

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060822\
 Data File : BG053850.D
 Acq On : 8 Jun 2022 13:10
 Operator : CG/JU
 Sample : PB145354TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB145354TB

Quant Time: Jun 09 02:29:30 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)

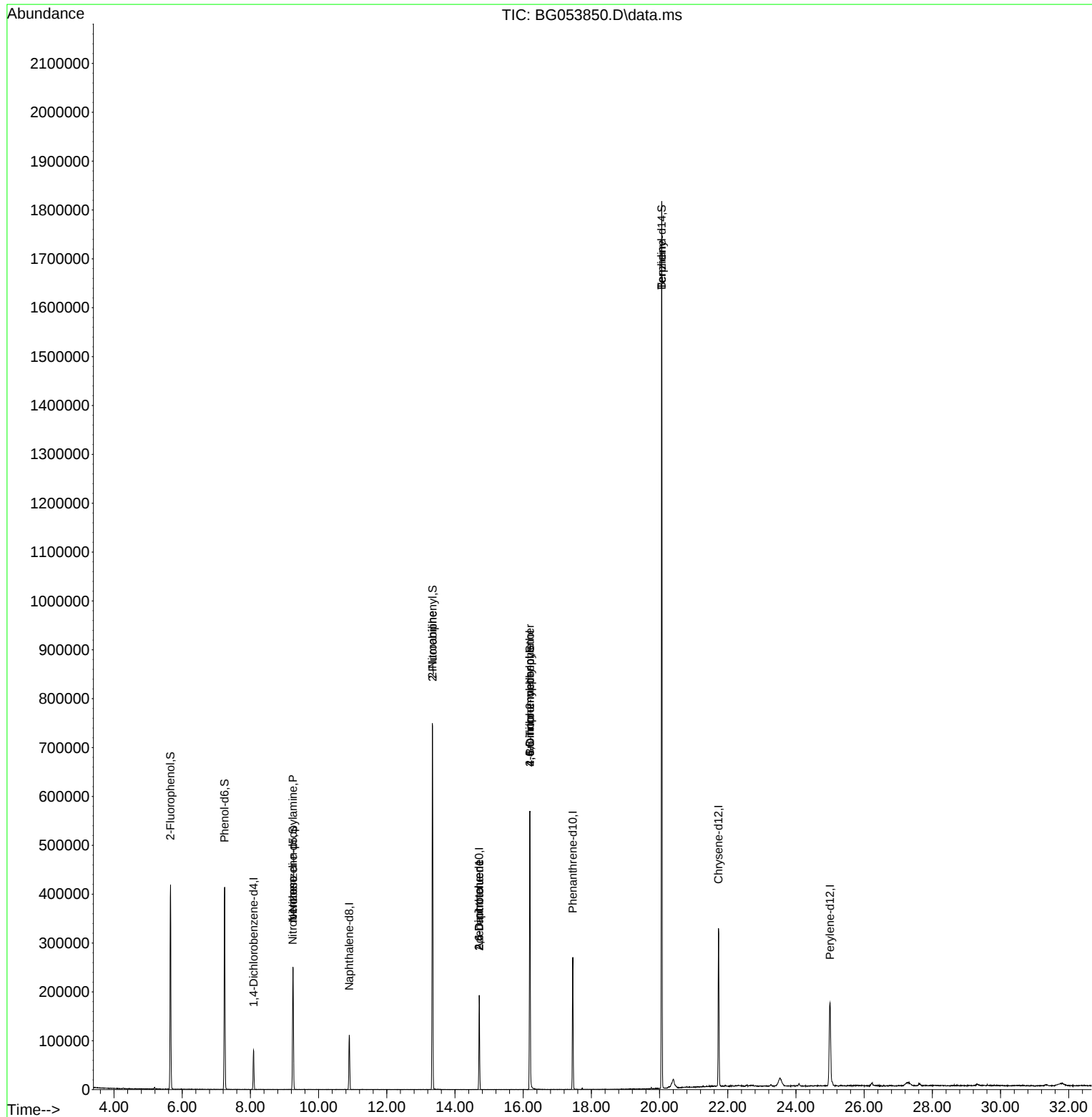
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.095	152	25434	20.000	ng	0.00
21) Naphthalene-d8	10.897	136	103512	20.000	ng	0.00
39) Acenaphthene-d10	14.711	164	74369	20.000	ng	0.00
64) Phenanthrene-d10	17.454	188	194188	20.000	ng	0.00
76) Chrysene-d12	21.726	240	228851	20.000	ng	0.00
86) Perylene-d12	24.993	264	220407	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.657	112	193644	139.812	ng	0.00
7) Phenol-d6	7.243	99	247404	131.867	ng	0.00
23) Nitrobenzene-d5	9.246	82	163842	103.942	ng	0.00
42) 2,4,6-Tribromophenol	16.197	330	145591	161.278	ng	0.00
45) 2-Fluorobiphenyl	13.342	172	445323	89.581	ng	0.00
79) Terphenyl-d14	20.063	244	1017724	88.471	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.246	70	21556	16.222	ng	# 77
24) Nitrobenzene	9.241	77	415	3.194	ng	# 48
48) 2-Nitroaniline	13.336	65	560	5.519	ng	# 1
51) 2,6-Dinitrotoluene	14.711	165	10343	13.734	ng	# 16
57) 2,4-Dinitrotoluene	14.711	165	10343	11.455	ng	# 21
65) 4,6-Dinitro-2-methylph...	16.197	198	186	5.824	ng	# 30
67) 4-Bromophenyl-phenylether	16.197	248	9328	4.421	ng	# 1
77) Benzidine	20.063	184	13682	2.445	ng	# 91

