

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061022\
 Data File : BG053873.D
 Acq On : 10 Jun 2022 13:36
 Operator : CG/JU
 Sample : PB145428BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB145428BL

Quant Time: Jun 10 17:33:55 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)

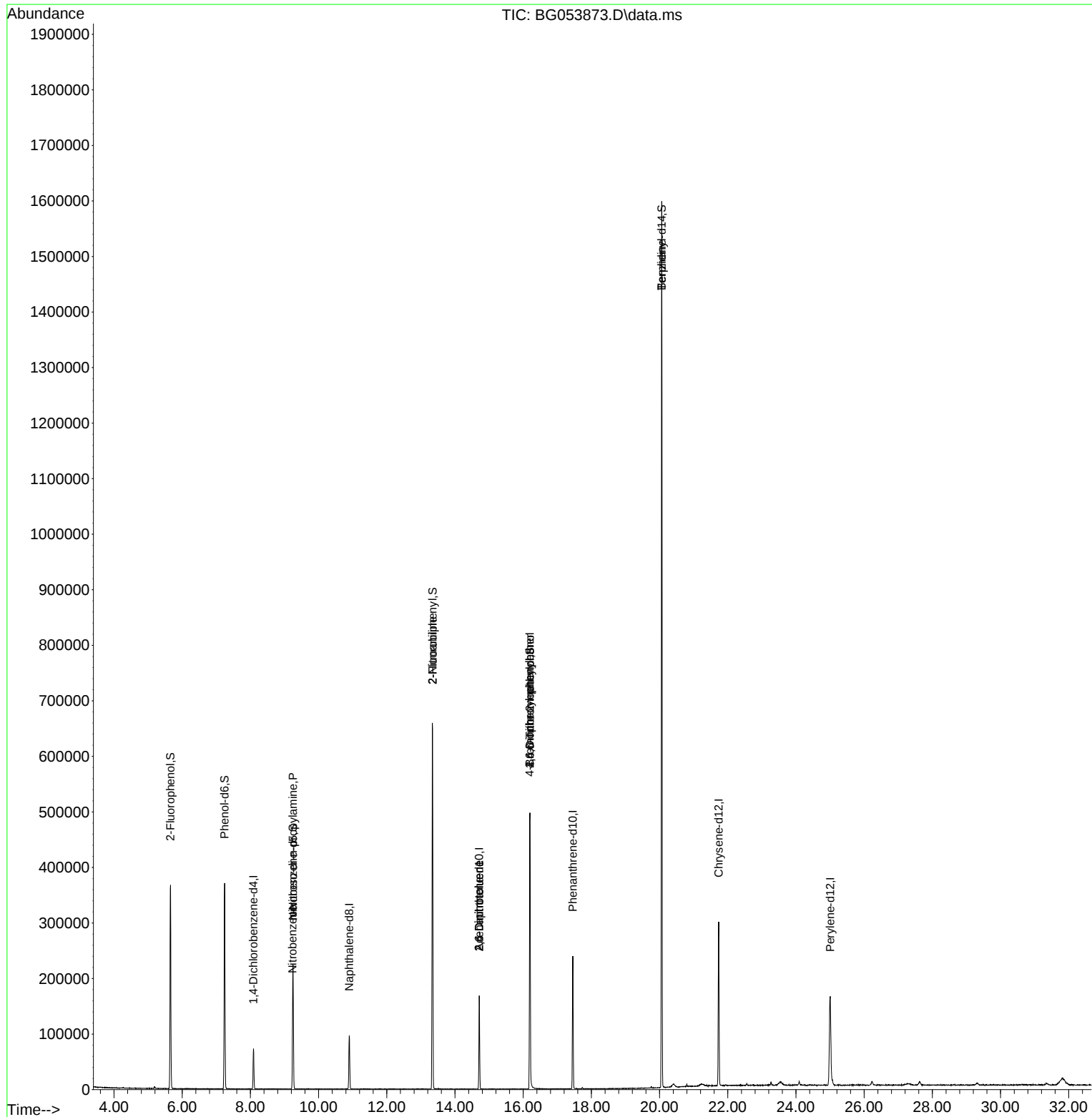
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.090	152	23379	20.000	ng	0.00
21) Naphthalene-d8	10.898	136	90854	20.000	ng	# 0.00
39) Acenaphthene-d10	14.711	164	65516	20.000	ng	0.00
64) Phenanthrene-d10	17.455	188	172706	20.000	ng	# 0.00
76) Chrysene-d12	21.732	240	208929	20.000	ng	0.00
86) Perylene-d12	25.005	264	209031	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.657	112	173978	136.655	ng	0.00
7) Phenol-d6	7.244	99	224141	129.969	ng	0.00
23) Nitrobenzene-d5	9.247	82	144229	104.247	ng	0.00
42) 2,4,6-Tribromophenol	16.198	330	131730	165.641	ng	0.00
45) 2-Fluorobiphenyl	13.342	172	393635	89.884	ng	0.00
79) Terphenyl-d14	20.064	244	926497	88.220	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.247	70	18718	15.324	ng	# 83
24) Nitrobenzene	9.235	77	371	3.198	ng	# 48
48) 2-Nitroaniline	13.342	65	513	5.538	ng	# 1
51) 2,6-Dinitrotoluene	14.711	165	8666	13.259	ng	# 16
57) 2,4-Dinitrotoluene	14.711	165	8666	11.109	ng	# 21
65) 4,6-Dinitro-2-methylph...	16.198	198	127	5.773	ng	# 57
67) 4-Bromophenyl-phenylether	16.192	248	8057	4.294	ng	# 1
77) Benzidine	20.064	184	11449	2.241	ng	# 93

