

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060822\
 Data File : BG053847.D
 Acq On : 8 Jun 2022 10:52
 Operator : CG/JU
 Sample : PB145399BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB145399BL

Quant Time: Jun 08 12:59:32 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)

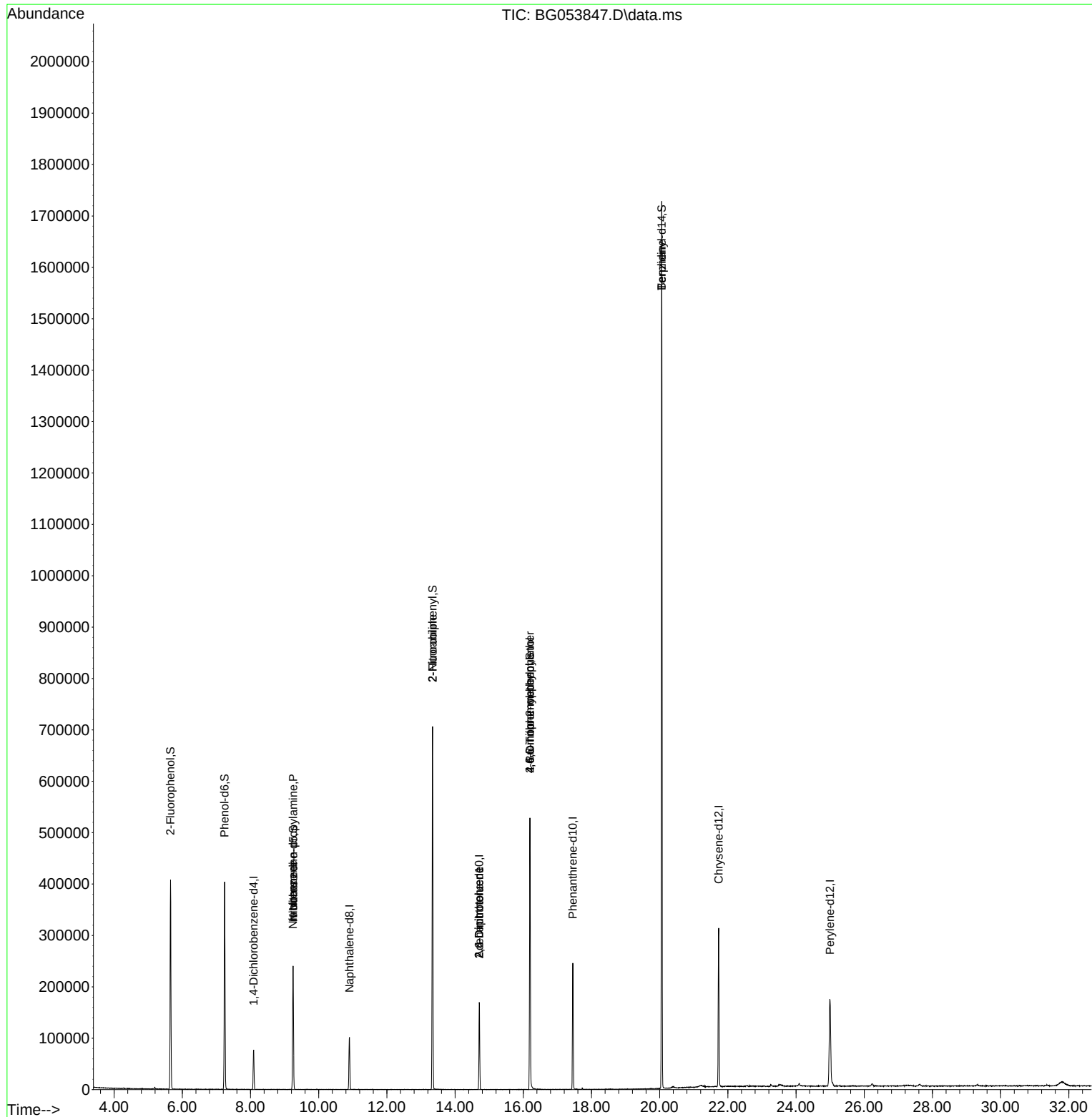
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	24802	20.000	ng	0.00
21) Naphthalene-d8	10.902	136	97042	20.000	ng	0.00
39) Acenaphthene-d10	14.709	164	68938	20.000	ng	0.00
64) Phenanthrene-d10	17.453	188	178650	20.000	ng	0.00
76) Chrysene-d12	21.730	240	219805	20.000	ng	0.00
86) Perylene-d12	24.991	264	219449	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.655	112	189201	140.085	ng	0.00
7) Phenol-d6	7.241	99	240867	131.654	ng	0.00
23) Nitrobenzene-d5	9.251	82	156284	105.757	ng	0.00
42) 2,4,6-Tribromophenol	16.196	330	130979	156.522	ng	0.00
45) 2-Fluorobiphenyl	13.340	172	413893	89.818	ng	0.00
79) Terphenyl-d14	20.062	244	956533	86.574	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.251	70	20622	15.915	ng	# 81
24) Nitrobenzene	9.245	77	504	3.259	ng	# 48
48) 2-Nitroaniline	13.340	65	451	5.456	ng	# 1
51) 2,6-Dinitrotoluene	14.709	165	9053	13.193	ng	# 16
57) 2,4-Dinitrotoluene	14.709	165	9053	11.061	ng	# 21
65) 4,6-Dinitro-2-methylph...	16.196	198	190	5.848	ng	# 1
67) 4-Bromophenyl-phenylether	16.196	248	8435	4.346	ng	# 1
77) Benzidine	20.062	184	12304	2.289	ng	# 95