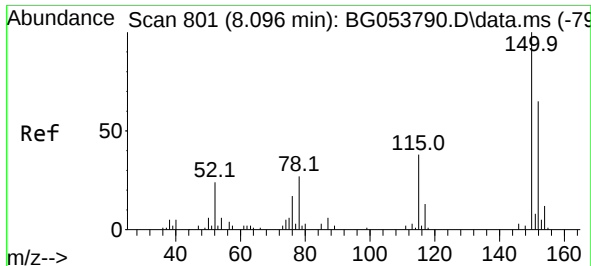
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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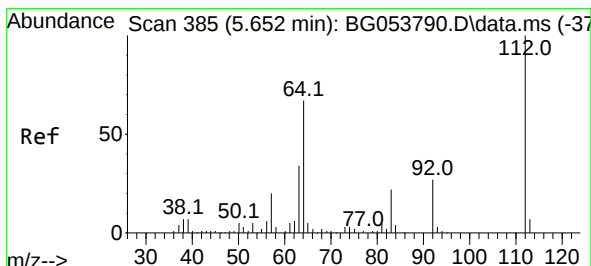
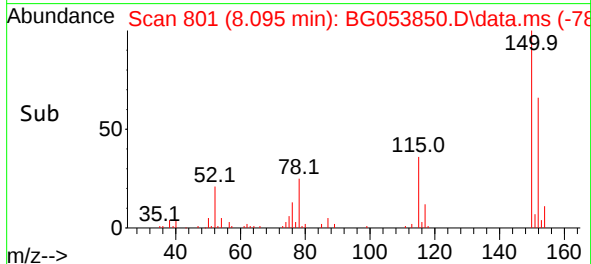
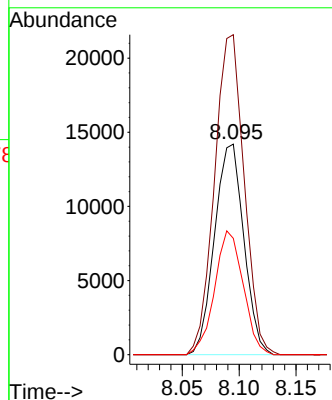
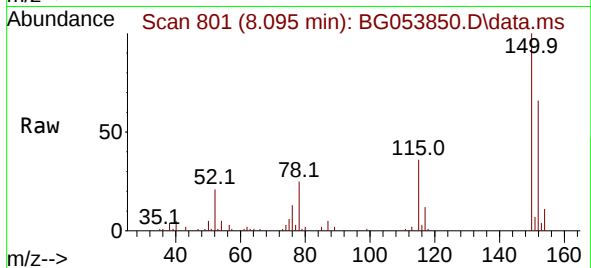




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.095 min Scan# 801
Delta R.T. -0.001 min
Lab File: BG053850.D
Acq: 8 Jun 2022 13:10

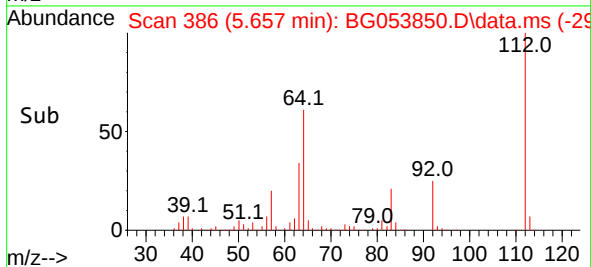
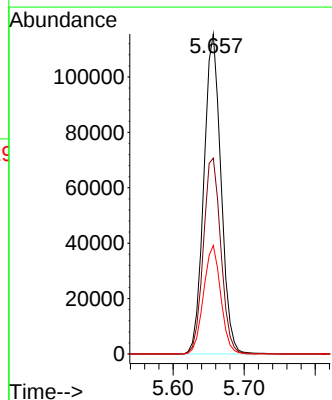
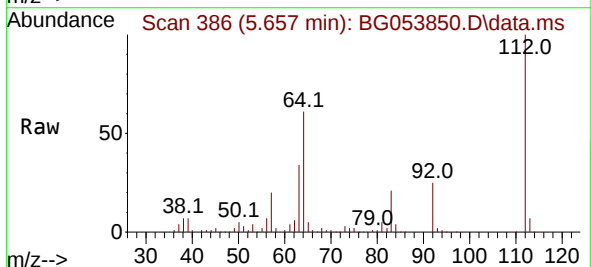
Instrument :
BNA_G
ClientSampleId :
PB145354TB

Tgt Ion:152 Resp: 25434
Ion Ratio Lower Upper
152 100
150 152.0 131.6 197.4
115 55.2 50.9 76.3



#5
2-Fluorophenol
Concen: 139.812 ng
RT: 5.657 min Scan# 386
Delta R.T. 0.005 min
Lab File: BG053850.D
Acq: 8 Jun 2022 13:10

Tgt Ion:112 Resp: 193644
Ion Ratio Lower Upper
112 100
64 61.2 55.1 82.7
63 33.9 30.4 45.6

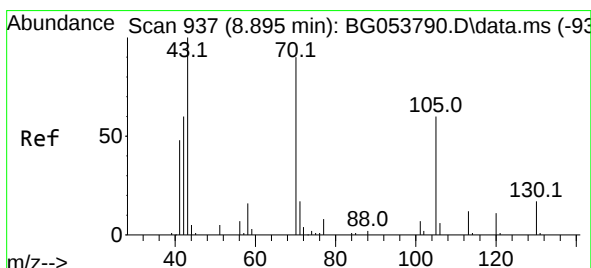
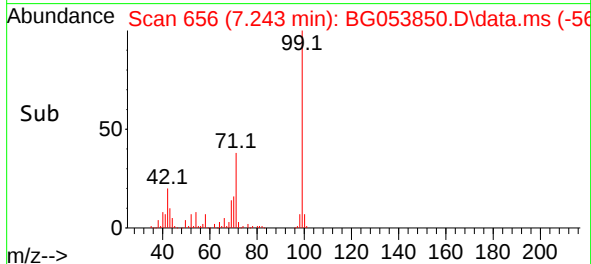
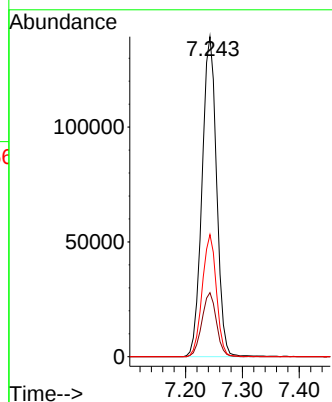
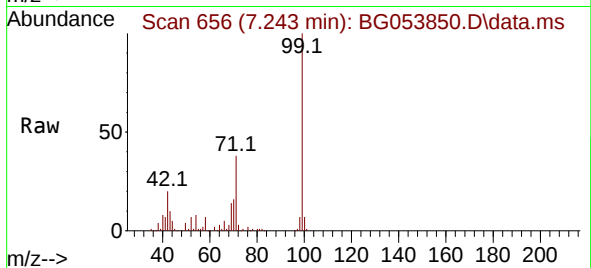




#7
Phenol-d6
Concen: 131.867 ng
RT: 7.243 min Scan# 61
Delta R.T. 0.005 min
Lab File: BG053850.D
Acq: 8 Jun 2022 13:10