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

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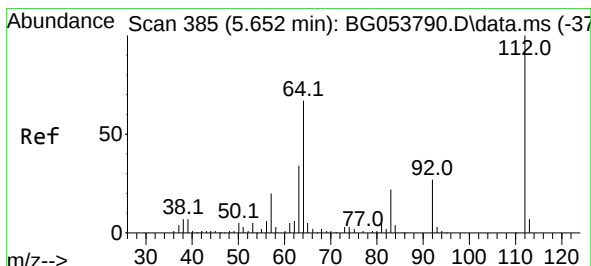
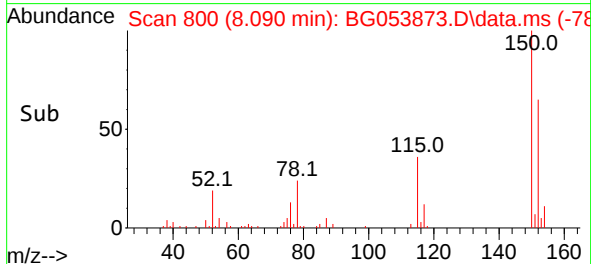
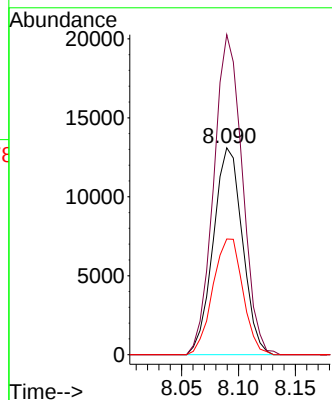
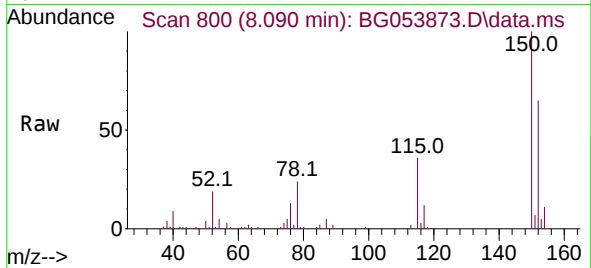




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.090 min Scan# 801
Delta R.T. -0.006 min
Lab File: BG053873.D
Acq: 10 Jun 2022 13:36

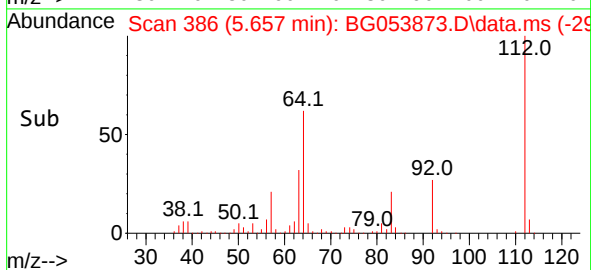
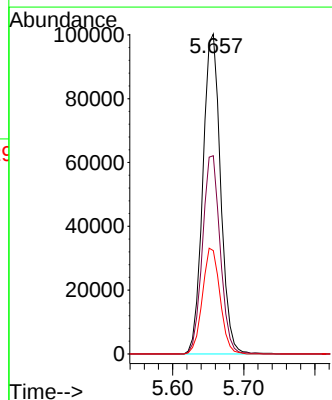
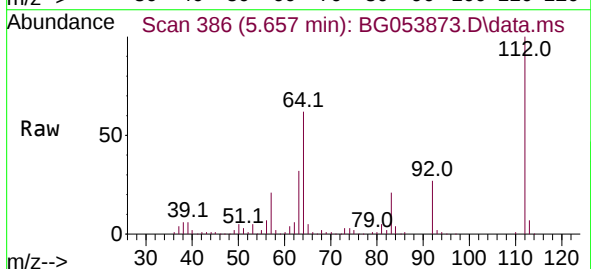
Instrument :
BNA_G
ClientSampleId :
PB145428BL

Tgt Ion:152 Resp: 23379
Ion Ratio Lower Upper
152 100
150 154.7 131.6 197.4
115 55.9 50.9 76.3



#5
2-Fluorophenol
Concen: 136.655 ng
RT: 5.657 min Scan# 386
Delta R.T. 0.005 min
Lab File: BG053873.D
Acq: 10 Jun 2022 13:36

Tgt Ion:112 Resp: 173978
Ion Ratio Lower Upper
112 100
64 61.9 55.1 82.7
63 32.3 30.4 45.6

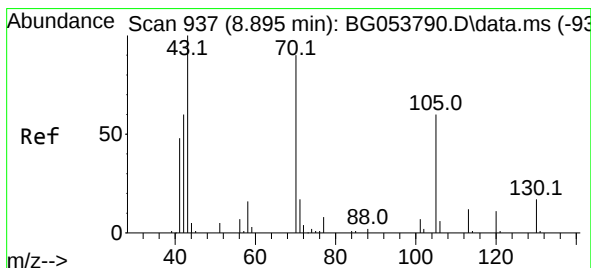
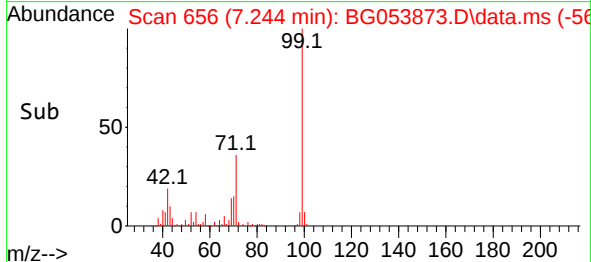
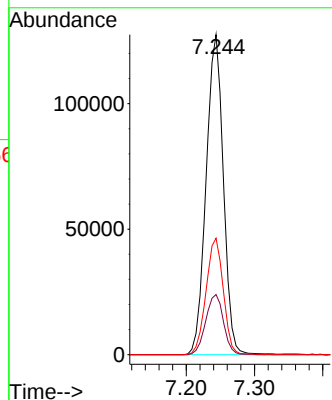
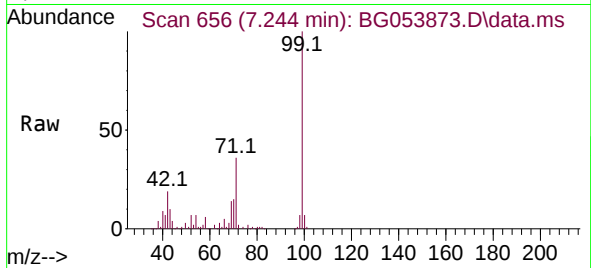




#7
Phenol-d6
Concen: 129.969 ng
RT: 7.244 min Scan# 61
Delta R.T. 0.005 min
Lab File: BG053873.D
Acq: 10 Jun 2022 13:36