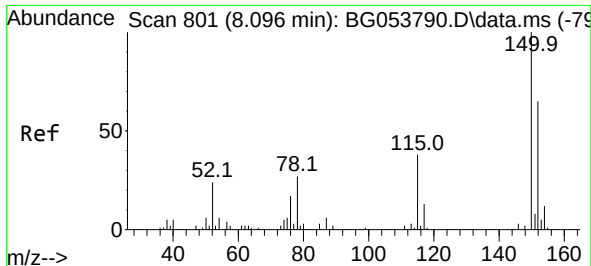
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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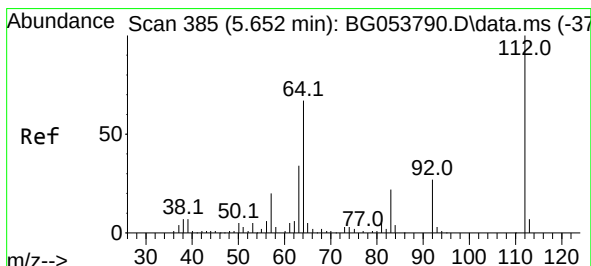
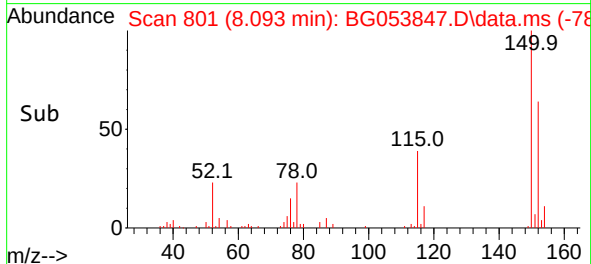
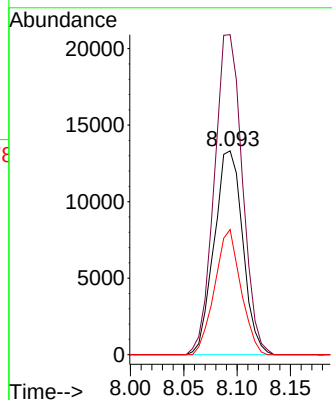
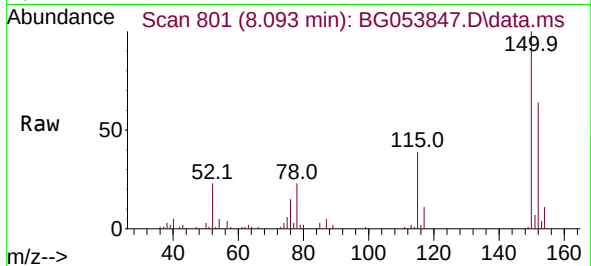




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.093 min Scan# 801
Delta R.T. -0.003 min
Lab File: BG053847.D
Acq: 8 Jun 2022 10:52

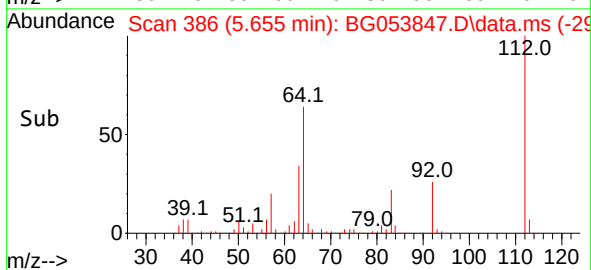
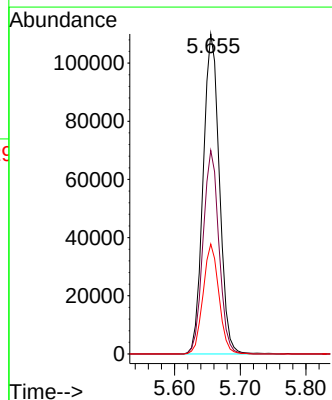
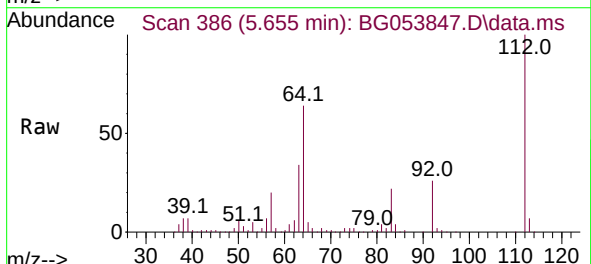
Instrument :
BNA_G
ClientSampleId :
PB145399BL

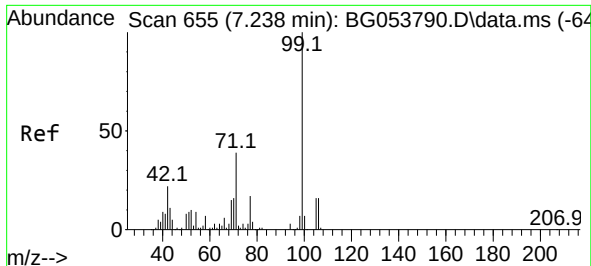
Tgt Ion:152 Resp: 24802
Ion Ratio Lower Upper
152 100
150 156.9 131.6 197.4
115 61.4 50.9 76.3



#5
2-Fluorophenol
Concen: 140.085 ng
RT: 5.655 min Scan# 386
Delta R.T. 0.003 min
Lab File: BG053847.D
Acq: 8 Jun 2022 10:52

Tgt Ion:112 Resp: 189201
Ion Ratio Lower Upper
112 100
64 63.6 55.1 82.7
63 34.4 30.4 45.6

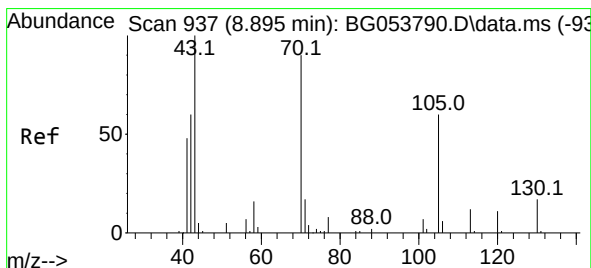
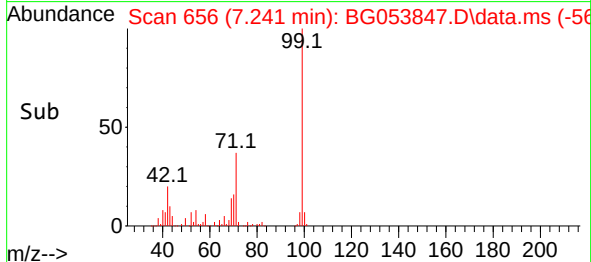
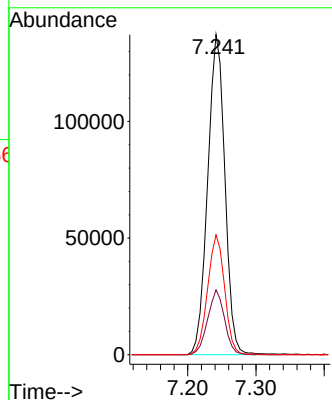
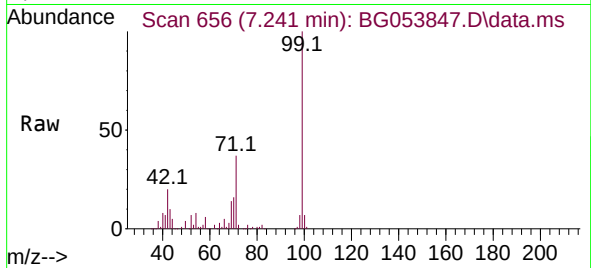




#7
Phenol-d6
Concen: 131.654 ng
RT: 7.241 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG053847.D
Acq: 8 Jun 2022 10:52

