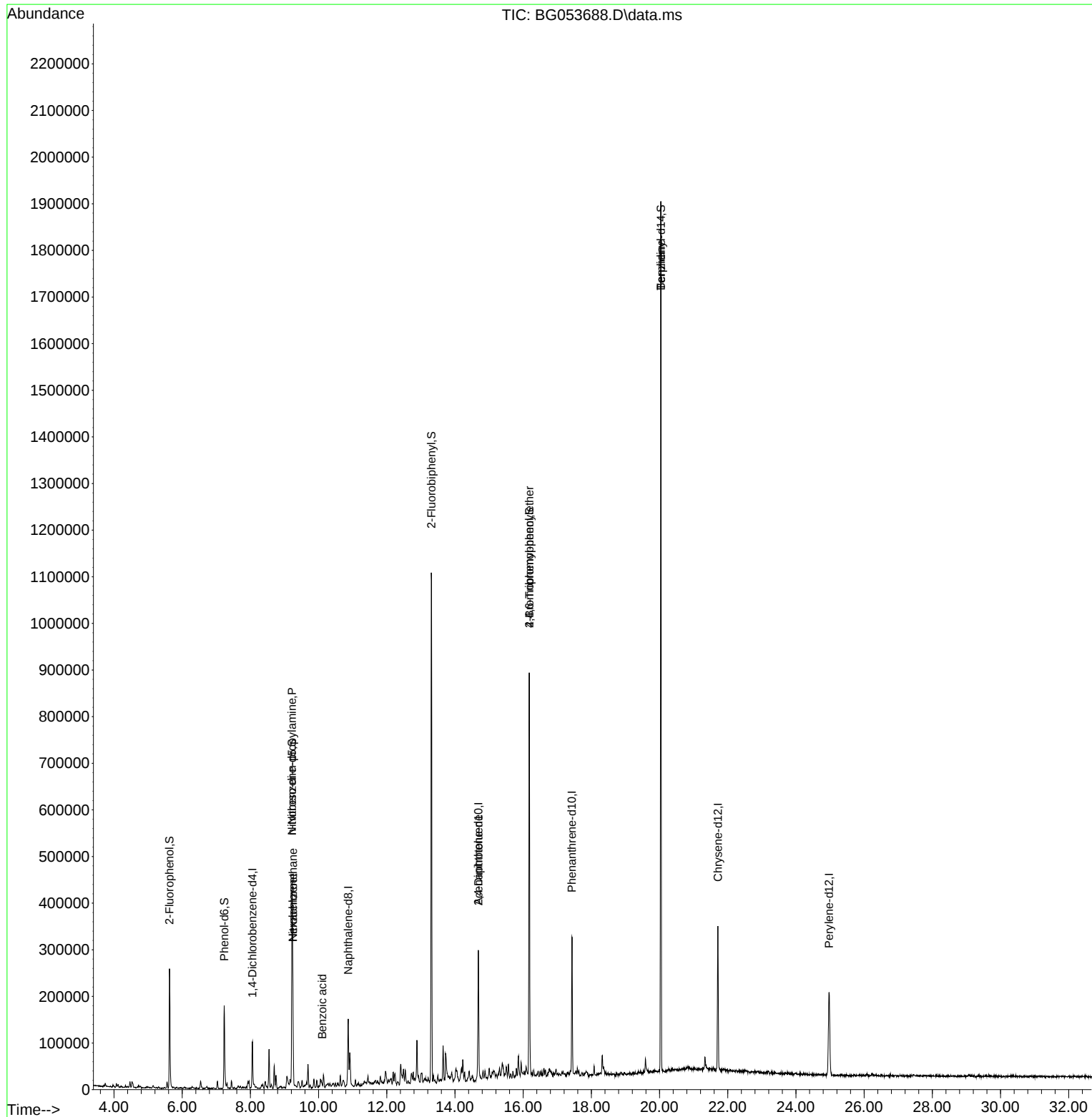
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.060	152	28211	20.000	ng	0.00
21) Naphthalene-d8	10.868	136	115876	20.000	ng	0.00
39) Acenaphthene-d10	14.687	164	87645	20.000	ng	0.00
64) Phenanthrene-d10	17.430	188	193336	20.000	ng	0.00
76) Chrysene-d12	21.712	240	198177	20.000	ng	0.00
86) Perylene-d12	24.973	264	197321	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.628	112	109290	65.747	ng	0.00
7) Phenol-d6	7.232	99	108649	43.068	ng	0.00
23) Nitrobenzene-d5	9.223	82	268463	98.623	ng	0.00
42) 2,4,6-Tribromophenol	16.179	330	170455	131.864	ng	0.00
45) 2-Fluorobiphenyl	13.306	172	581465	96.946	ng	0.00
79) Terphenyl-d14	20.038	244	922981	86.742	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	9.247	117	83231	105.947	ng	# 1
19) n-Nitroso-di-n-propyla...	9.223	70	39126	21.616	ng	# 79
24) Nitrobenzene	9.247	77	6509	2.471	ng	# 5
32) Benzoic acid	10.105	122	96	8.564	ng	# 44
57) 2,4-Dinitrotoluene	14.687	165	11560	5.877	ng	# 33
67) 4-Bromophenyl-phenylether	16.179	248	11372	5.036	ng	# 1
77) Benzidine	20.038	184	15741	3.685	ng	# 95