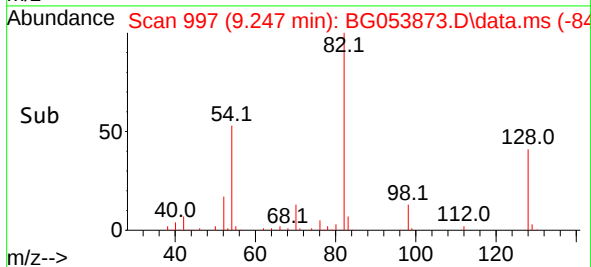
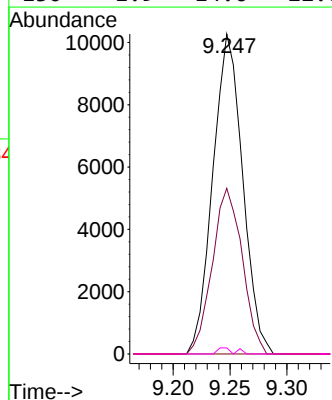
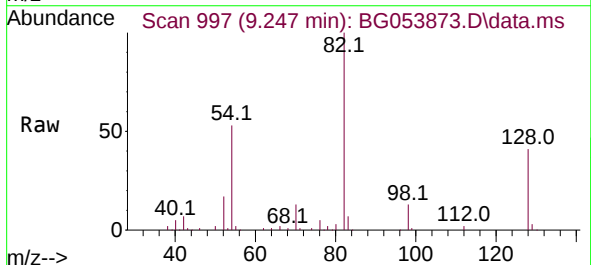
Instrument :
BNA_G
ClientSampleId :
PB145428BL

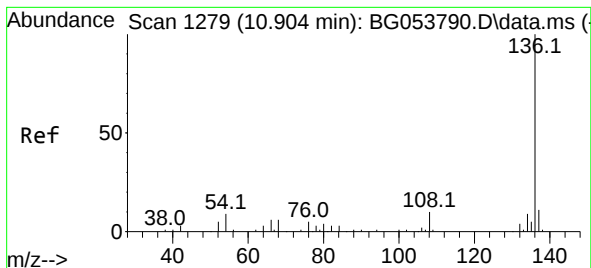
Tgt Ion: 99 Resp: 224141
Ion Ratio Lower Upper
99 100
42 18.8 17.0 25.6
71 36.4 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 15.324 ng
RT: 9.247 min Scan# 997
Delta R.T. 0.352 min
Lab File: BG053873.D
Acq: 10 Jun 2022 13:36

Tgt Ion: 70 Resp: 18718
Ion Ratio Lower Upper
70 100
42 51.8 47.3 70.9
101 0.0 7.0 10.4#
130 1.9 14.6 22.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.898 min Scan# 11

Delta R.T. -0.006 min

Lab File: BG053873.D

Acq: 10 Jun 2022 13:36

Instrument :

BNA_G

ClientSampleId :

PB145428BL

Tgt Ion:136 Resp: 90854

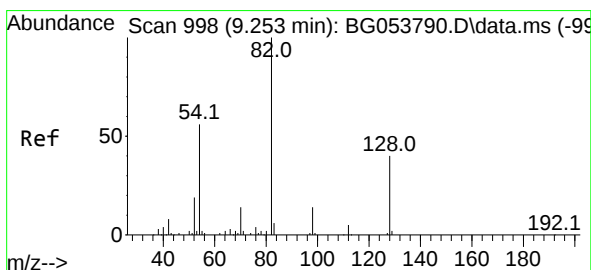
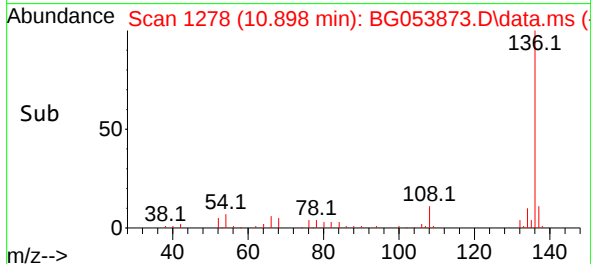
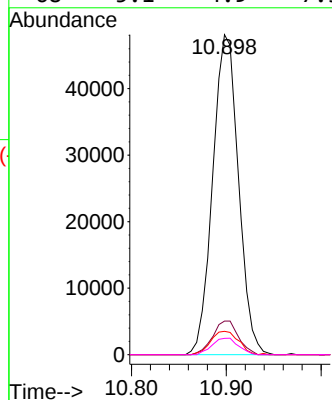
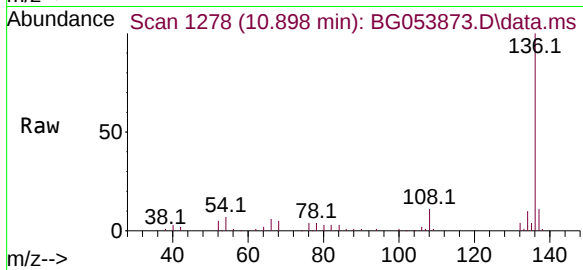
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 7.3 7.4 11.2#

68 5.1 4.9 7.3



#23

Nitrobenzene-d5

Concen: 104.247 ng

RT: 9.247 min Scan# 997

Delta R.T. -0.006 min

Lab File: BG053873.D

Acq: 10 Jun 2022 13:36

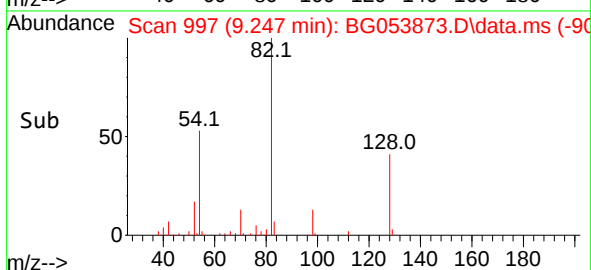
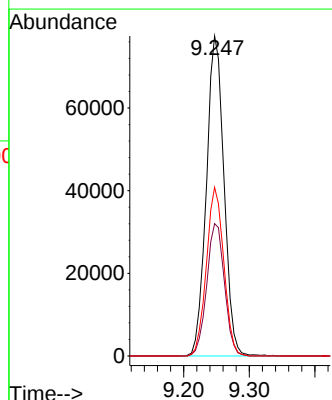
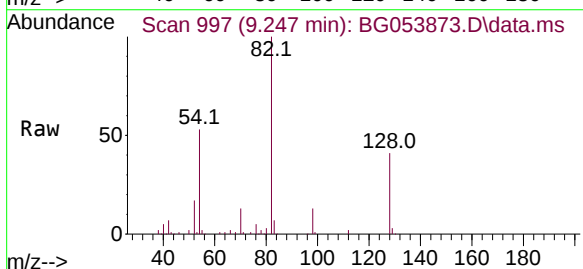
Tgt Ion: 82 Resp: 144229