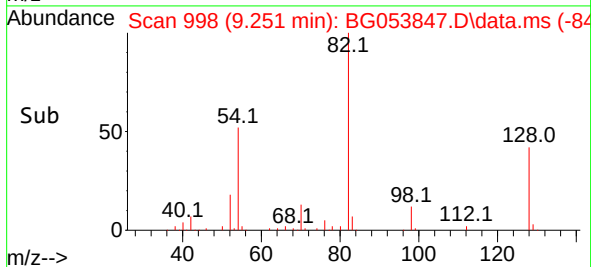
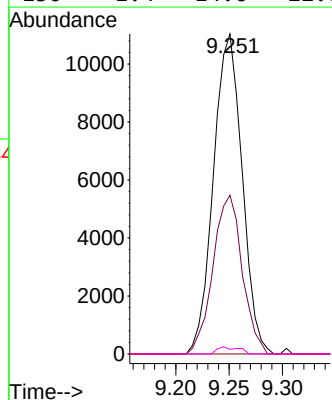
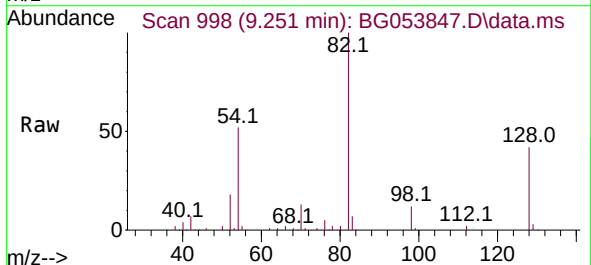
Instrument :
BNA_G
ClientSampleId :
PB145399BL

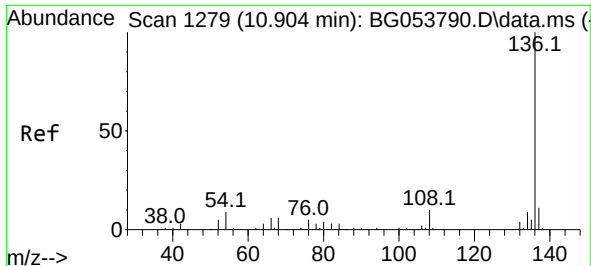
Tgt Ion: 99 Resp: 240867
Ion Ratio Lower Upper
99 100
42 20.2 17.0 25.6
71 37.4 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 15.915 ng
RT: 9.251 min Scan# 998
Delta R.T. 0.356 min
Lab File: BG053847.D
Acq: 8 Jun 2022 10:52

Tgt Ion: 70 Resp: 20622
Ion Ratio Lower Upper
70 100
42 49.6 47.3 70.9
101 0.0 7.0 10.4#
130 1.4 14.6 22.0#





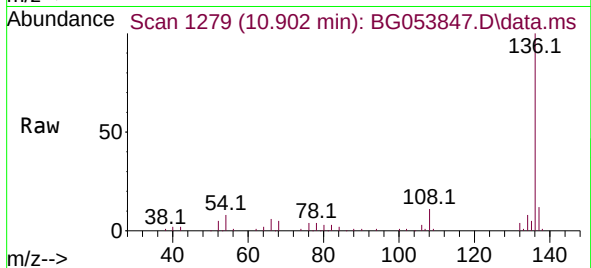
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.902 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG053847.D
Acq: 8 Jun 2022 10:52

Instrument :

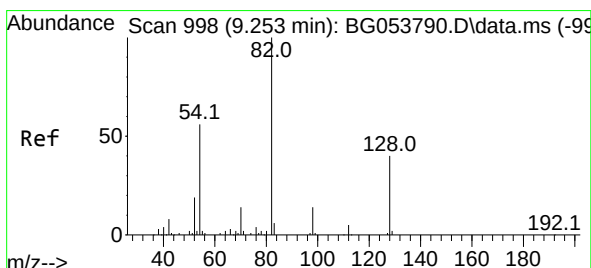
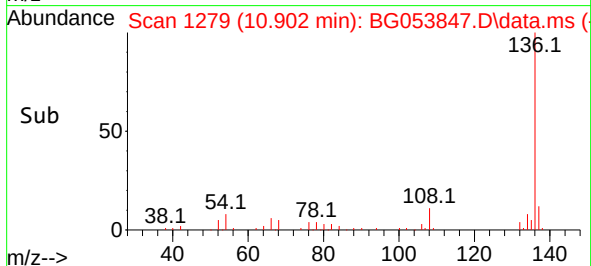
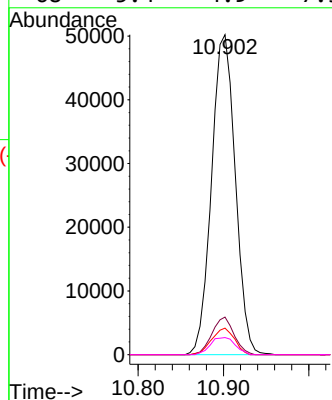
BNA_G

ClientSampleId :

PB145399BL

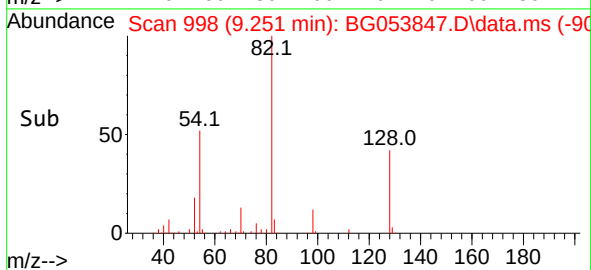
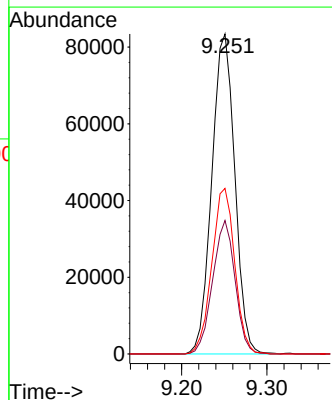
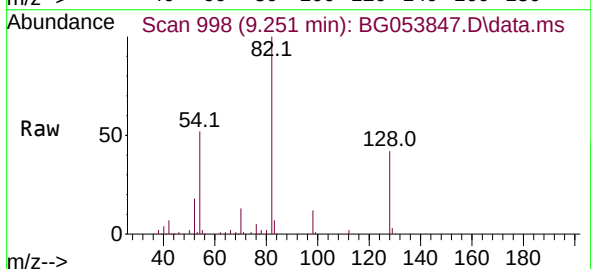