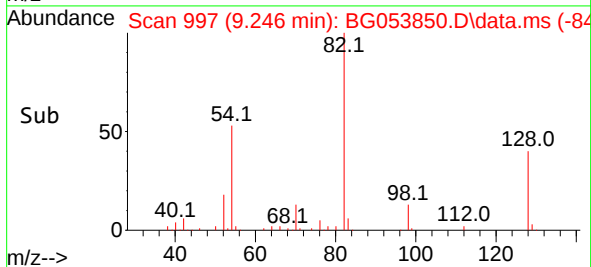
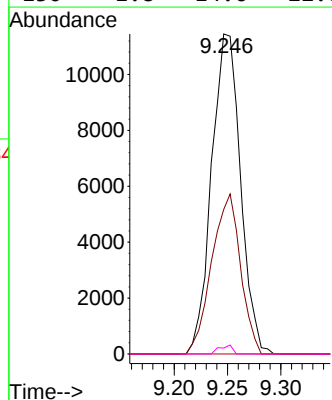
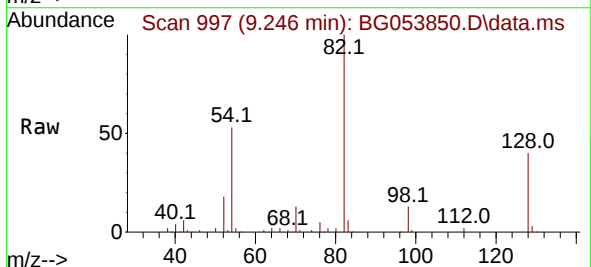
Instrument :
BNA_G
ClientSampleId :
PB145354TB

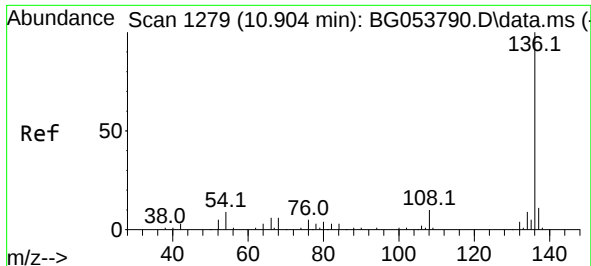
Tgt Ion: 99 Resp: 247404
Ion Ratio Lower Upper
99 100
42 20.0 17.0 25.6
71 38.1 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 16.222 ng
RT: 9.246 min Scan# 997
Delta R.T. 0.351 min
Lab File: BG053850.D
Acq: 8 Jun 2022 13:10

Tgt Ion: 70 Resp: 21556
Ion Ratio Lower Upper
70 100
42 45.1 47.3 70.9#
101 0.0 7.0 10.4#
130 1.8 14.6 22.0#

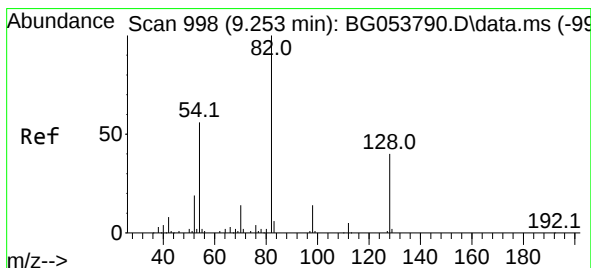
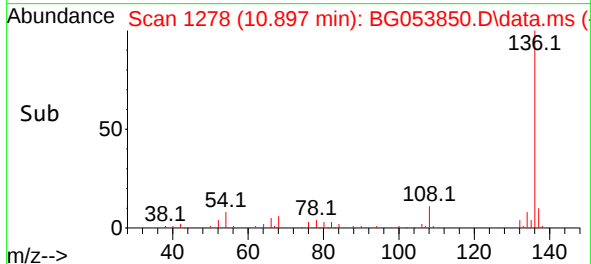
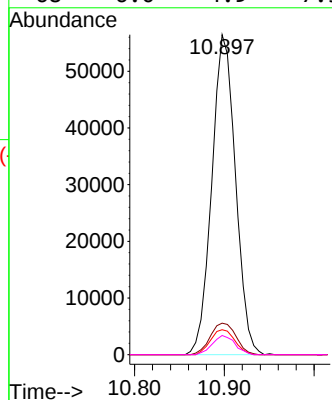
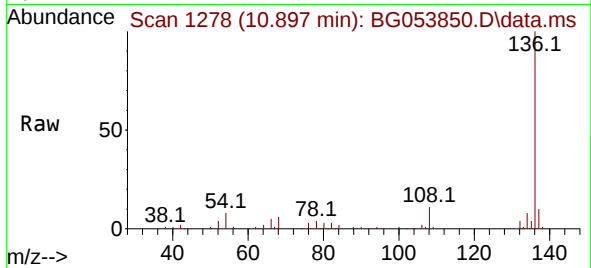




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.897 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG053850.D
Acq: 8 Jun 2022 13:10

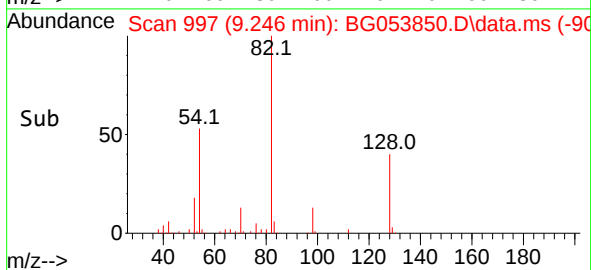
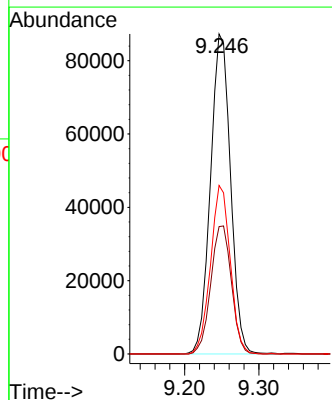
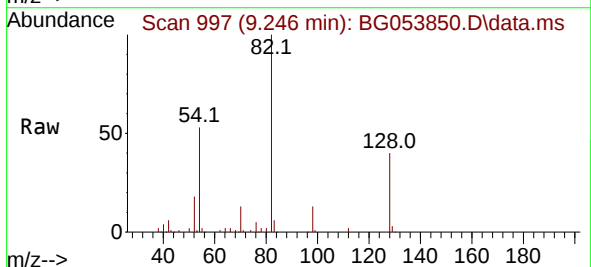
Instrument :
BNA_G
ClientSampleId :
PB145354TB

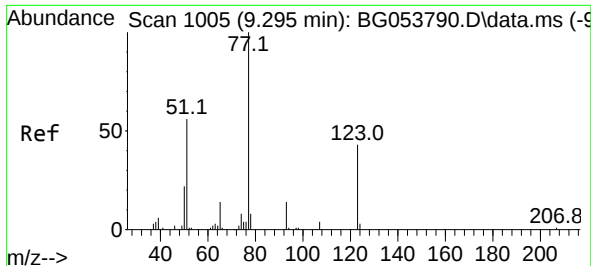
Tgt Ion:	136	Resp:	103512
Ion Ratio	Lower	Upper	
136	100		
137	9.8	8.5	12.7
54	7.8	7.4	11.2
68	6.0	4.9	7.3