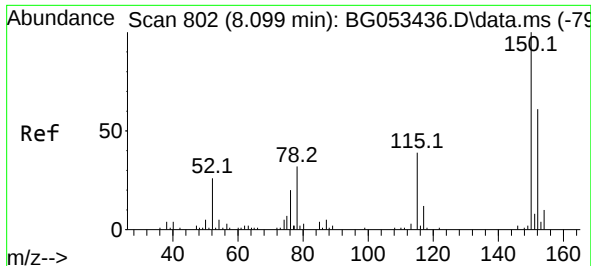
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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
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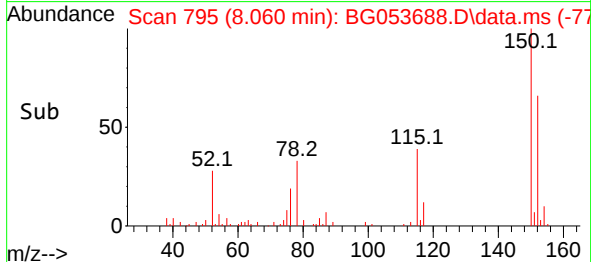
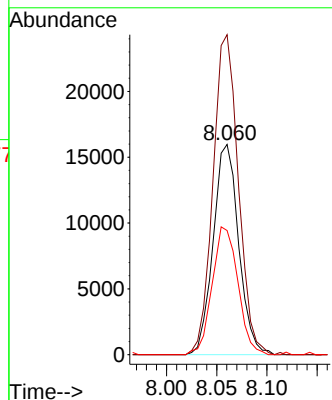
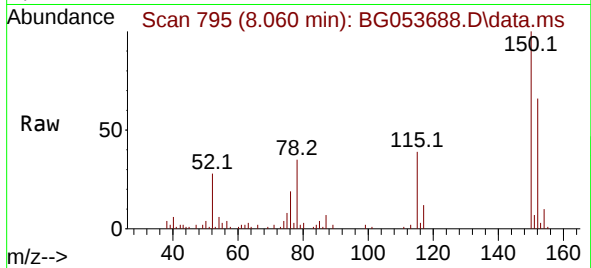




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.060 min Scan# 795
Delta R.T. 0.002 min
Lab File: BG053688.D
Acq: 24 May 2022 18:45

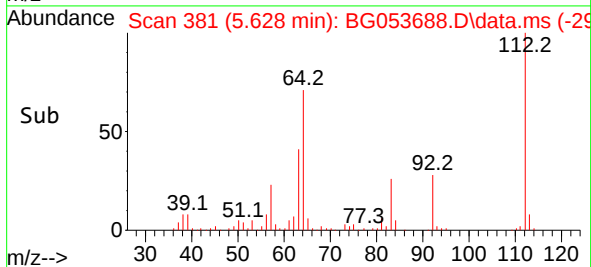
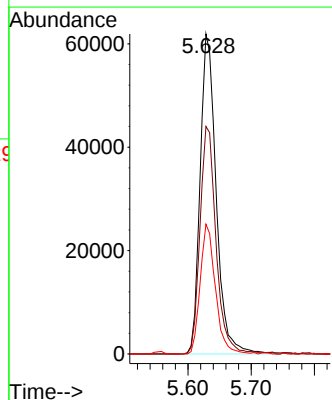
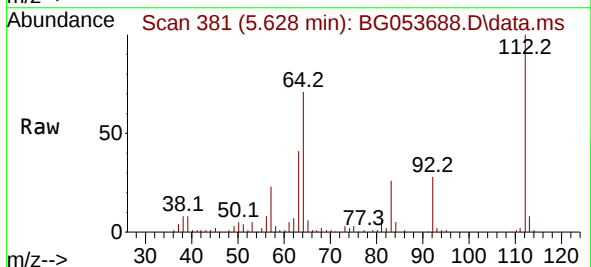
Instrument :
BNA_G
ClientSampleId :
MW-10

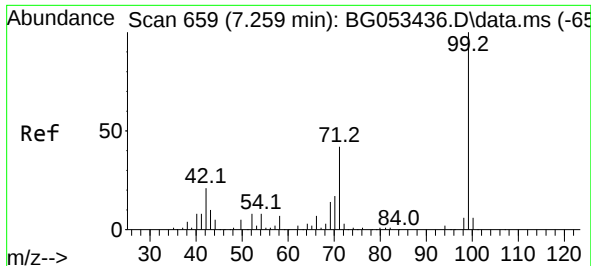
Tgt Ion:152 Resp: 28211
Ion Ratio Lower Upper
152 100
150 152.2 131.6 197.4
115 59.1 50.9 76.3



#5
2-Fluorophenol
Concen: 65.747 ng
RT: 5.628 min Scan# 381
Delta R.T. 0.003 min
Lab File: BG053688.D
Acq: 24 May 2022 18:45

Tgt Ion:112 Resp: 109290
Ion Ratio Lower Upper
112 100
64 71.1 55.1 82.7
63 40.6 30.4 45.6

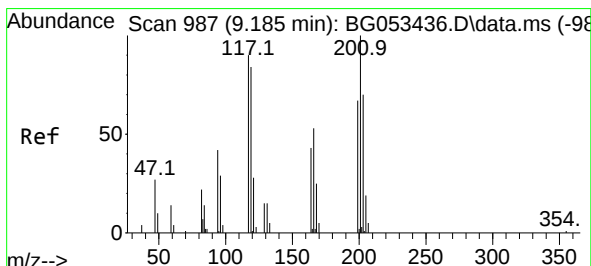
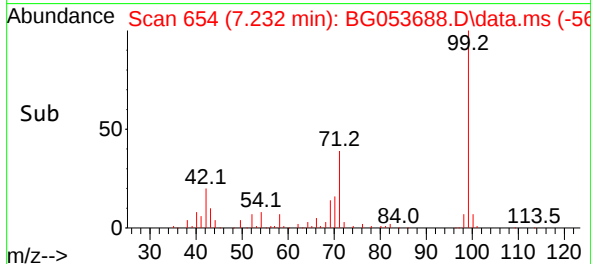
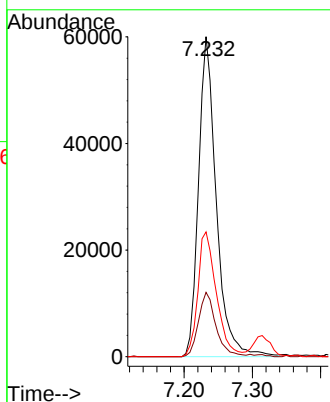
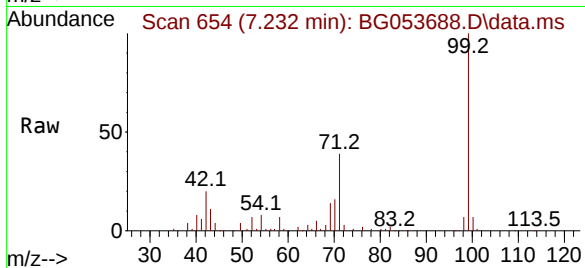




#7
Phenol-d6
Concen: 43.068 ng
RT: 7.232 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG053688.D
Acq: 24 May 2022 18:45