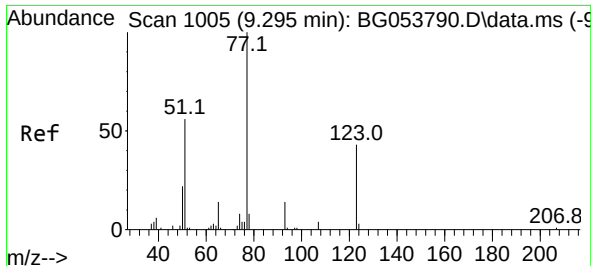
Tgt Ion:	136	Resp:	97042
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.5	12.7
54	8.3	7.4	11.2
68	5.4	4.9	7.3



#23
Nitrobenzene-d5
Concen: 105.757 ng
RT: 9.251 min Scan# 998
Delta R.T. -0.002 min
Lab File: BG053847.D
Acq: 8 Jun 2022 10:52

Tgt Ion:	82	Resp:	156284
Ion	Ratio	Lower	Upper
82	100		
128	41.7	27.9	41.9
54	51.7	41.2	61.8

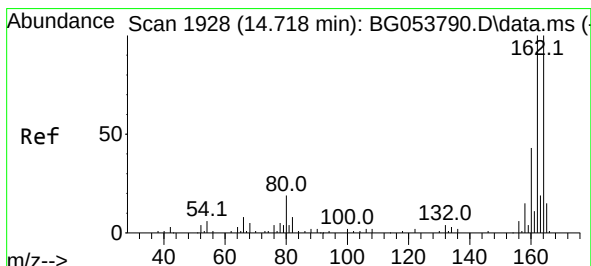
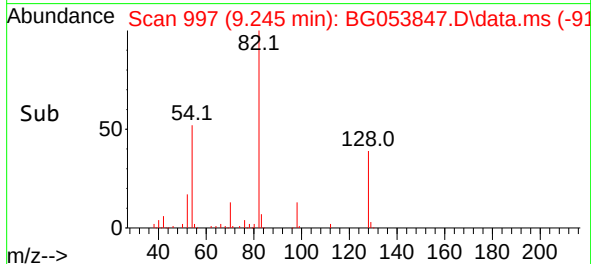
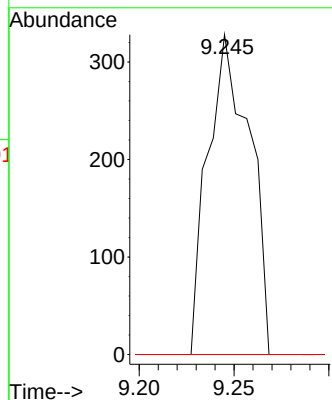
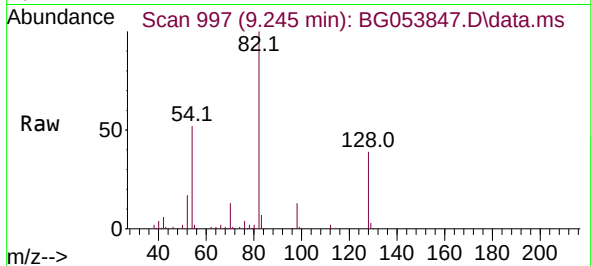




#24
Nitrobenzene
Concen: 3.259 ng
RT: 9.245 min Scan# 91
Delta R.T. -0.050 min
Lab File: BG053847.D
Acq: 8 Jun 2022 10:52

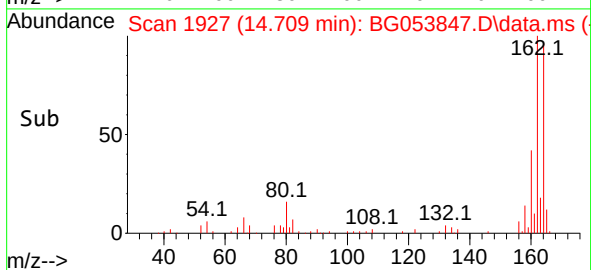
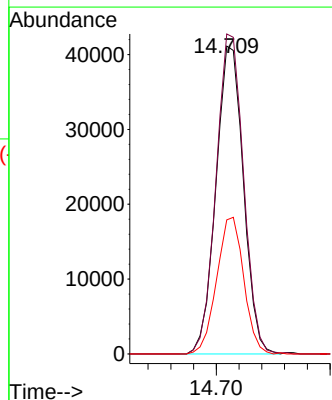
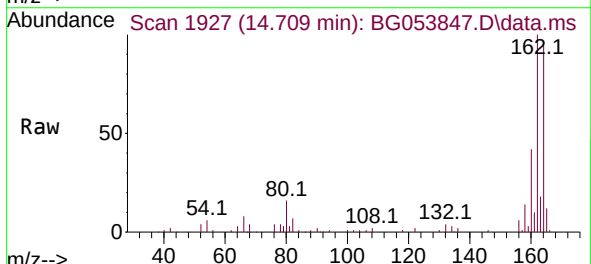
Instrument :
BNA_G
ClientSampleId :
PB145399BL

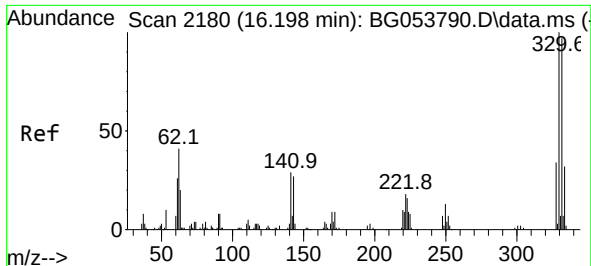
Tgt Ion: 77 Resp: 504
Ion Ratio Lower Upper
77 100
123 0.0 27.4 41.0#
65 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.709 min Scan# 1927
Delta R.T. -0.009 min
Lab File: BG053847.D
Acq: 8 Jun 2022 10:52

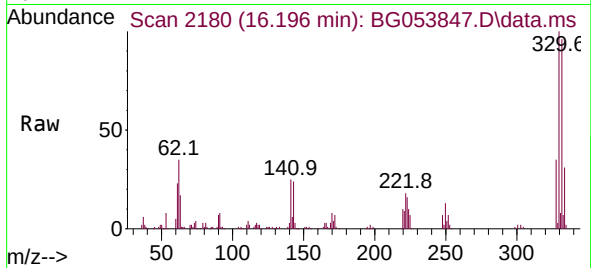
Tgt Ion:164 Resp: 68938
Ion Ratio Lower Upper
164 100
162 103.9 82.3 123.5
160 43.5 34.2 51.2