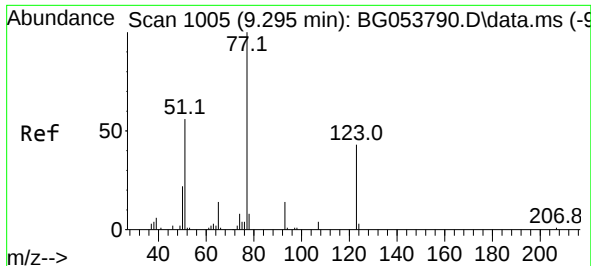
Ion Ratio Lower Upper

82 100

128 41.4 27.9 41.9

54 52.7 41.2 61.8

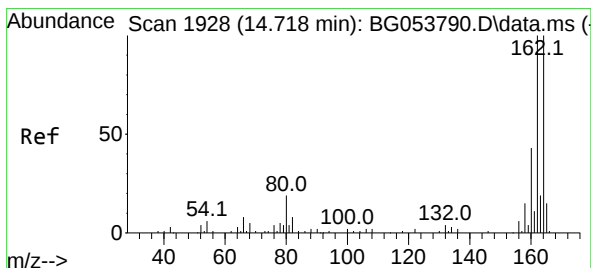
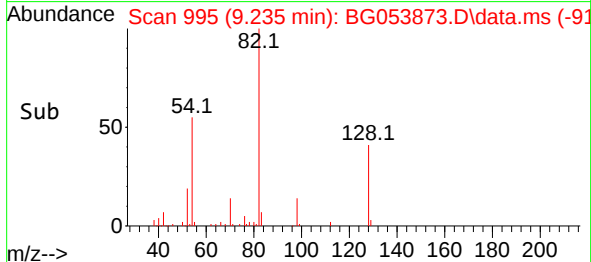
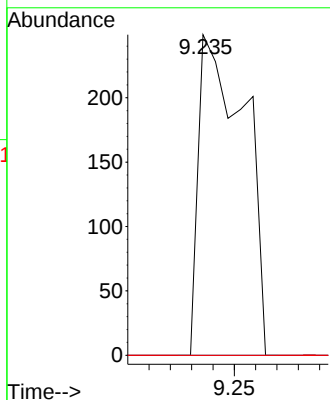
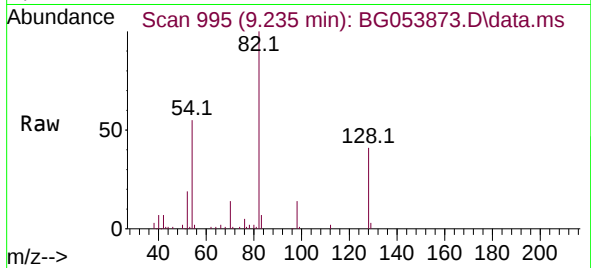




#24
Nitrobenzene
Concen: 3.198 ng
RT: 9.235 min Scan# 91
Delta R.T. -0.060 min
Lab File: BG053873.D
Acq: 10 Jun 2022 13:36

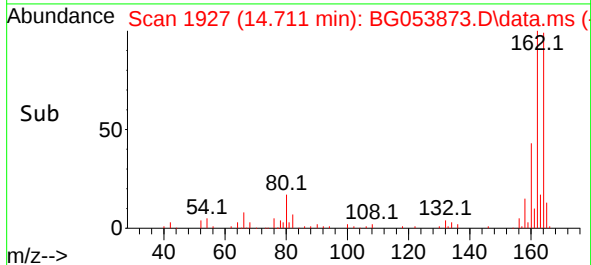
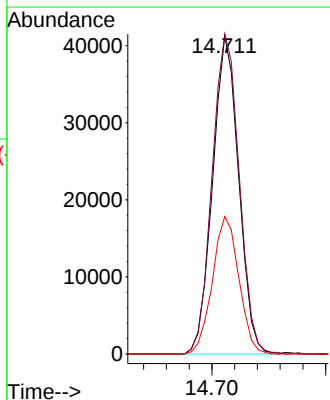
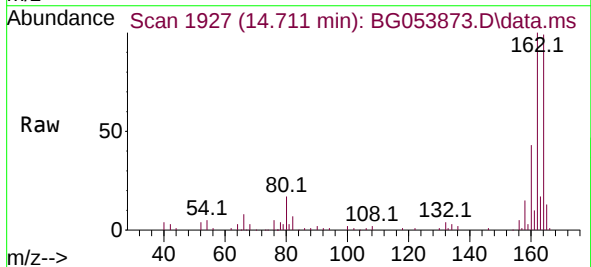
Instrument :
BNA_G
ClientSampleId :
PB145428BL

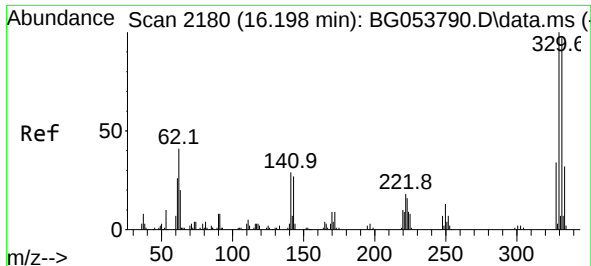
Tgt Ion: 77 Resp: 371
Ion Ratio Lower Upper
77 100
123 0.0 27.4 41.0#
65 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.711 min Scan# 1927
Delta R.T. -0.007 min
Lab File: BG053873.D
Acq: 10 Jun 2022 13:36

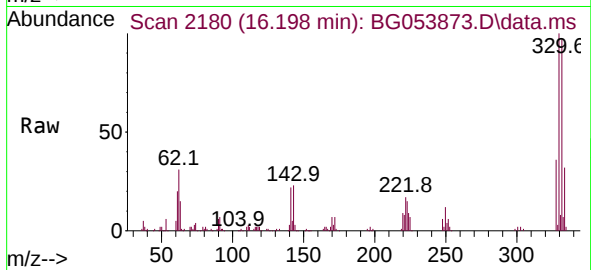
Tgt Ion: 164 Resp: 65516
Ion Ratio Lower Upper
164 100
162 100.7 82.3 123.5
160 43.2 34.2 51.2