#23
Nitrobenzene-d5
Concen: 103.942 ng
RT: 9.246 min Scan# 997
Delta R.T. -0.007 min
Lab File: BG053850.D
Acq: 8 Jun 2022 13:10

Tgt Ion:	82	Resp:	163842
Ion Ratio	Lower	Upper	
82	100		
128	39.8	27.9	41.9
54	52.6	41.2	61.8

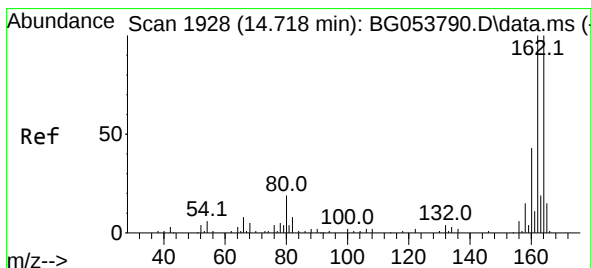
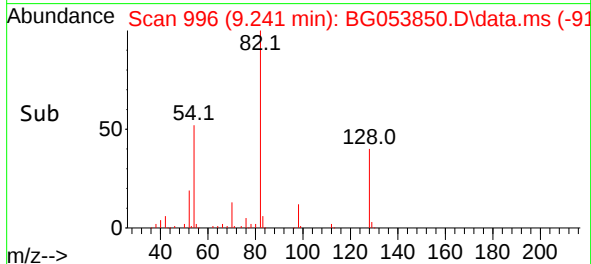
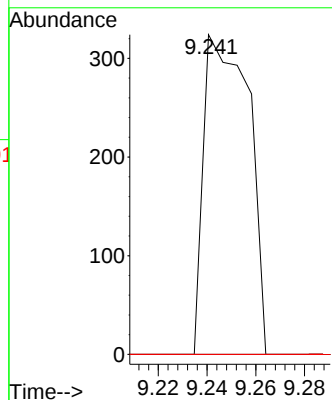
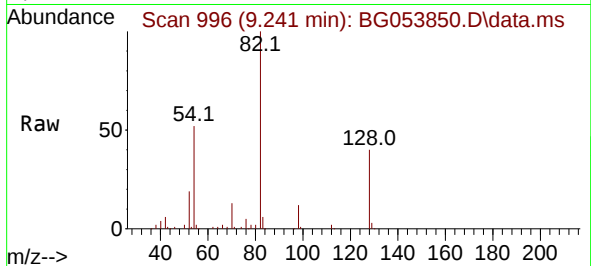




#24
Nitrobenzene
Concen: 3.194 ng
RT: 9.241 min Scan# 91
Delta R.T. -0.054 min
Lab File: BG053850.D
Acq: 8 Jun 2022 13:10

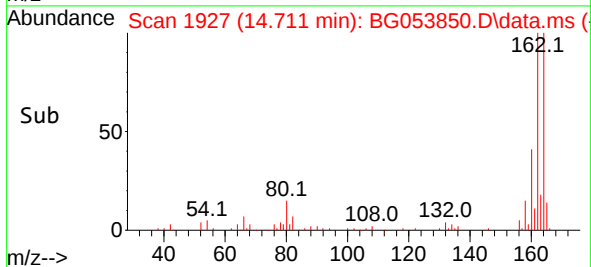
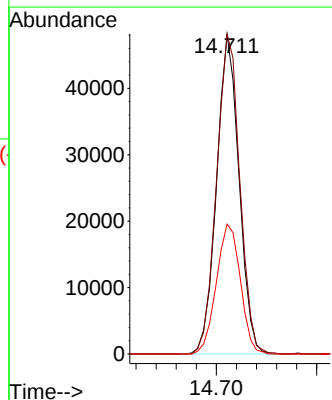
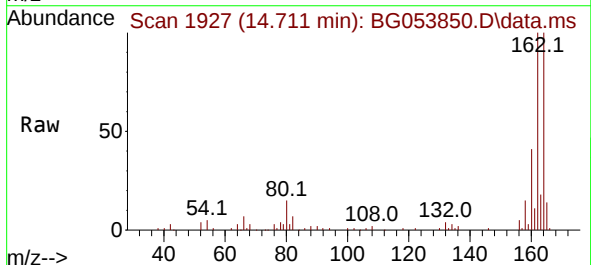
Instrument :
BNA_G
ClientSampleId :
PB145354TB

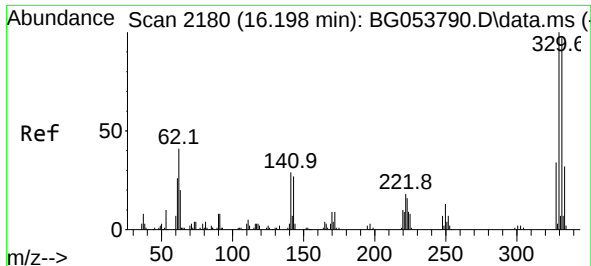
Tgt Ion: 77 Resp: 415
Ion Ratio Lower Upper
77 100
123 0.0 27.4 41.0#
65 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.711 min Scan# 1927
Delta R.T. -0.007 min
Lab File: BG053850.D
Acq: 8 Jun 2022 13:10

Tgt Ion: 164 Resp: 74369
Ion Ratio Lower Upper
164 100
162 100.4 82.3 123.5
160 40.7 34.2 51.2