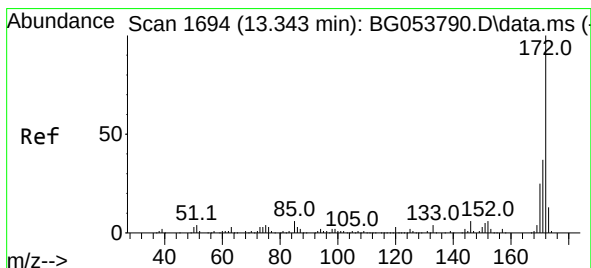
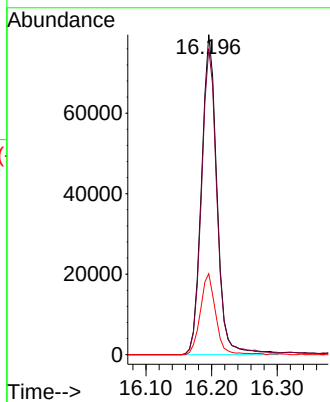
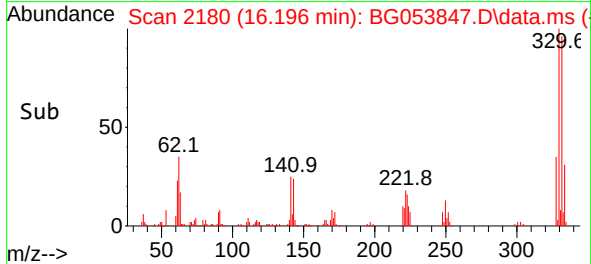


#42
2,4,6-Tribromophenol
Concen: 156.522 ng
RT: 16.196 min Scan# 2180
Delta R.T. -0.002 min
Lab File: BG053847.D
Acq: 8 Jun 2022 10:52

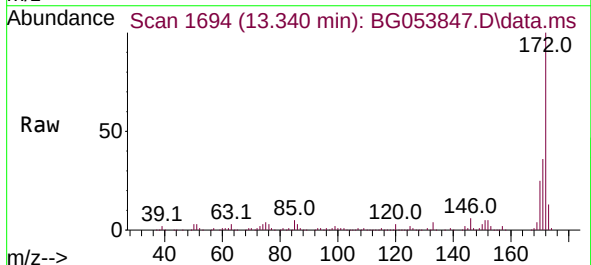
Instrument :
BNA_G
ClientSampleId :
PB145399BL



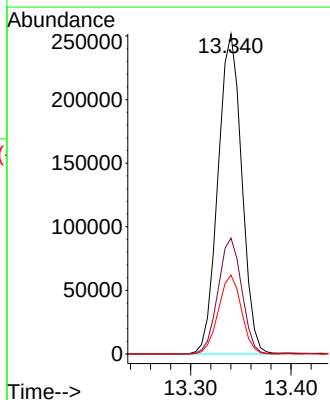
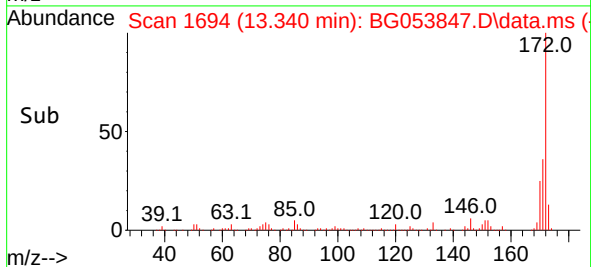
Tgt Ion:330 Resp: 130979
Ion Ratio Lower Upper
330 100
332 96.1 76.0 114.0
141 24.7 27.1 40.7#

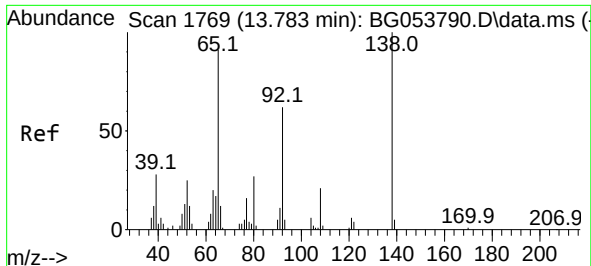


#45
2-Fluorobiphenyl
Concen: 89.818 ng
RT: 13.340 min Scan# 1694
Delta R.T. -0.003 min
Lab File: BG053847.D
Acq: 8 Jun 2022 10:52



Tgt Ion:172 Resp: 413893
Ion Ratio Lower Upper
172 100
171 36.2 28.5 42.7
170 24.7 18.9 28.3

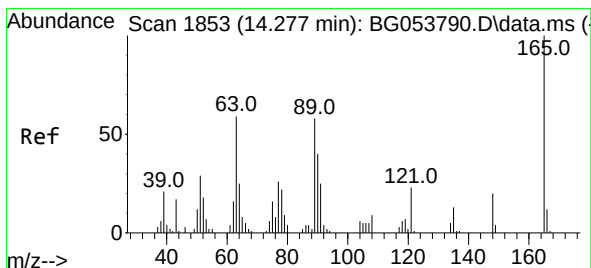
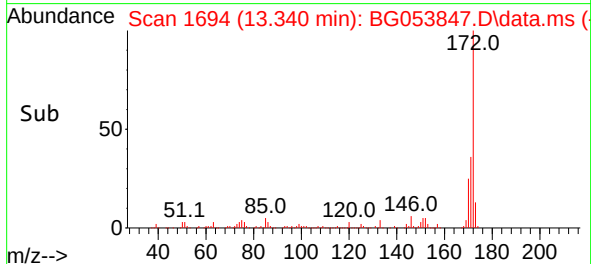
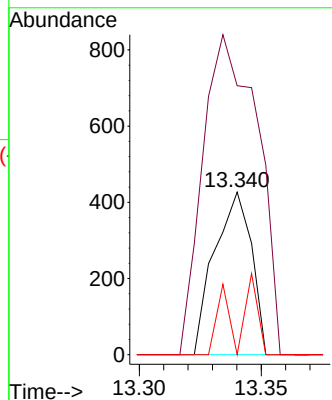
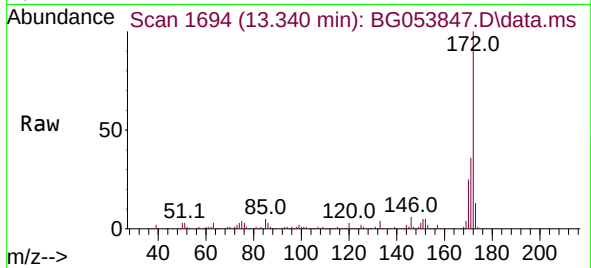




#48
2-Nitroaniline
Concen: 5.456 ng
RT: 13.340 min Scan# 1
Delta R.T. -0.443 min
Lab File: BG053847.D
Acq: 8 Jun 2022 10:52