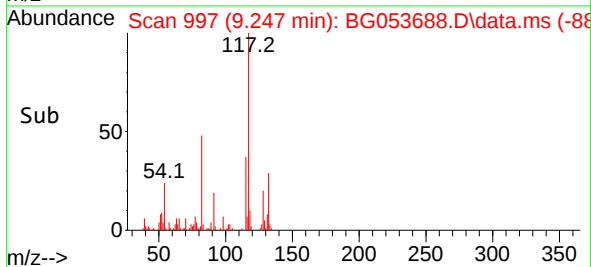
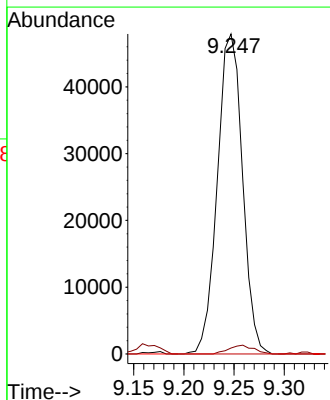
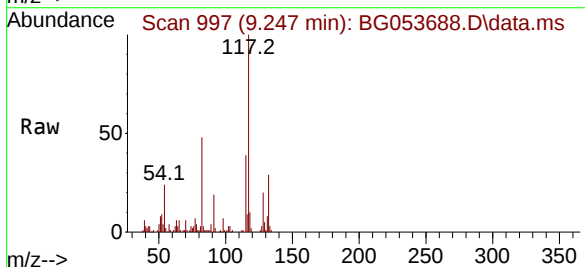
Instrument :
BNA_G
ClientSampleId :
MW-10

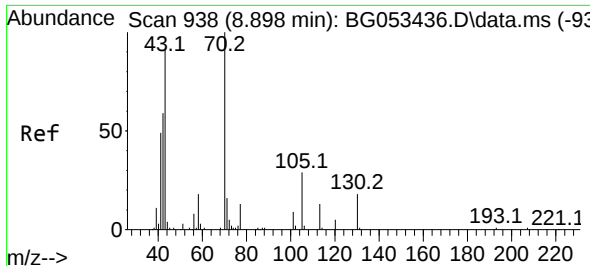
Tgt Ion: 99 Resp: 108649
Ion Ratio Lower Upper
99 100
42 20.1 17.0 25.6
71 39.0 33.8 50.8



#18
Hexachloroethane
Concen: 105.947 ng
RT: 9.247 min Scan# 997
Delta R.T. 0.102 min
Lab File: BG053688.D
Acq: 24 May 2022 18:45

Tgt Ion: 117 Resp: 83231
Ion Ratio Lower Upper
117 100
119 1.9 75.0 112.6#
201 0.0 89.0 133.6#

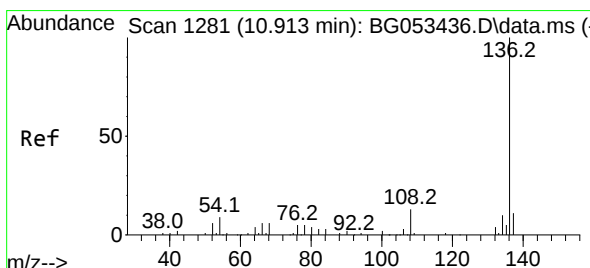
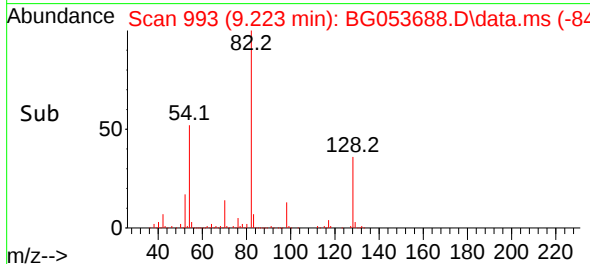
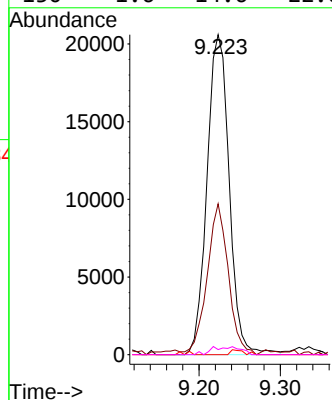
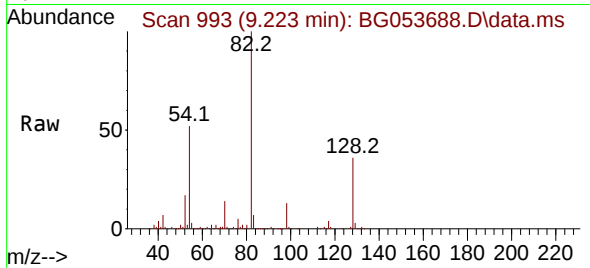




#19
n-Nitroso-di-n-propylamine
Concen: 21.616 ng
RT: 9.223 min Scan# 91
Delta R.T. 0.361 min
Lab File: BG053688.D
Acq: 24 May 2022 18:45

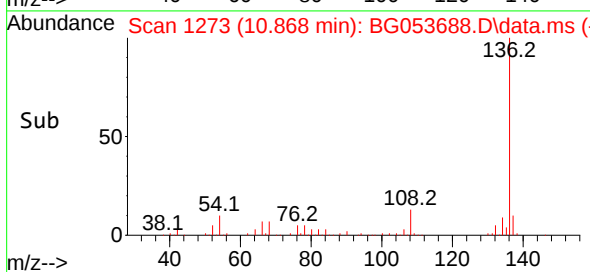
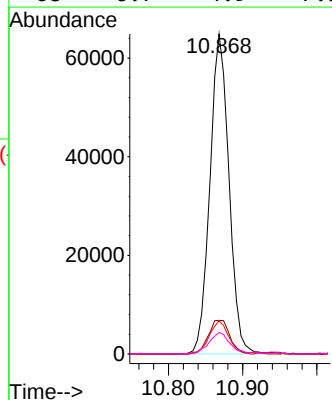
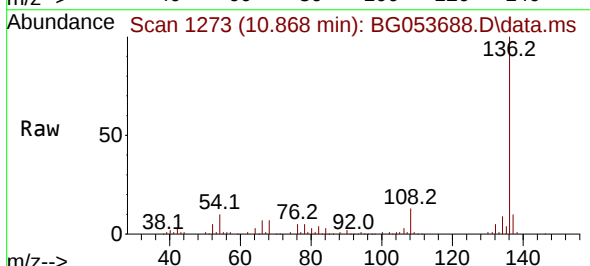
Instrument :
BNA_G
ClientSampleId :
MW-10