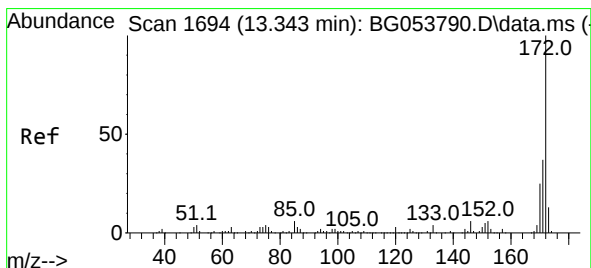
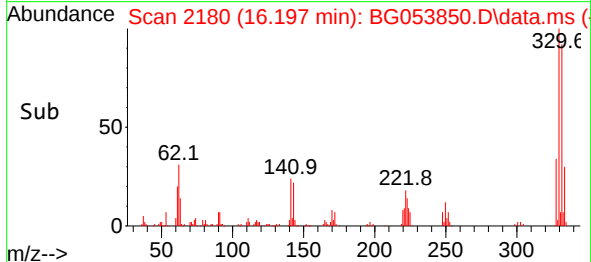
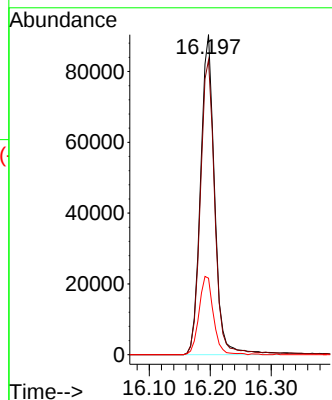
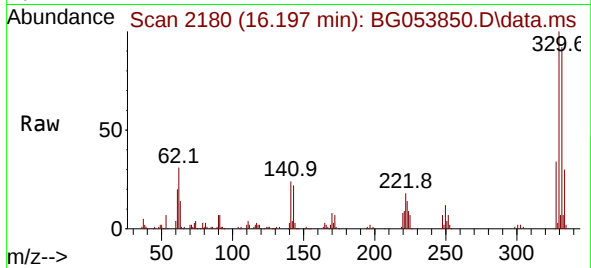




#42
 2,4,6-Tribromophenol
 Concen: 161.278 ng
 RT: 16.197 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG053850.D
 Acq: 8 Jun 2022 13:10

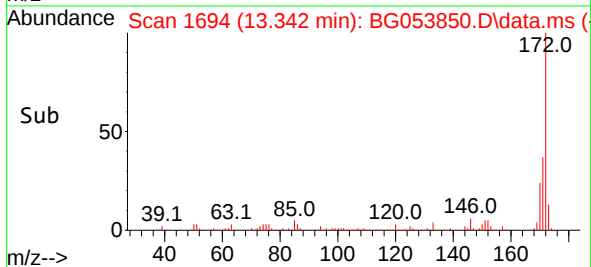
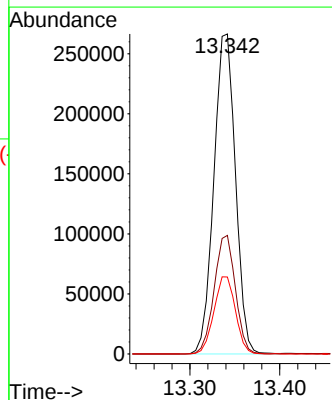
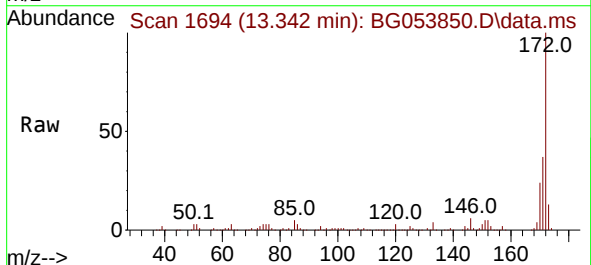
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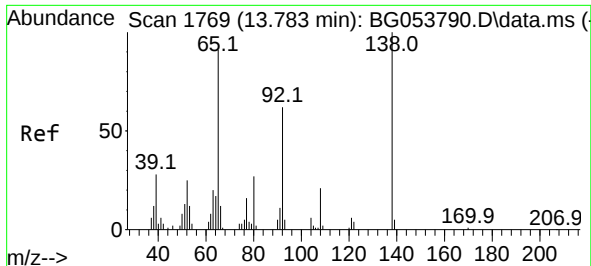
Tgt Ion:330 Resp: 145591
 Ion Ratio Lower Upper
 330 100
 332 94.3 76.0 114.0
 141 25.0 27.1 40.7#



#45
 2-Fluorobiphenyl
 Concen: 89.581 ng
 RT: 13.342 min Scan# 1694
 Delta R.T. -0.001 min
 Lab File: BG053850.D
 Acq: 8 Jun 2022 13:10

Tgt Ion:172 Resp: 445323
 Ion Ratio Lower Upper
 172 100
 171 37.0 28.5 42.7
 170 24.1 18.9 28.3

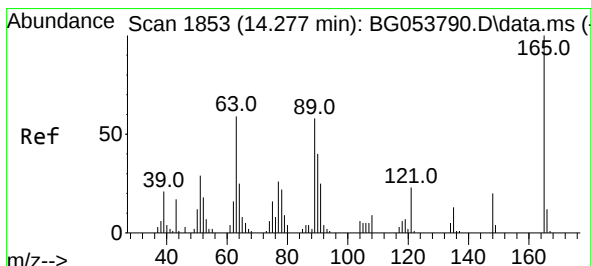
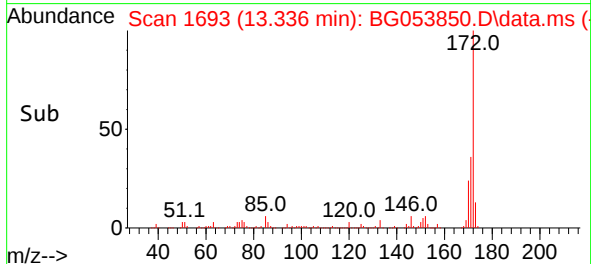
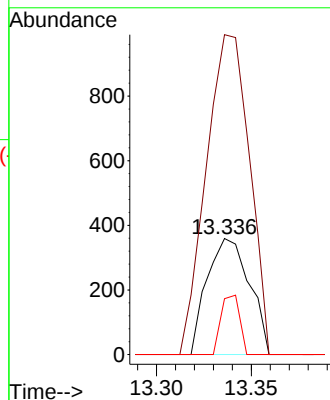
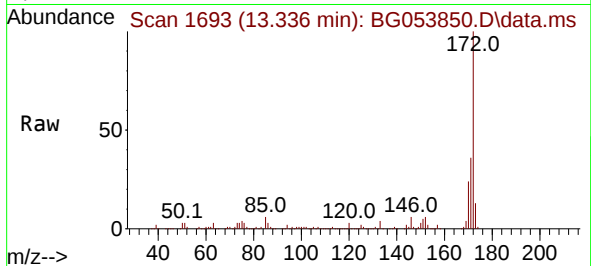




#48
2-Nitroaniline
Concen: 5.519 ng
RT: 13.336 min Scan# 11
Delta R.T. -0.447 min
Lab File: BG053850.D
Acq: 8 Jun 2022 13:10