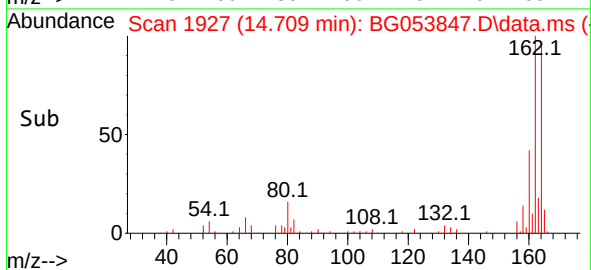
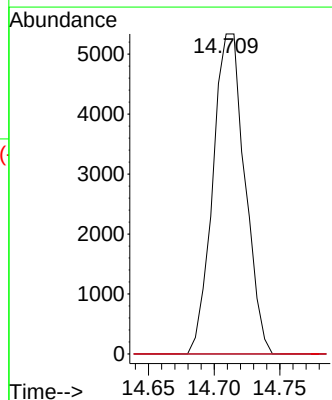
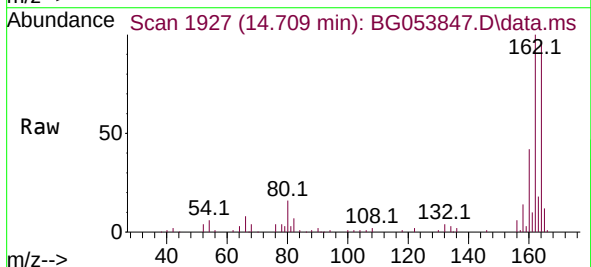
Instrument :
BNA_G
ClientSampleId :
PB145399BL

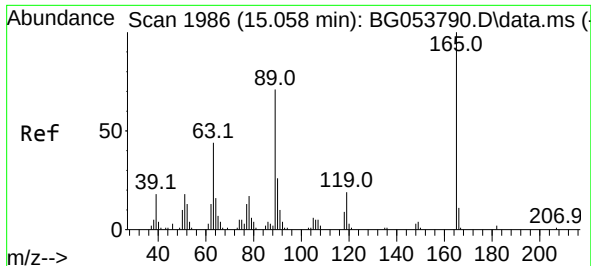
Tgt Ion: 65 Resp: 451
Ion Ratio Lower Upper
65 100
92 165.3 51.5 77.3#
138 0.0 71.3 106.9#



#51
2,6-Dinitrotoluene
Concen: 13.193 ng
RT: 14.709 min Scan# 1927
Delta R.T. 0.432 min
Lab File: BG053847.D
Acq: 8 Jun 2022 10:52

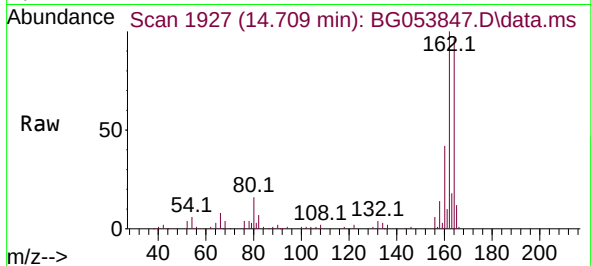
Tgt Ion: 165 Resp: 9053
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#



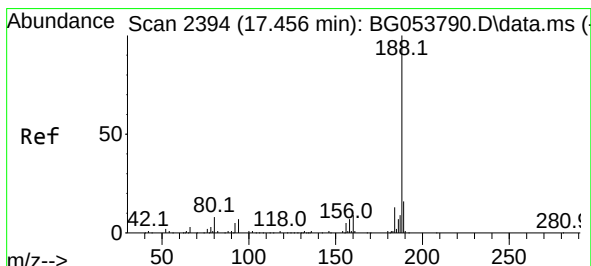
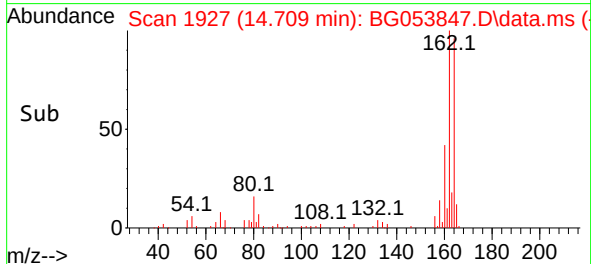
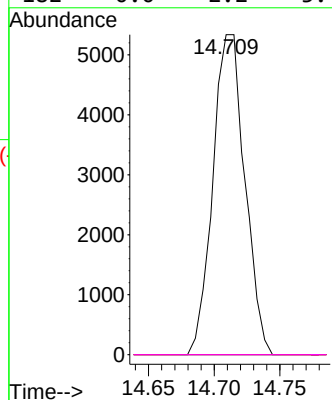


#57
2,4-Dinitrotoluene
Concen: 11.061 ng
RT: 14.709 min Scan# 1927
Delta R.T. -0.349 min
Lab File: BG053847.D
Acq: 8 Jun 2022 10:52

Instrument :
BNA_G
ClientSampleId :
PB145399BL

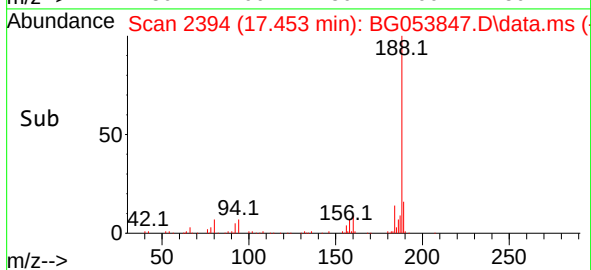
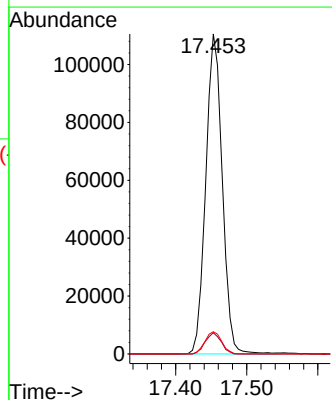
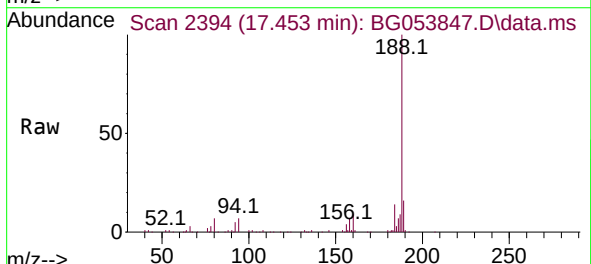