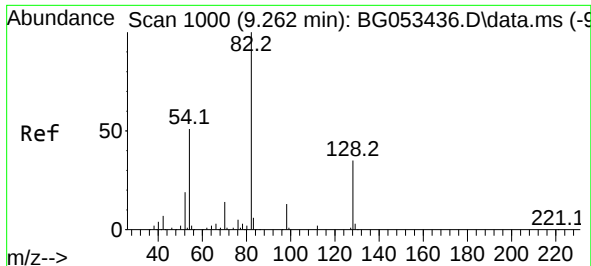
Tgt Ion: 70 Resp: 39126
Ion Ratio Lower Upper
70 100
42 47.2 47.3 70.9#
101 0.0 7.0 10.4#
130 1.6 14.6 22.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.868 min Scan# 1273
Delta R.T. -0.003 min
Lab File: BG053688.D
Acq: 24 May 2022 18:45

Tgt Ion: 136 Resp: 115876
Ion Ratio Lower Upper
136 100
137 10.5 8.5 12.7
54 10.4 7.4 11.2
68 6.7 4.9 7.3

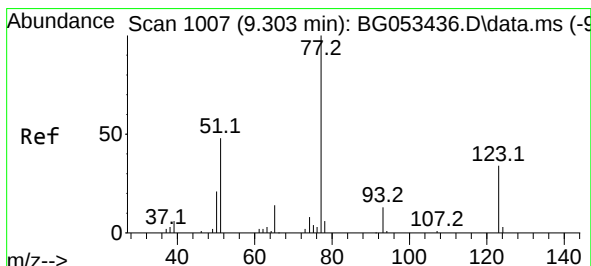
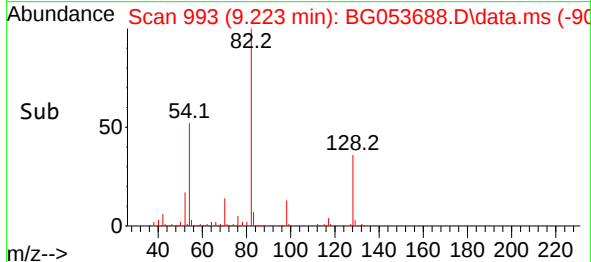
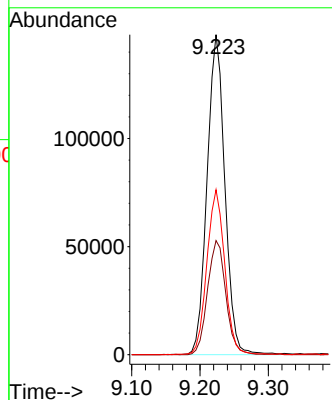
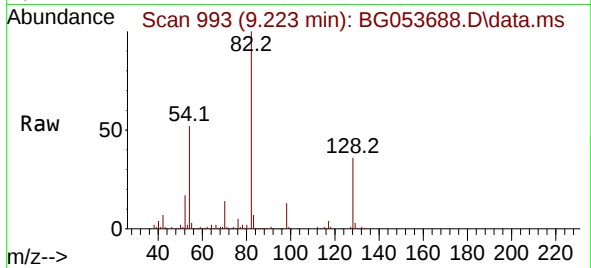




#23
Nitrobenzene-d5
Concen: 98.623 ng
RT: 9.223 min Scan# 993
Delta R.T. -0.003 min
Lab File: BG053688.D
Acq: 24 May 2022 18:45

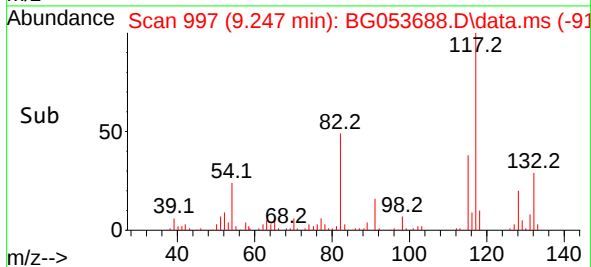
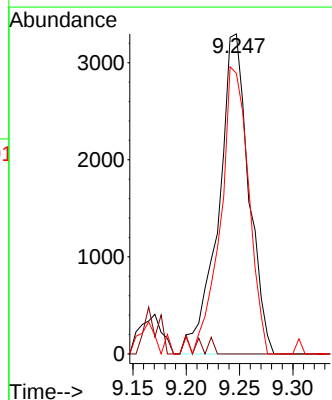
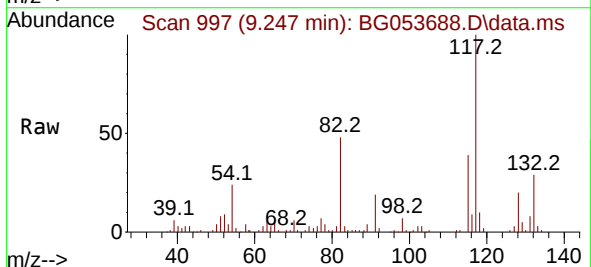
Instrument :
BNA_G
ClientSampleId :
MW-10

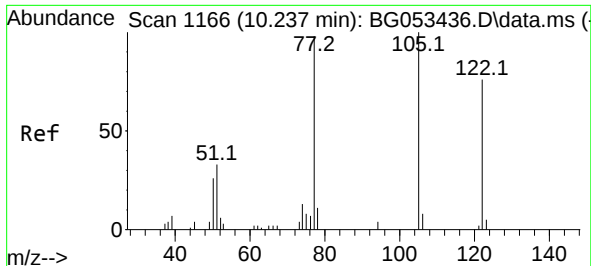
Tgt Ion: 82 Resp: 268463
Ion Ratio Lower Upper
82 100
128 35.7 27.9 41.9
54 51.6 41.2 61.8



#24
Nitrobenzene
Concen: 2.471 ng
RT: 9.247 min Scan# 997
Delta R.T. -0.021 min
Lab File: BG053688.D
Acq: 24 May 2022 18:45