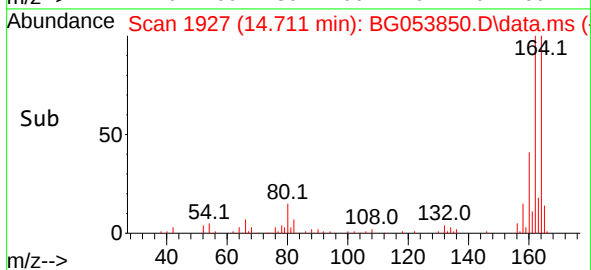
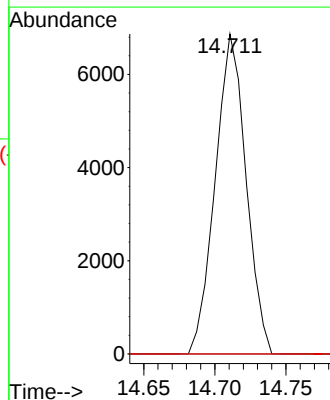
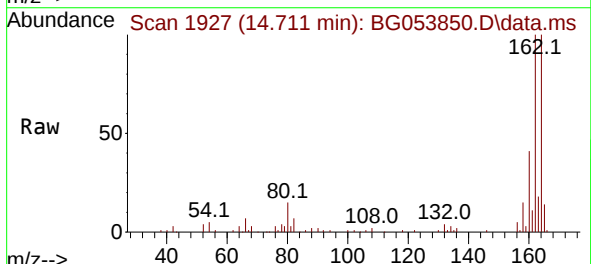
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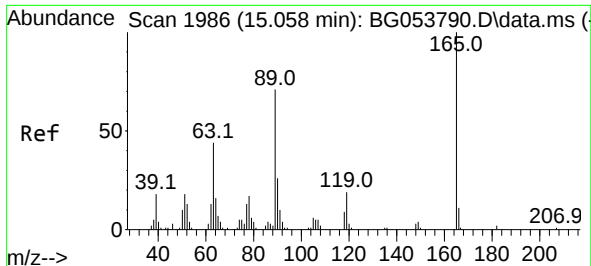
Tgt Ion: 65 Resp: 560
Ion Ratio Lower Upper
65 100
92 275.8 51.5 77.3#
138 48.2 71.3 106.9#



#51
2,6-Dinitrotoluene
Concen: 13.734 ng
RT: 14.711 min Scan# 1927
Delta R.T. 0.434 min
Lab File: BG053850.D
Acq: 8 Jun 2022 13:10

Tgt Ion:165 Resp: 10343
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: 11.455 ng

RT: 14.711 min Scan# 1986

Delta R.T. -0.347 min

Lab File: BG053850.D

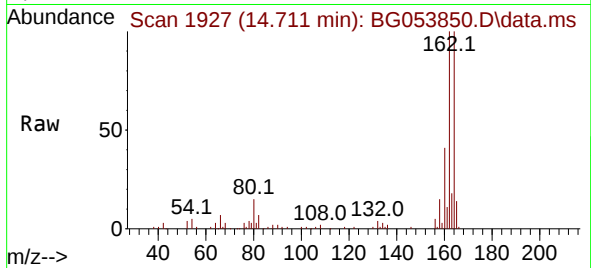
Acq: 8 Jun 2022 13:10

Instrument :

BNA_G

ClientSampleId :

PB145354TB



Tgt Ion:165 Resp: 10343

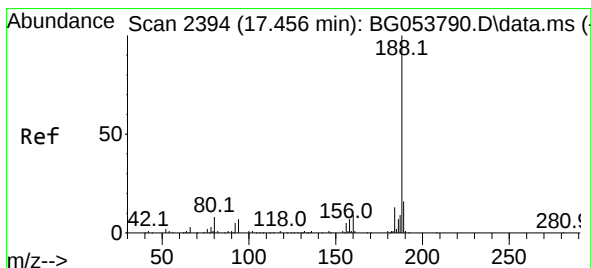
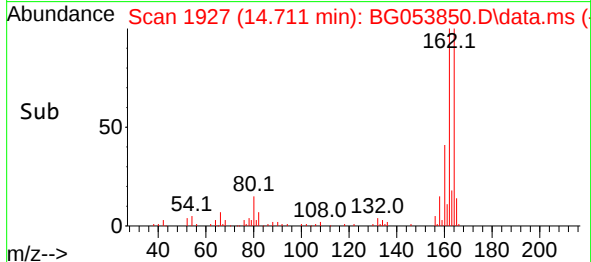
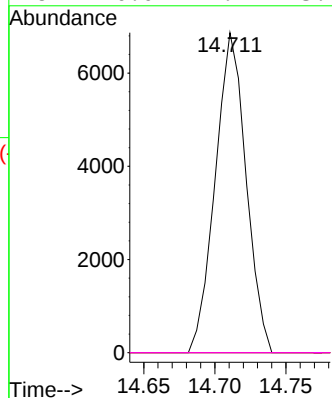
Ion Ratio Lower Upper

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: 17.454 min Scan# 2394

Delta R.T. -0.002 min

Lab File: BG053850.D

Acq: 8 Jun 2022 13:10

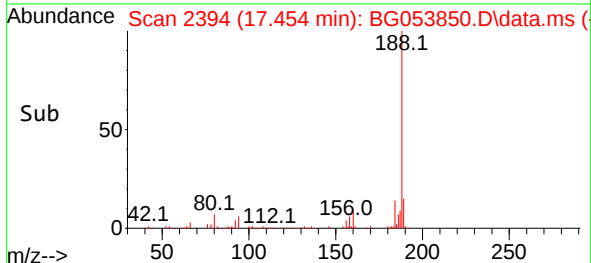
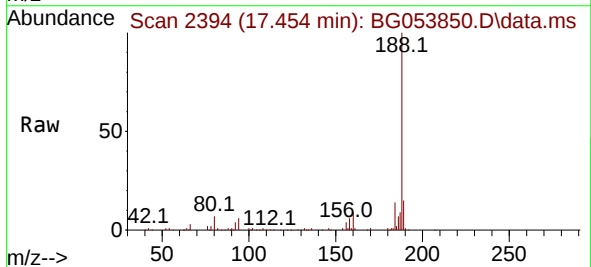
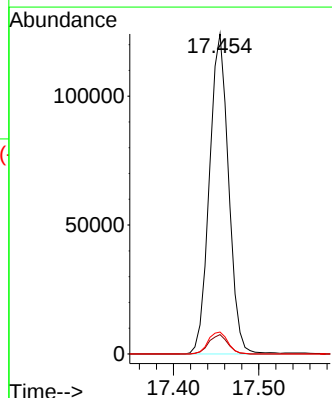
Tgt Ion:188 Resp: 194188