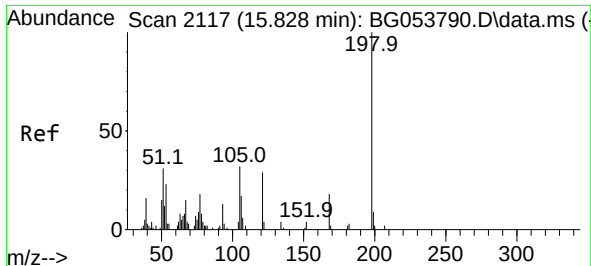
Tgt Ion:165 Resp: 9053
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.453 min Scan# 2394
Delta R.T. -0.003 min
Lab File: BG053847.D
Acq: 8 Jun 2022 10:52

Tgt Ion:188 Resp: 178650
Ion Ratio Lower Upper
188 100
94 6.6 5.4 8.0
80 6.9 6.8 10.2

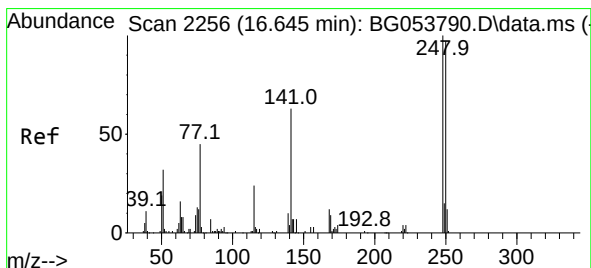
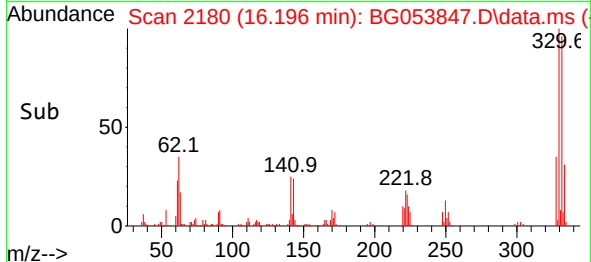
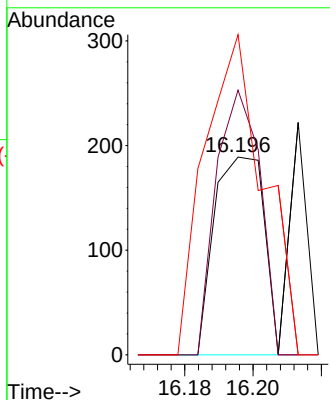
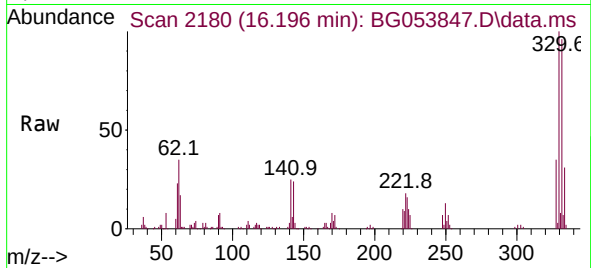




#65
4,6-Dinitro-2-methylphenol
Concen: 5.848 ng
RT: 16.196 min Scan# 2117
Delta R.T. 0.368 min
Lab File: BG053847.D
Acq: 8 Jun 2022 10:52

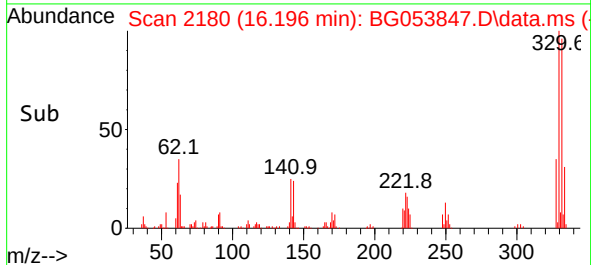
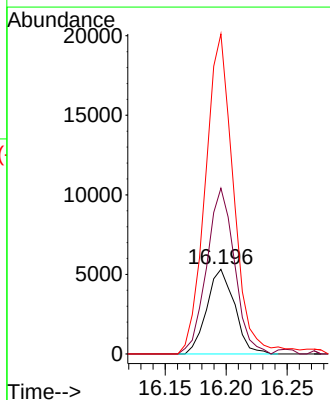
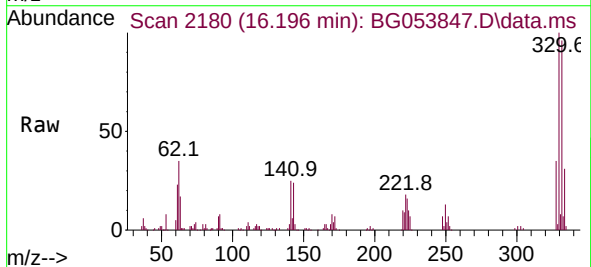
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ClientSampleId :
PB145399BL

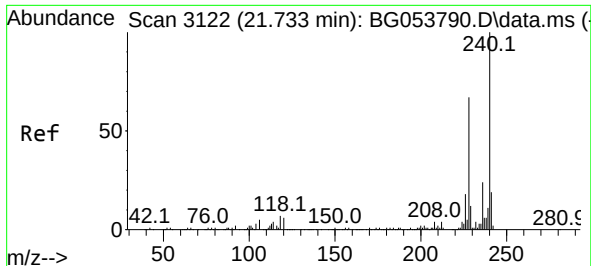
Tgt Ion:198 Resp: 190
Ion Ratio Lower Upper
198 100
51 133.9 28.1 68.1#
105 161.9 20.3 60.3#



#67
4-Bromophenyl-phenylether
Concen: 4.346 ng
RT: 16.196 min Scan# 2180
Delta R.T. -0.449 min
Lab File: BG053847.D
Acq: 8 Jun 2022 10:52

Tgt Ion:248 Resp: 8435
Ion Ratio Lower Upper
248 100
250 194.5 75.2 112.8#
141 286.9 50.0 75.0#