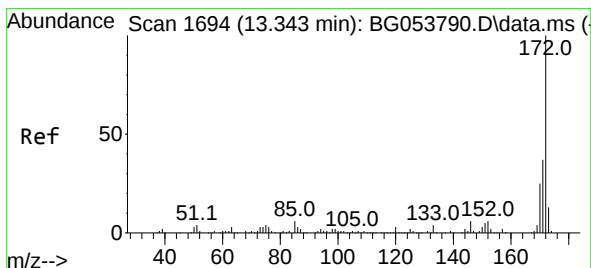
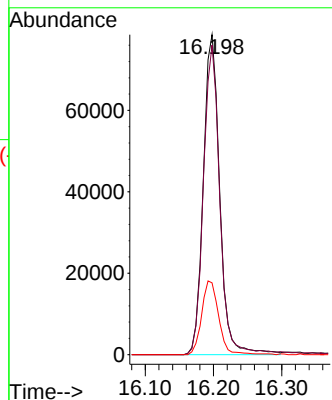
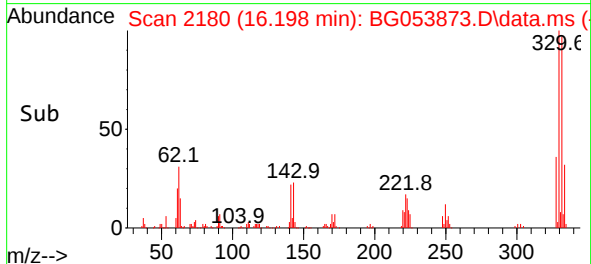


#42
2,4,6-Tribromophenol
Concen: 165.641 ng
RT: 16.198 min Scan# 2180
Delta R.T. -0.000 min
Lab File: BG053873.D
Acq: 10 Jun 2022 13:36

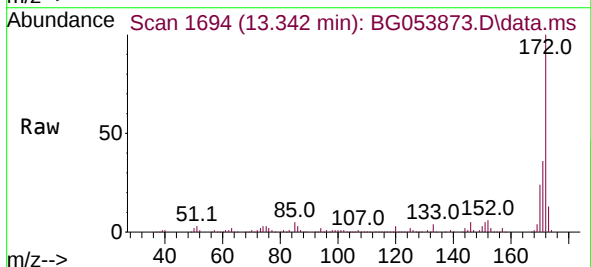
Instrument :
BNA_G
ClientSampleId :
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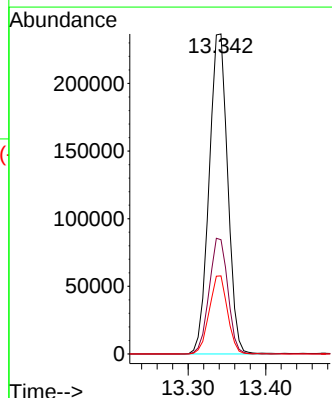
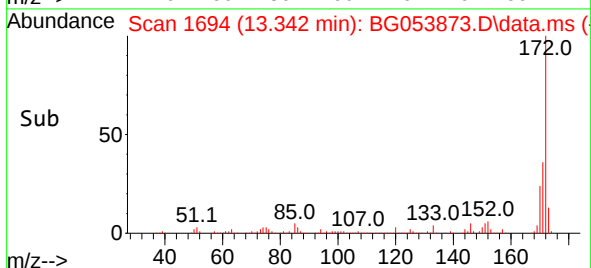
Tgt Ion:330 Resp: 131730
Ion Ratio Lower Upper
330 100
332 96.2 76.0 114.0
141 23.9 27.1 40.7#

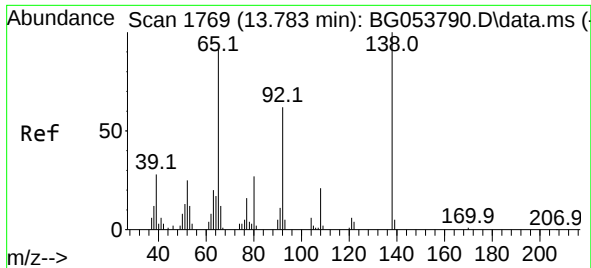


#45
2-Fluorobiphenyl
Concen: 89.884 ng
RT: 13.342 min Scan# 1694
Delta R.T. -0.001 min
Lab File: BG053873.D
Acq: 10 Jun 2022 13:36



Tgt Ion:172 Resp: 393635
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 24.4 18.9 28.3

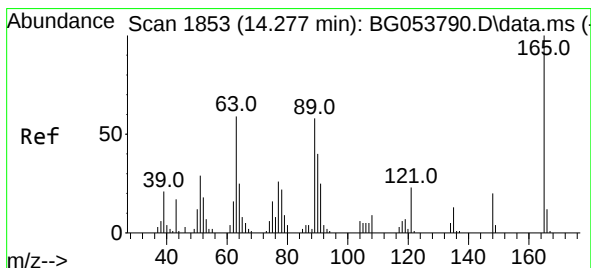
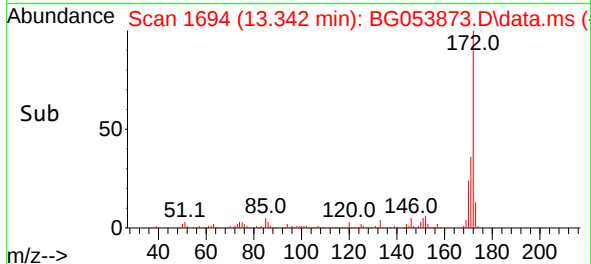
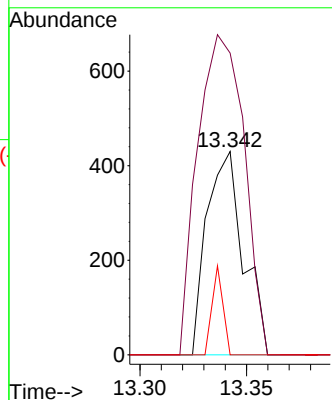
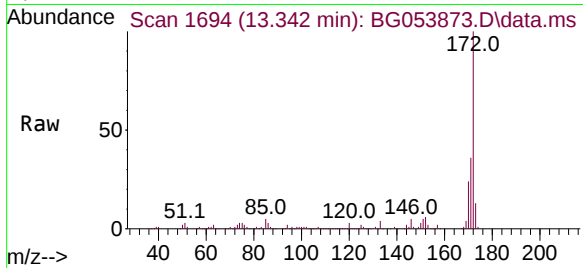




#48
2-Nitroaniline
Concen: 5.538 ng
RT: 13.342 min Scan# 1
Delta R.T. -0.441 min
Lab File: BG053873.D
Acq: 10 Jun 2022 13:36