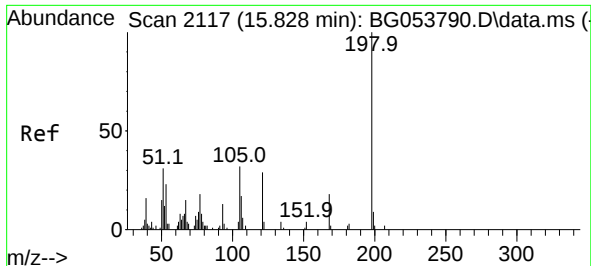
Ion Ratio Lower Upper

188 100

94 6.1 5.4 8.0

80 6.9 6.8 10.2

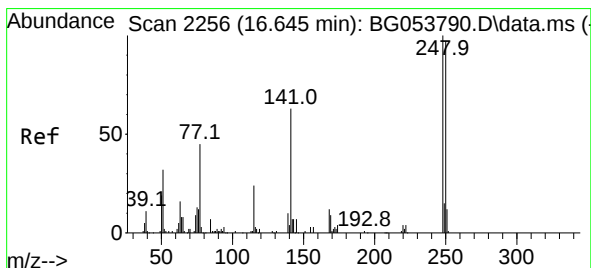
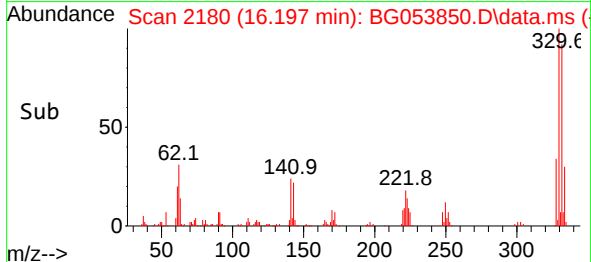
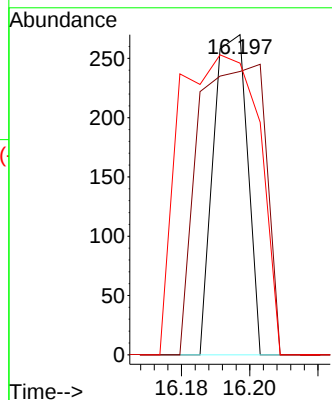
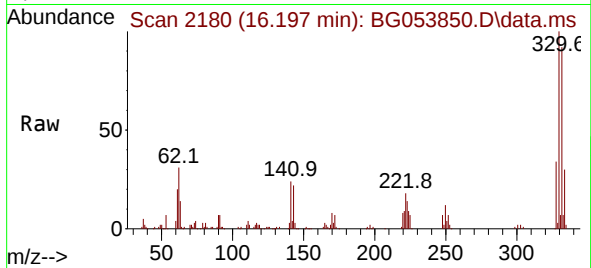




#65
4,6-Dinitro-2-methylphenol
Concen: 5.824 ng
RT: 16.197 min Scan# 2117
Delta R.T. 0.369 min
Lab File: BG053850.D
Acq: 8 Jun 2022 13:10

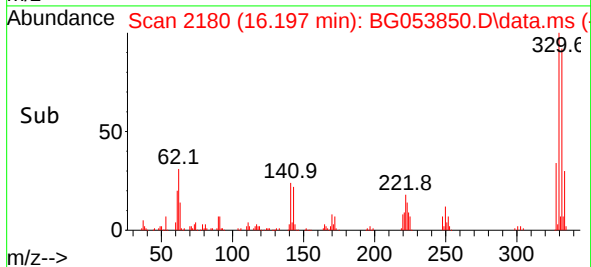
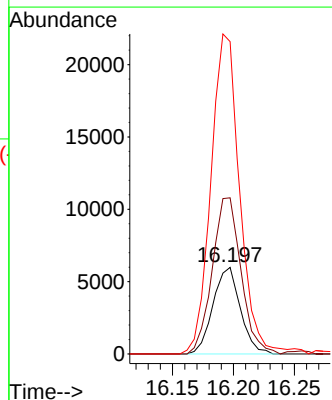
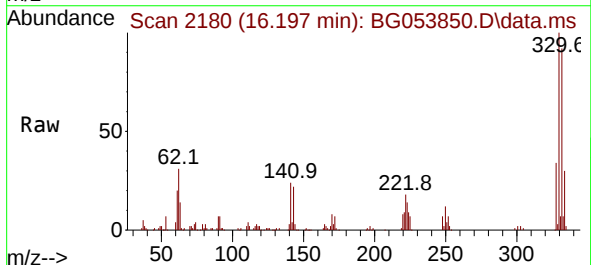
Instrument :
BNA_G
ClientSampleId :
PB145354TB

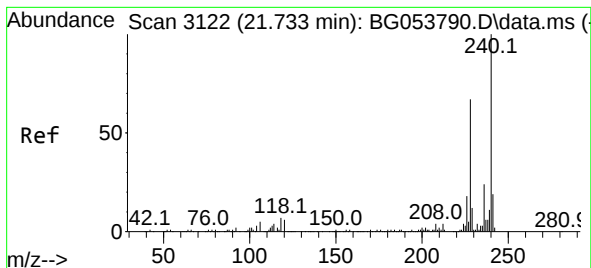
Tgt Ion:198 Resp: 186
Ion Ratio Lower Upper
198 100
51 88.5 28.1 68.1#
105 91.1 20.3 60.3#



#67
4-Bromophenyl-phenylether
Concen: 4.421 ng
RT: 16.197 min Scan# 2180
Delta R.T. -0.448 min
Lab File: BG053850.D
Acq: 8 Jun 2022 13:10

Tgt Ion:248 Resp: 9328
Ion Ratio Lower Upper
248 100
250 179.6 75.2 112.8#
141 276.3 50.0 75.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.726 min Scan# 31

Delta R.T. -0.007 min

Lab File: BG053850.D

Acq: 8 Jun 2022 13:10

Instrument :

BNA_G

ClientSampleId :