Tgt Ion: 77 Resp: 6509
Ion Ratio Lower Upper
77 100
123 0.0 27.4 41.0#
65 87.7 11.4 17.0#





#32

Benzoic acid

Concen: 8.564 ng

RT: 10.105 min Scan# 1166

Delta R.T. -0.121 min

Lab File: BG053688.D

Acq: 24 May 2022 18:45

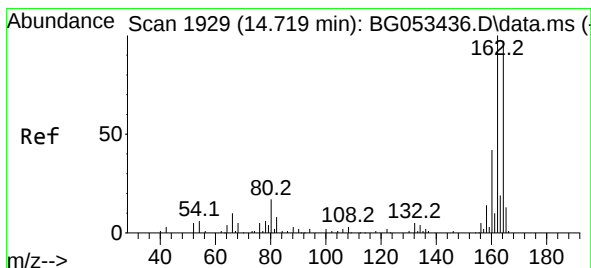
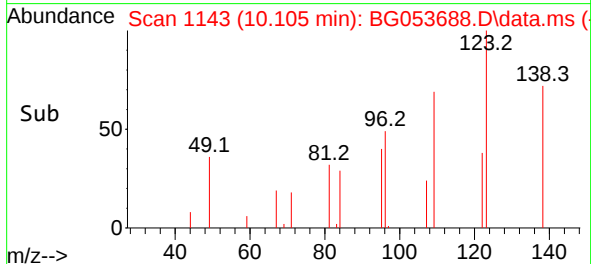
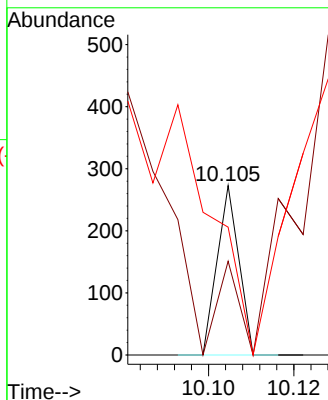
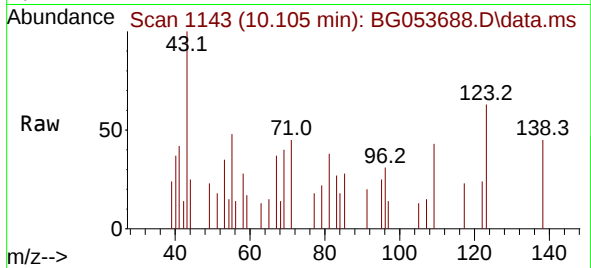
Instrument :

BNA_G

ClientSampleId :

MW-10

Tgt Ion:122	Resp:	96
Ion Ratio	Lower	Upper
122	100	
105	55.3	111.8 151.8#
77	75.5	109.4 149.4#



#39

Acenaphthene-d10

Concen: 20.000 ng

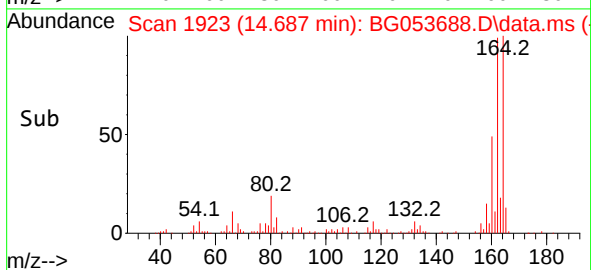
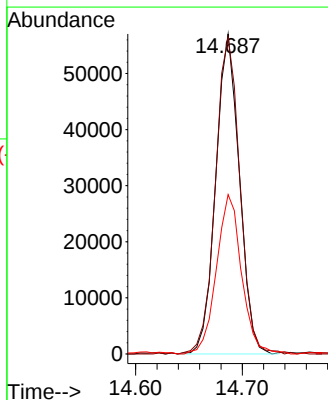
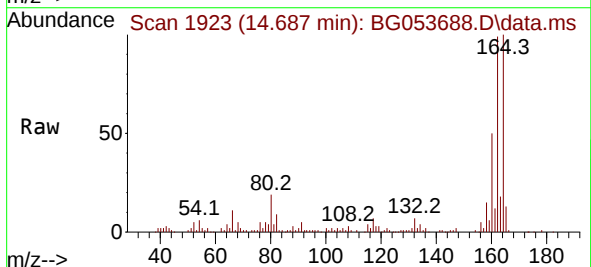
RT: 14.687 min Scan# 1923

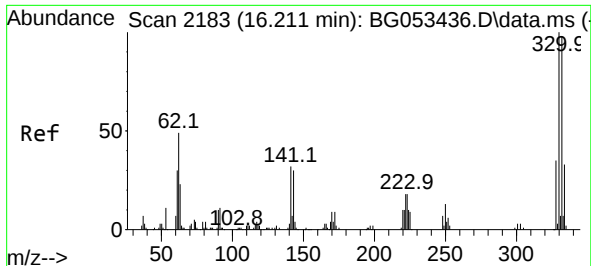
Delta R.T. -0.003 min

Lab File: BG053688.D

Acq: 24 May 2022 18:45

Tgt Ion:164	Resp:	87645
Ion Ratio	Lower	Upper
164	100	
162	98.9	82.3 123.5
160	49.8	34.2 51.2