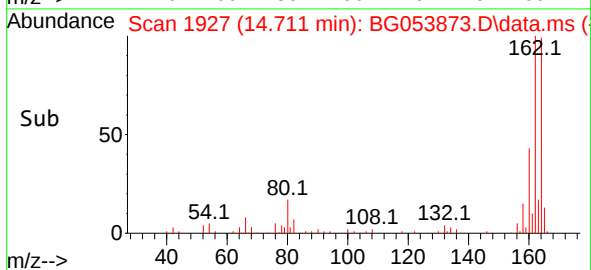
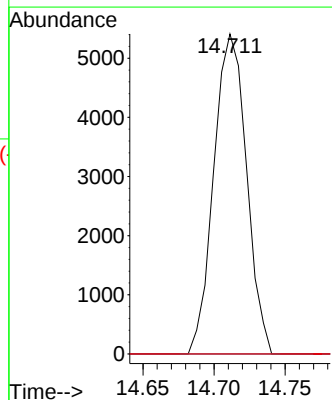
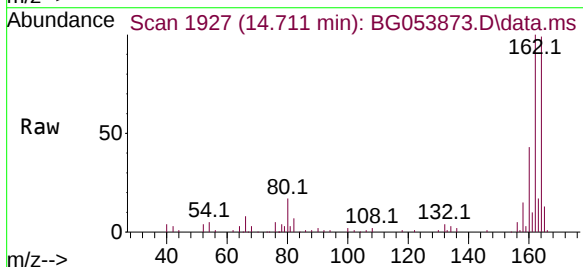
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ClientSampleId :
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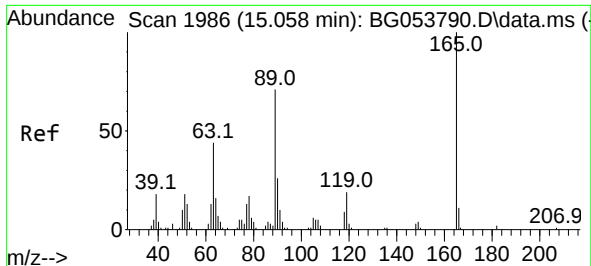
Tgt Ion: 65 Resp: 513
Ion Ratio Lower Upper
65 100
92 148.4 51.5 77.3#
138 0.0 71.3 106.9#



#51
2,6-Dinitrotoluene
Concen: 13.259 ng
RT: 14.711 min Scan# 1927
Delta R.T. 0.434 min
Lab File: BG053873.D
Acq: 10 Jun 2022 13:36

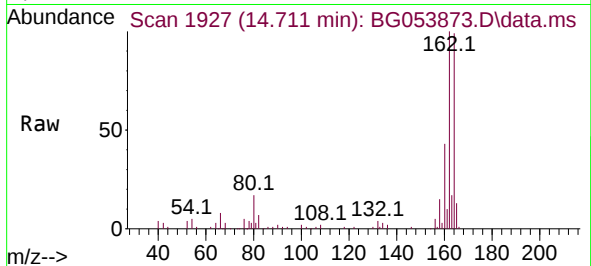
Tgt Ion:165 Resp: 8666
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#



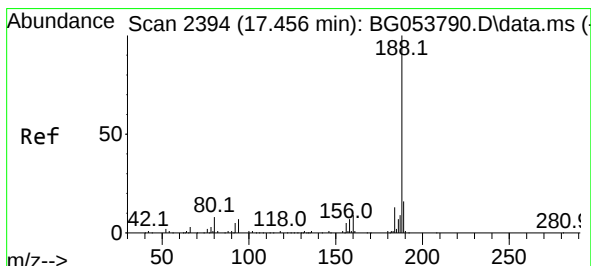
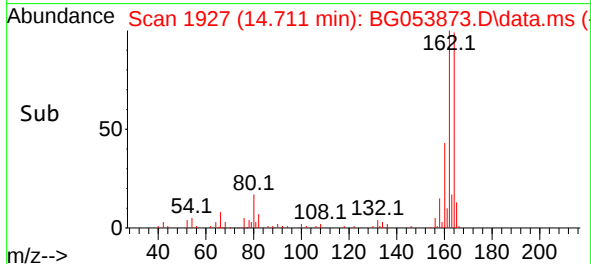
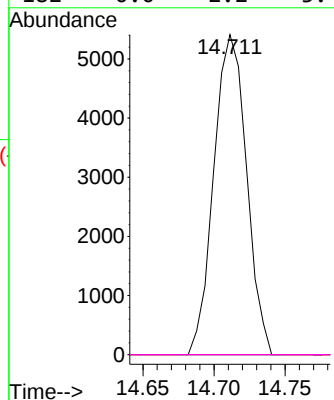


#57
2,4-Dinitrotoluene
Concen: 11.109 ng
RT: 14.711 min Scan# 1986
Delta R.T. -0.347 min
Lab File: BG053873.D
Acq: 10 Jun 2022 13:36

Instrument :
BNA_G
ClientSampleId :
PB145428BL

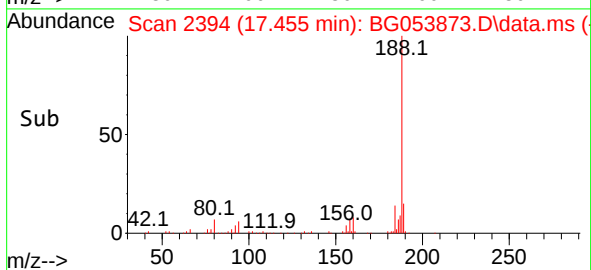
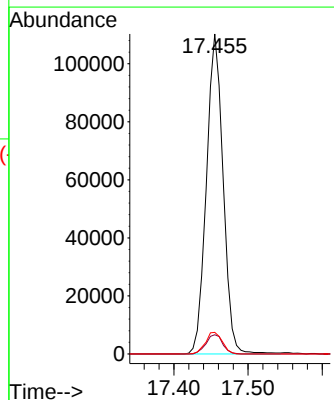
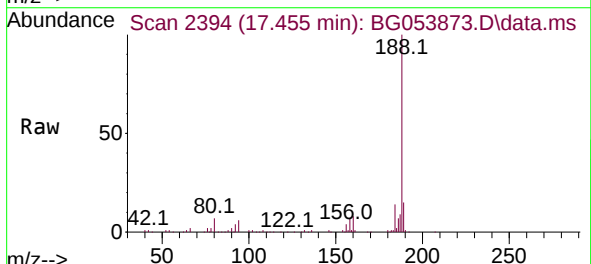


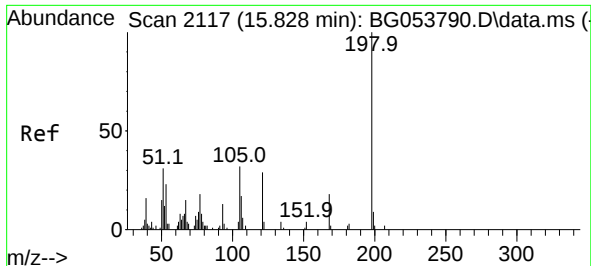
Tgt Ion:165 Resp: 8666
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.455 min Scan# 2394
Delta R.T. -0.001 min
Lab File: BG053873.D
Acq: 10 Jun 2022 13:36