PB145354TB

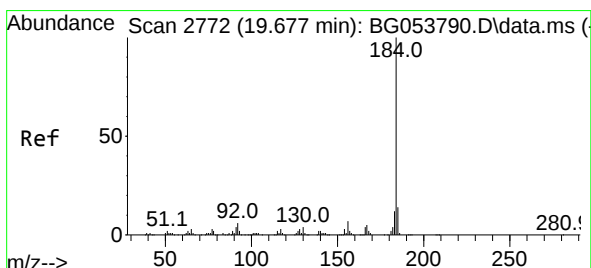
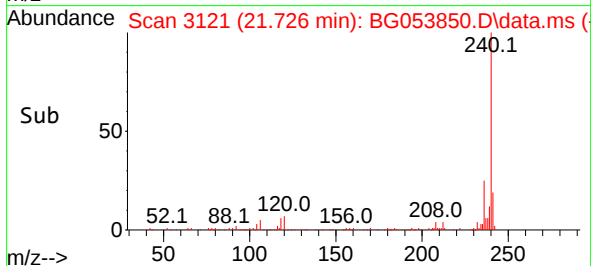
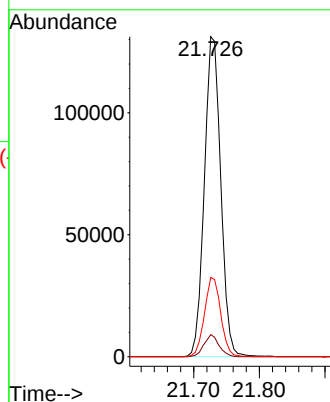
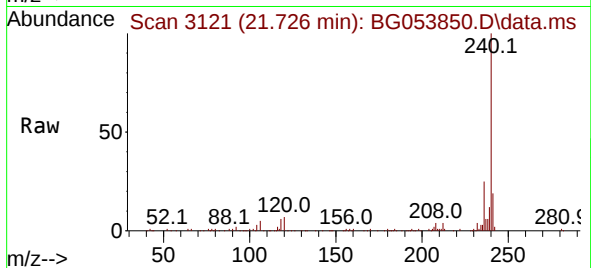
Tgt Ion:240 Resp: 228851

Ion Ratio Lower Upper

240 100

120 6.9 4.6 7.0

236 24.7 20.2 30.4



#77

Benzidine

Concen: 2.445 ng

RT: 20.063 min Scan# 2838

Delta R.T. 0.387 min

Lab File: BG053850.D

Acq: 8 Jun 2022 13:10

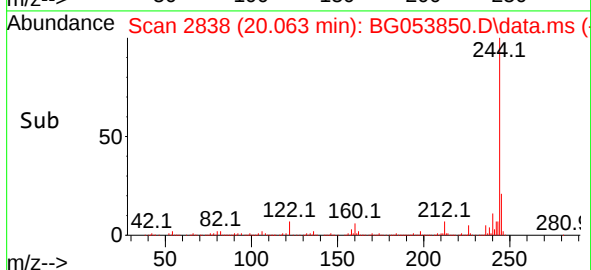
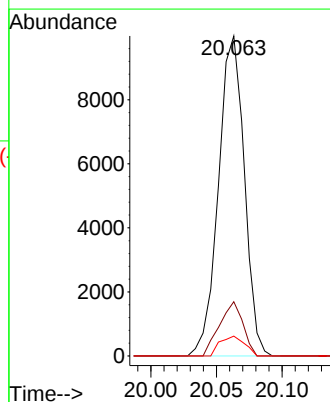
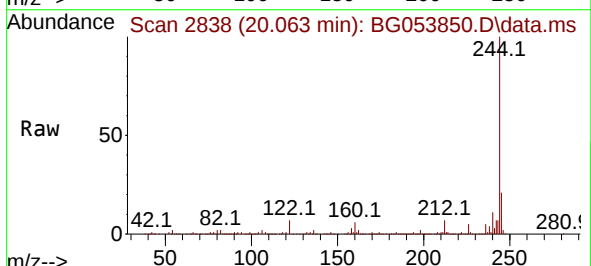
Tgt Ion:184 Resp: 13682

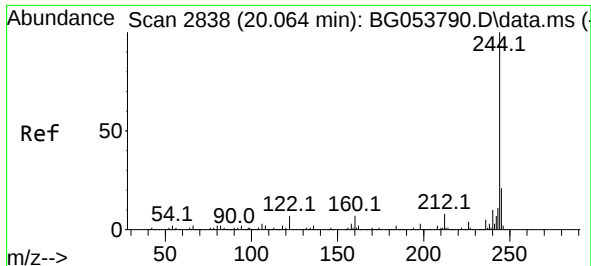
Ion Ratio Lower Upper

184 100

185 17.0 11.8 17.6

183 6.2 8.9 13.3#

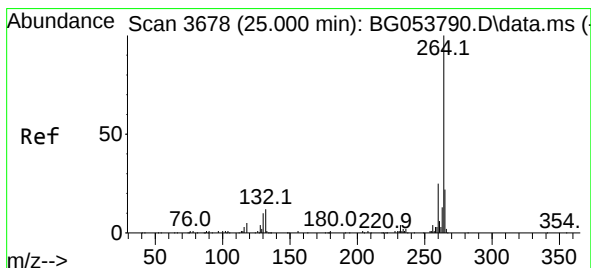
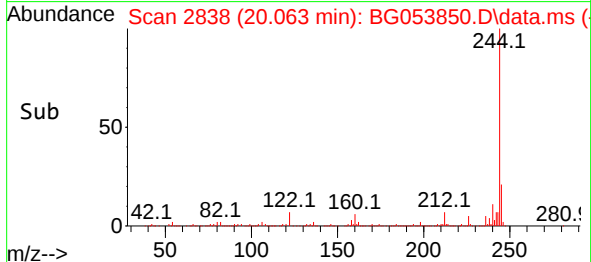
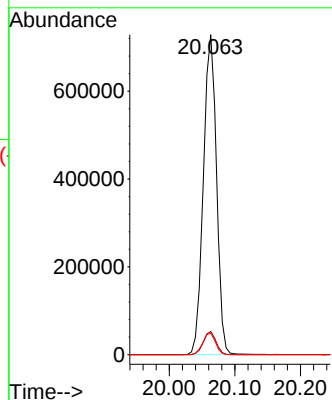
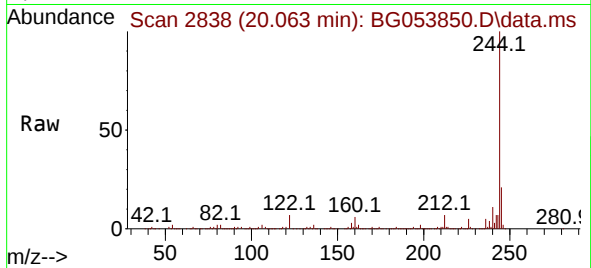




#79
 Terphenyl-d14
 Concen: 88.471 ng
 RT: 20.063 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG053850.D
 Acq: 8 Jun 2022 13:10

Instrument :
 BNA_G
 ClientSampleId :
 PB145354TB

Tgt Ion:244 Resp: 1017724
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.5 9.7
 122 6.7 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.993 min Scan# 3677
 Delta R.T. -0.007 min
 Lab File: BG053850.D
 Acq: 8 Jun 2022 13:10

Tgt Ion:264 Resp: 220407
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.6
 265 21.5 17.4 26.2