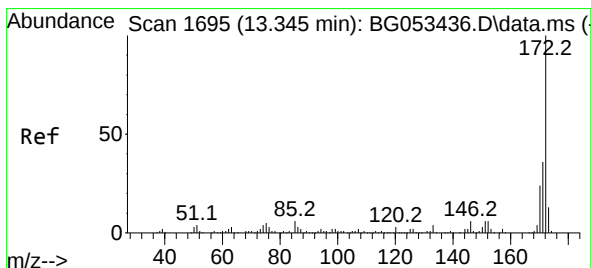
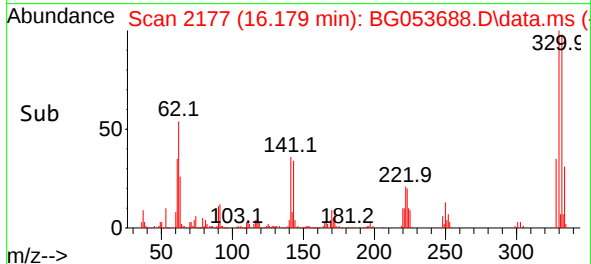
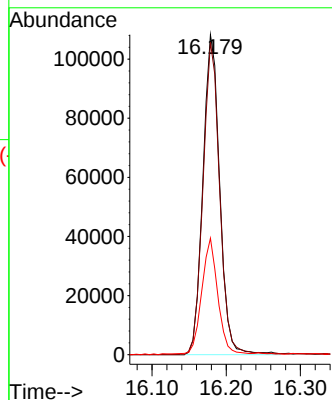
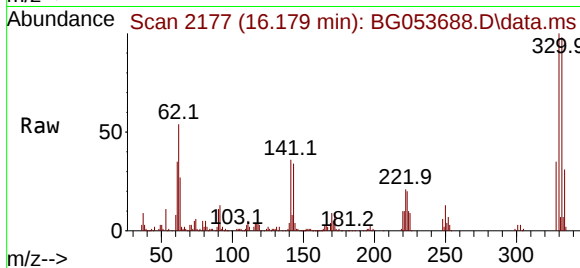




#42
2,4,6-Tribromophenol
Concen: 131.864 ng
RT: 16.179 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG053688.D
Acq: 24 May 2022 18:45

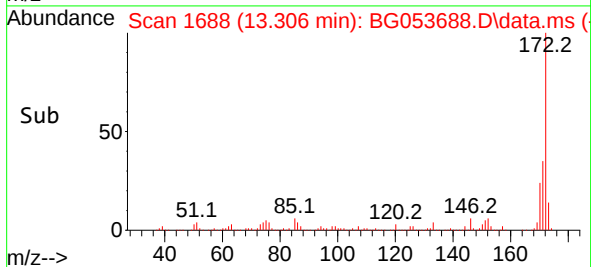
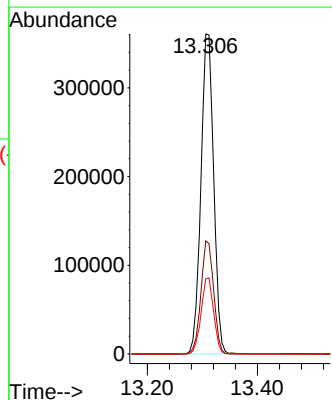
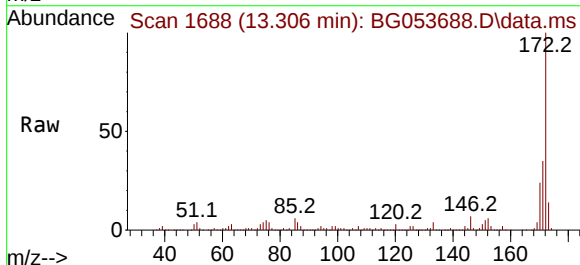
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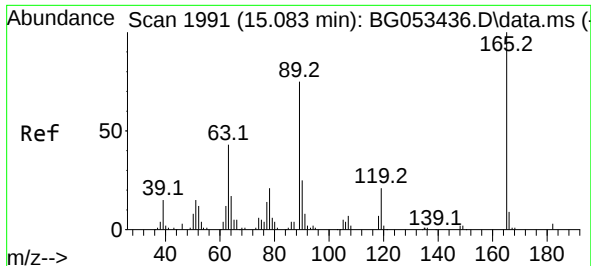
Tgt Ion:330 Resp: 170455
Ion Ratio Lower Upper
330 100
332 97.2 76.0 114.0
141 35.2 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 96.946 ng
RT: 13.306 min Scan# 1688
Delta R.T. -0.009 min
Lab File: BG053688.D
Acq: 24 May 2022 18:45

Tgt Ion:172 Resp: 581465
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 23.5 18.9 28.3

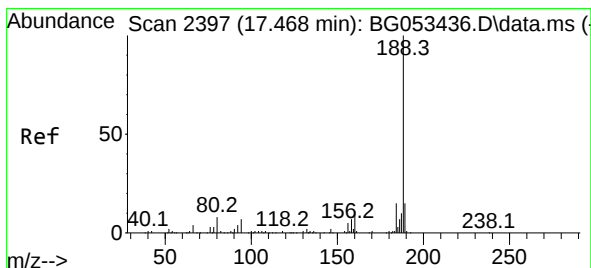
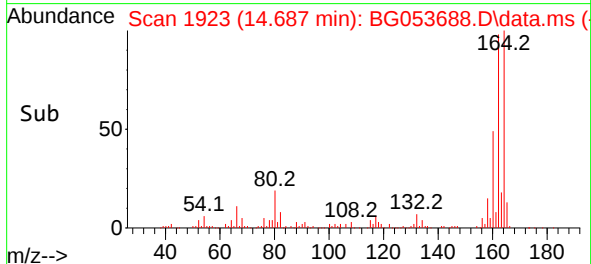
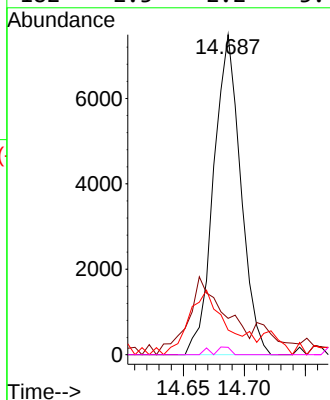
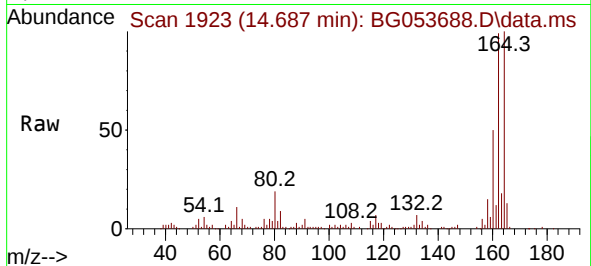




#57
2,4-Dinitrotoluene
Concen: 5.877 ng
RT: 14.687 min Scan# 1991
Delta R.T. -0.367 min
Lab File: BG053688.D
Acq: 24 May 2022 18:45