Tgt Ion:188 Resp: 172706
Ion Ratio Lower Upper
188 100
94 6.0 5.4 8.0
80 6.8 6.8 10.2#

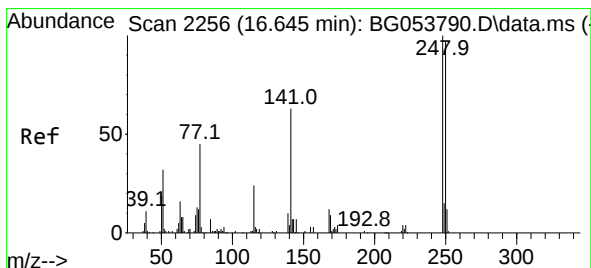
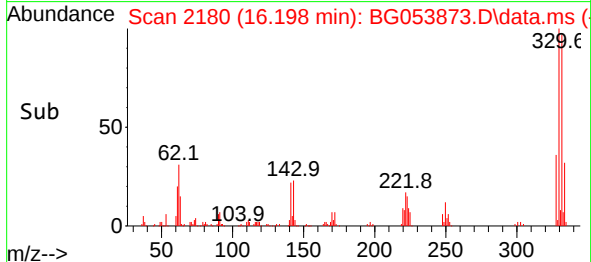
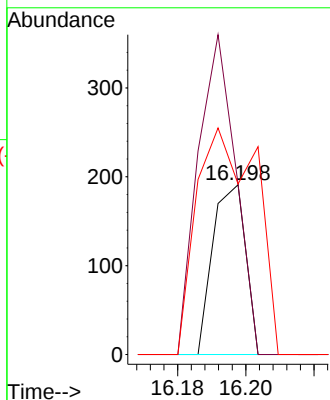
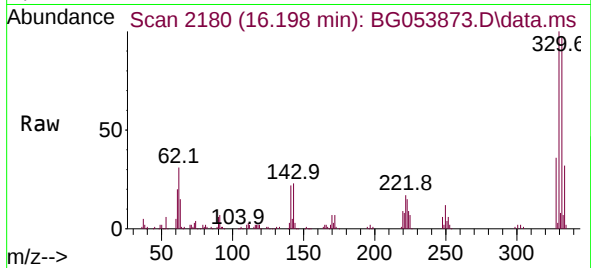




#65
4,6-Dinitro-2-methylphenol
Concen: 5.773 ng
RT: 16.198 min Scan# 2117
Delta R.T. 0.370 min
Lab File: BG053873.D
Acq: 10 Jun 2022 13:36

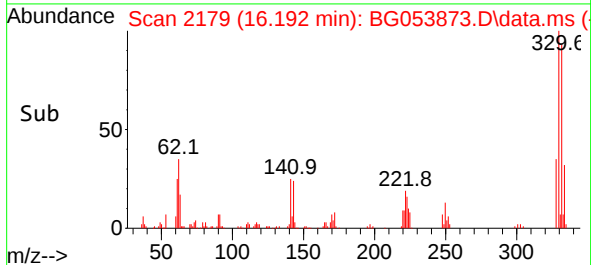
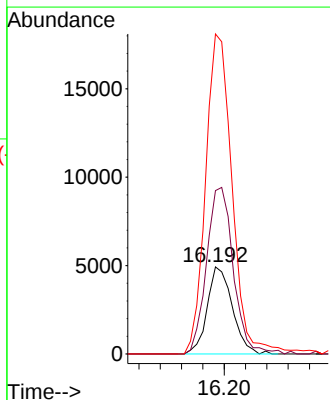
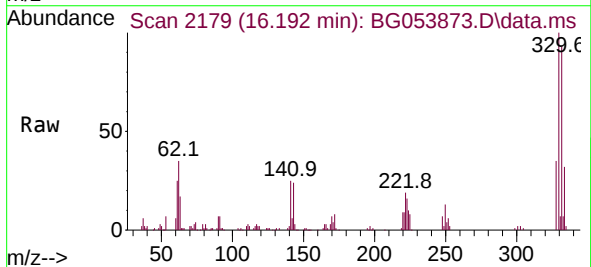
Instrument :
BNA_G
ClientSampleId :
PB145428BL

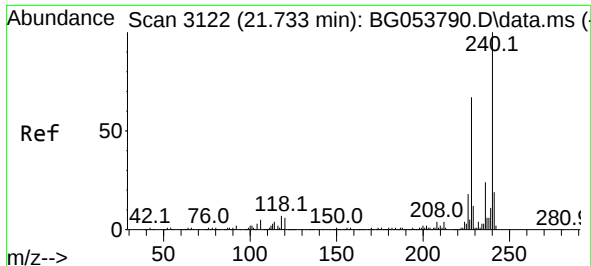
Tgt Ion:198 Resp: 127
Ion Ratio Lower Upper
198 100
51 16.8 28.1 68.1#
105 16.8 20.3 60.3#



#67
4-Bromophenyl-phenylether
Concen: 4.294 ng
RT: 16.192 min Scan# 2179
Delta R.T. -0.453 min
Lab File: BG053873.D
Acq: 10 Jun 2022 13:36

Tgt Ion:248 Resp: 8057
Ion Ratio Lower Upper
248 100
250 187.8 75.2 112.8#
141 367.7 50.0 75.0#

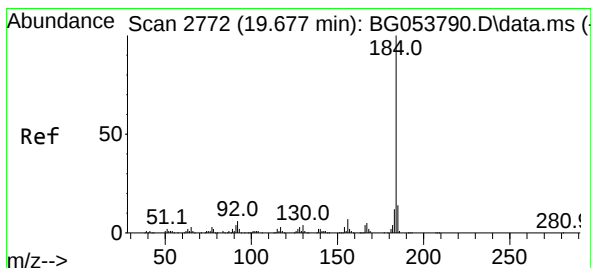
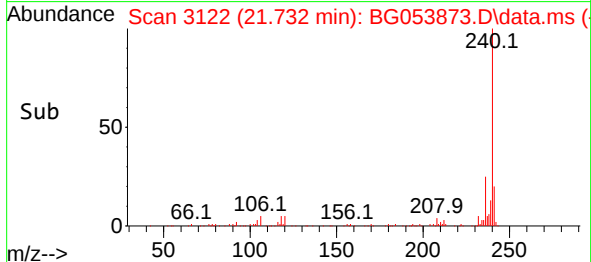
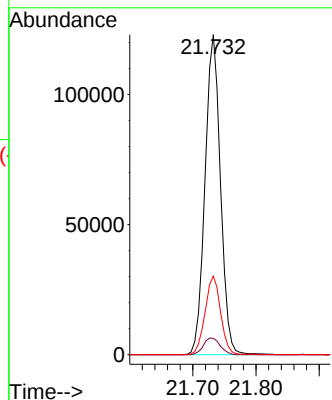
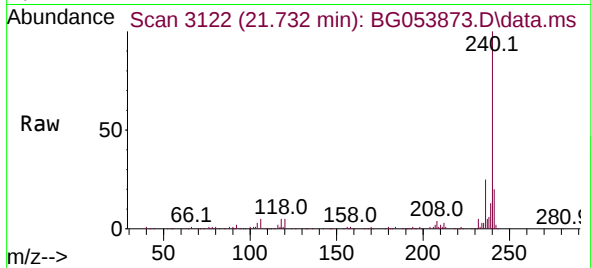




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.732 min Scan# 31
Delta R.T. -0.001 min
Lab File: BG053873.D
Acq: 10 Jun 2022 13:36

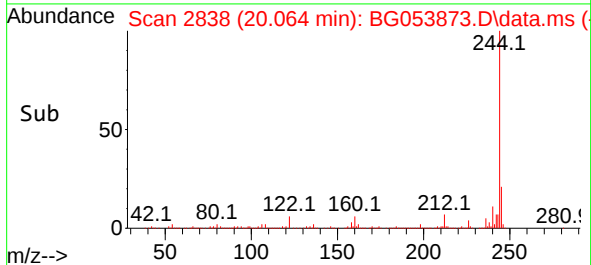
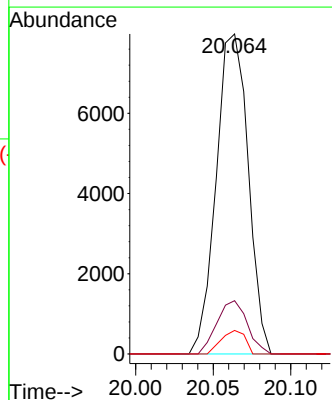
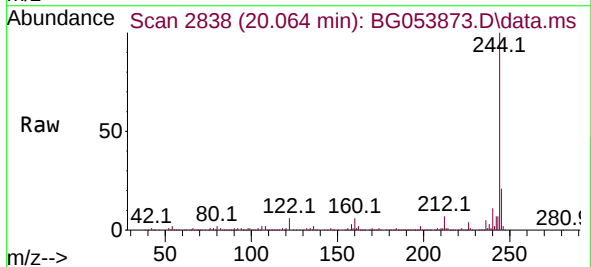
Instrument :
BNA_G
ClientSampleId :
PB145428BL

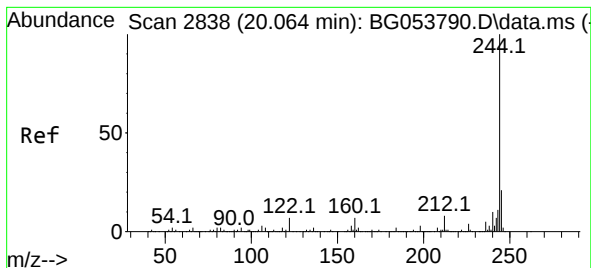
Tgt Ion:240 Resp: 208929
Ion Ratio Lower Upper
240 100
120 5.1 4.6 7.0
236 24.6 20.2 30.4



#77
Benzidine
Concen: 2.241 ng
RT: 20.064 min Scan# 2838
Delta R.T. 0.387 min
Lab File: BG053873.D
Acq: 10 Jun 2022 13:36

Tgt Ion:184 Resp: 11449
Ion Ratio Lower Upper
184 100
185 16.7 11.8 17.6
183 7.4 8.9 13.3#





#79

Terphenyl-d14

Concen: 88.220 ng

RT: 20.064 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG053873.D

Acq: 10 Jun 2022 13:36

Instrument :

BNA_G

ClientSampleId :

PB145428BL

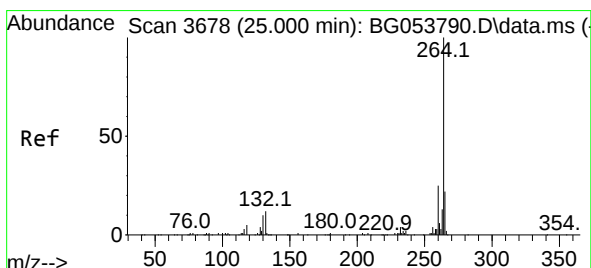
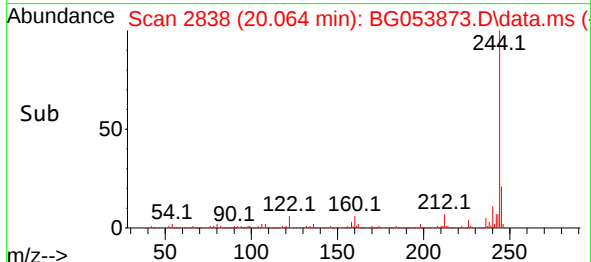
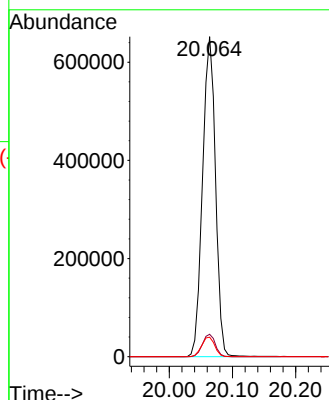
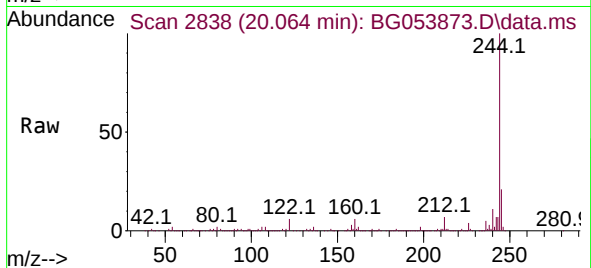
Tgt Ion:244 Resp: 926497

Ion Ratio Lower Upper

244 100

212 7.0 6.5 9.7

122 6.1 5.0 7.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.005 min Scan# 3679

Delta R.T. 0.005 min

Lab File: BG053873.D

Acq: 10 Jun 2022 13:36

Tgt Ion:264 Resp: 209031

Ion Ratio Lower Upper

264 100

260 22.8 19.0 28.6

265 21.8 17.4 26.2