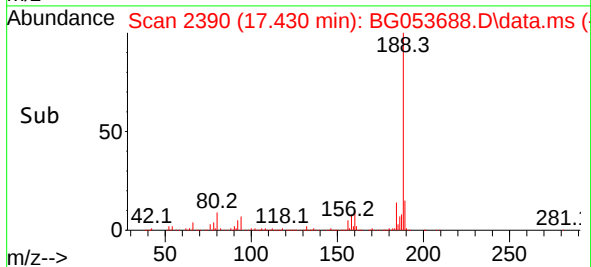
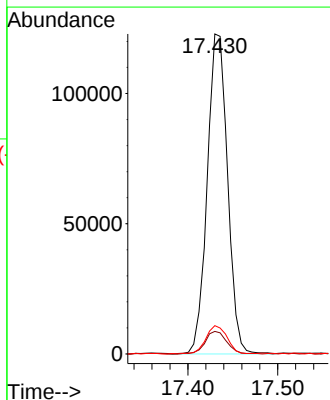
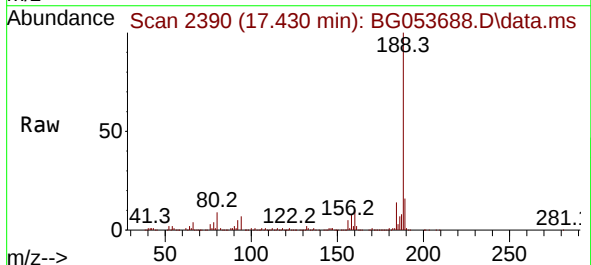
Instrument :
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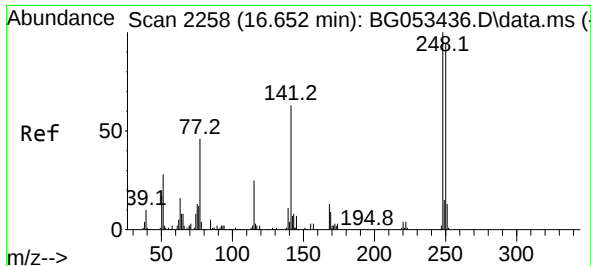
Tgt Ion:165	Resp:	11560
Ion	Ratio	Lower Upper
165	100	
63	11.3	34.6 52.0#
89	7.7	60.3 90.5#
182	2.3	2.2 3.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.430 min Scan# 2390
Delta R.T. -0.009 min
Lab File: BG053688.D
Acq: 24 May 2022 18:45

Tgt Ion:188	Resp:	193336
Ion	Ratio	Lower Upper
188	100	
94	7.1	5.4 8.0
80	8.8	6.8 10.2

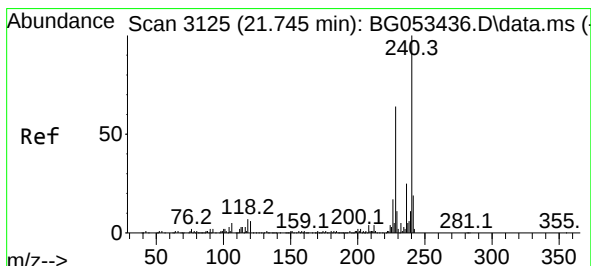
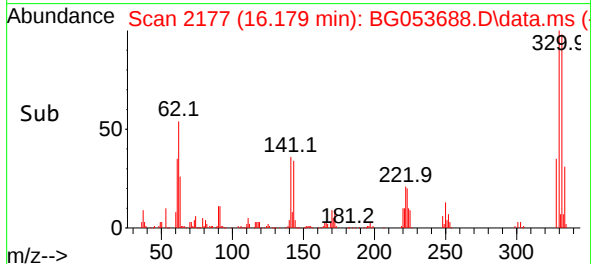
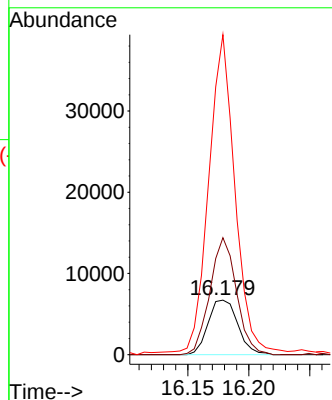
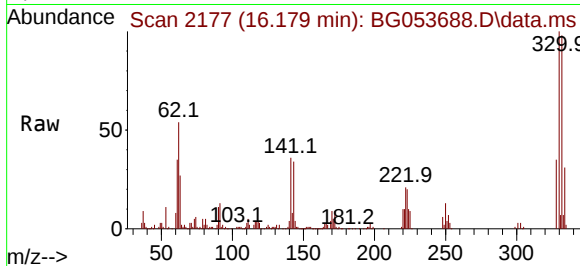




#67
4-Bromophenyl-phenylether
Concen: 5.036 ng
RT: 16.179 min Scan# 2117
Delta R.T. -0.438 min
Lab File: BG053688.D
Acq: 24 May 2022 18:45

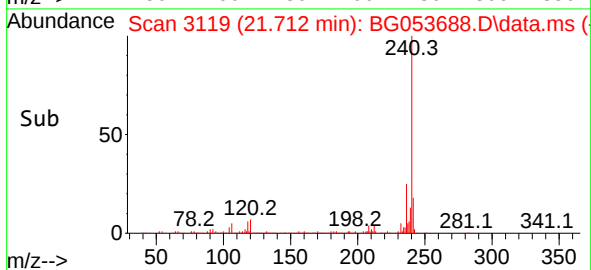
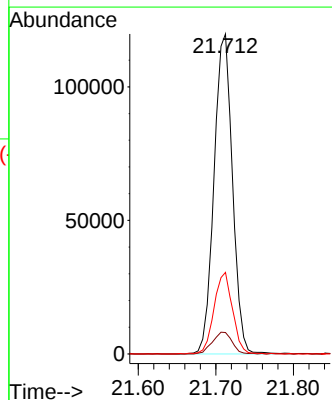
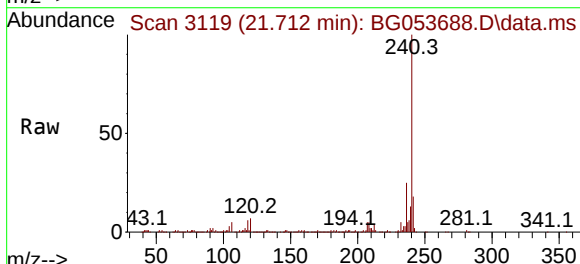
Instrument :
BNA_G
ClientSampleId :
MW-10

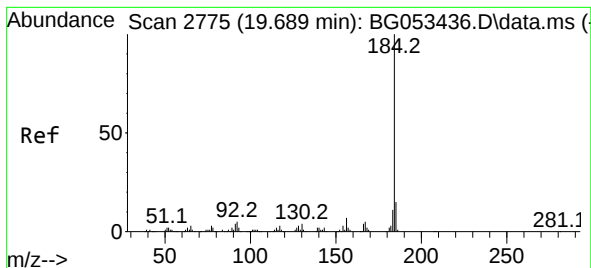
Tgt Ion:248 Resp: 11372
Ion Ratio Lower Upper
248 100
250 214.5 75.2 112.8#
141 586.8 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.712 min Scan# 3119
Delta R.T. -0.003 min
Lab File: BG053688.D
Acq: 24 May 2022 18:45

Tgt Ion:240 Resp: 198177
Ion Ratio Lower Upper
240 100
120 6.7 4.6 7.0
236 25.5 20.2 30.4





#77

Benzidine

Concen: 3.685 ng

RT: 20.038 min Scan# 2834

Delta R.T. 0.379 min

Lab File: BG053688.D

Acq: 24 May 2022 18:45

Instrument :

BNA_G

ClientSampleId :

MW-10

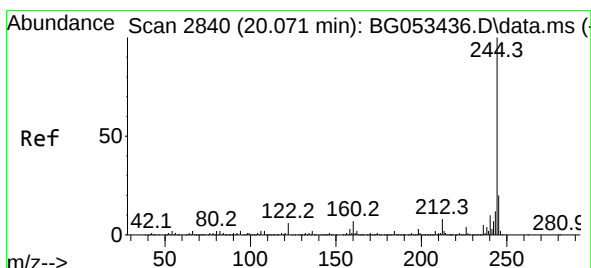
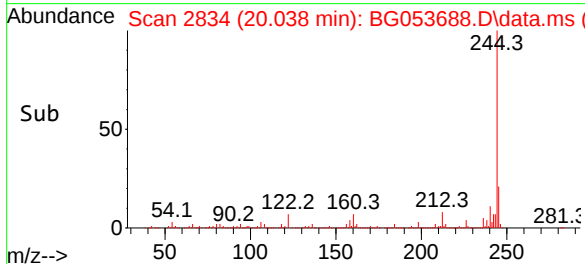
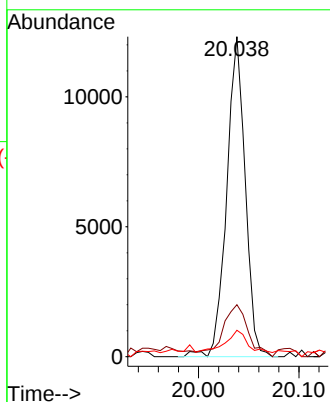
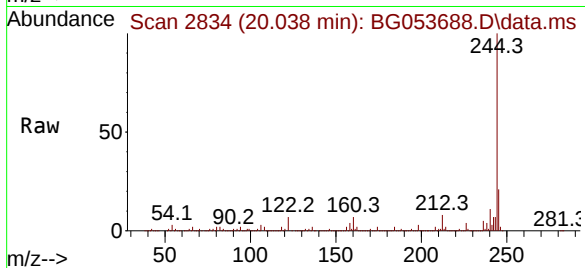
Tgt Ion:184 Resp: 15741

Ion Ratio Lower Upper

184 100

185 16.3 11.8 17.6

183 8.3 8.9 13.3#



#79

Terphenyl-d14

Concen: 86.742 ng

RT: 20.038 min Scan# 2834

Delta R.T. -0.003 min

Lab File: BG053688.D

Acq: 24 May 2022 18:45

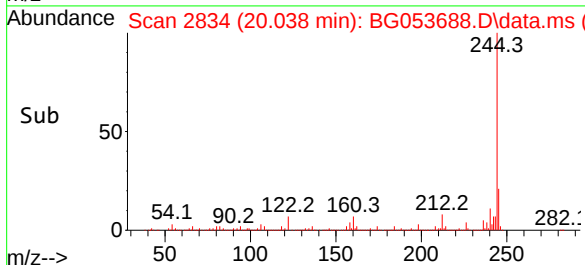
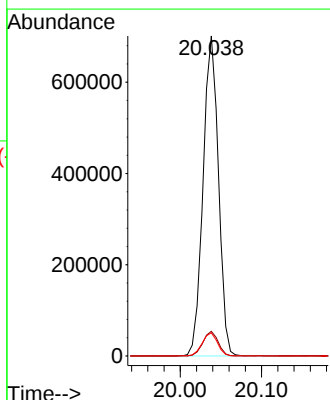
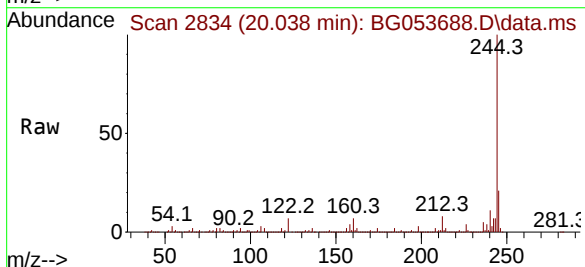
Tgt Ion:244 Resp: 922981

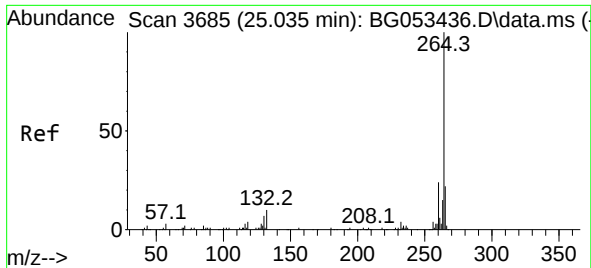
Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

122 7.3 5.0 7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.973 min Scan# 30
Delta R.T. -0.009 min
Lab File: BG053688.D
Acq: 24 May 2022 18:45

Instrument :
BNA_G
ClientSampleId :
MW-10

Tgt Ion:264 Resp: 197321

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.0	28.6
265	21.8	17.4	26.2