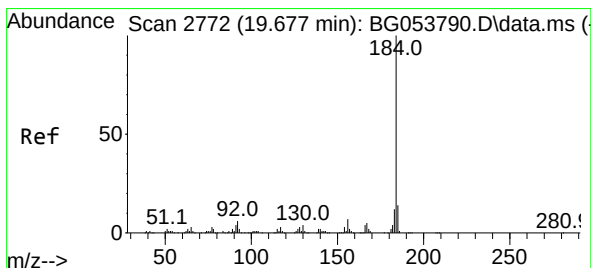
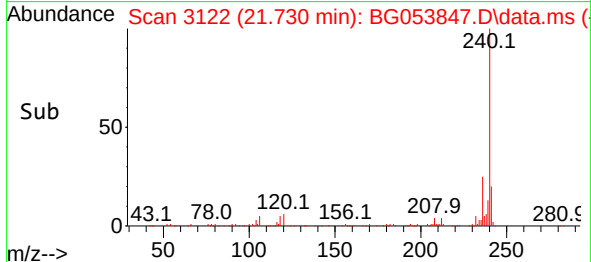
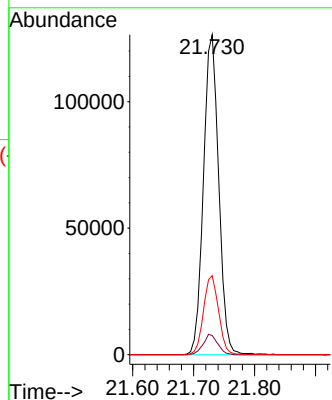
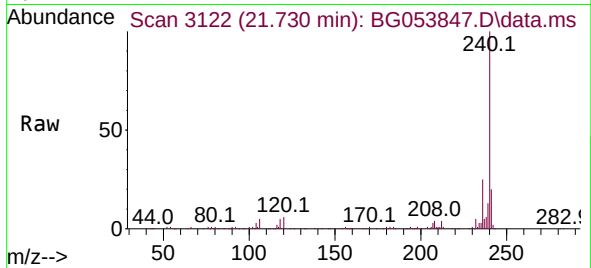




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.730 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG053847.D
Acq: 8 Jun 2022 10:52

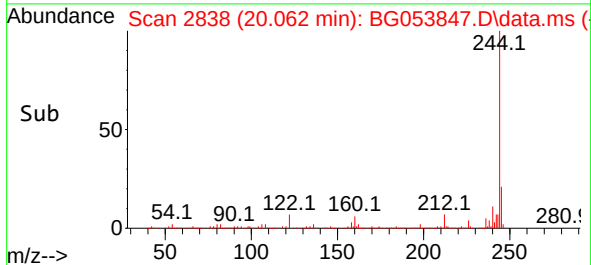
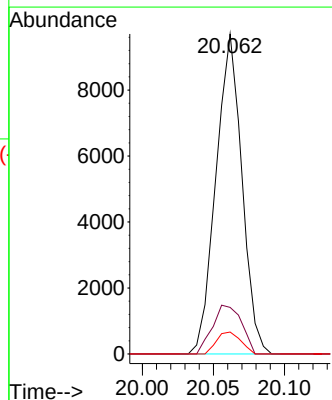
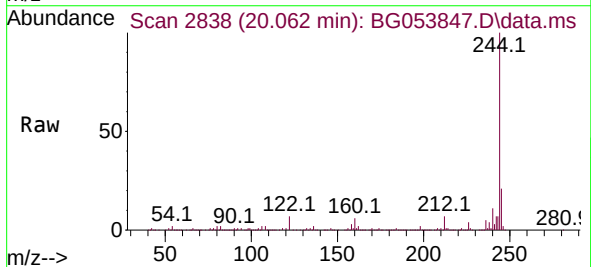
Instrument :
BNA_G
ClientSampleId :
PB145399BL

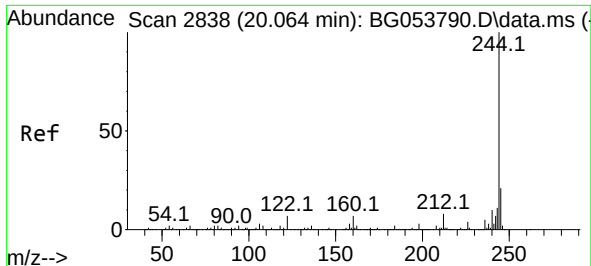
Tgt Ion:240 Resp: 219805
Ion Ratio Lower Upper
240 100
120 6.0 4.6 7.0
236 24.7 20.2 30.4



#77
Benzidine
Concen: 2.289 ng
RT: 20.062 min Scan# 2838
Delta R.T. 0.385 min
Lab File: BG053847.D
Acq: 8 Jun 2022 10:52

Tgt Ion:184 Resp: 12304
Ion Ratio Lower Upper
184 100
185 14.5 11.8 17.6
183 6.9 8.9 13.3#

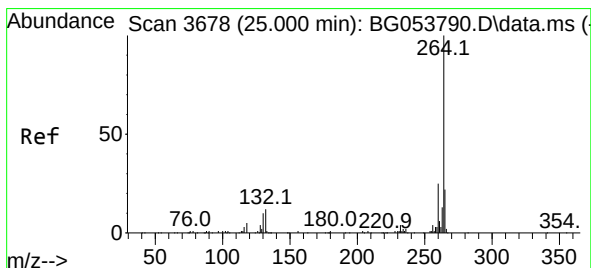
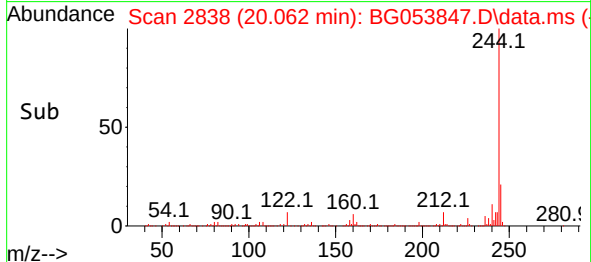
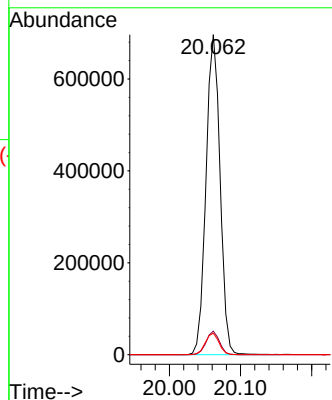
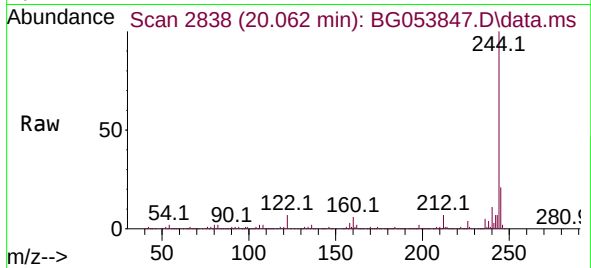




#79
 Terphenyl-d14
 Concen: 86.574 ng
 RT: 20.062 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG053847.D
 Acq: 8 Jun 2022 10:52

Instrument :
 BNA_G
 ClientSampleId :
 PB145399BL

Tgt Ion:244 Resp: 956533
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.5 9.7
 122 6.7 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.991 min Scan# 3677
 Delta R.T. -0.009 min
 Lab File: BG053847.D
 Acq: 8 Jun 2022 10:52

Tgt Ion:264 Resp: 219449
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.0 28.6
 265 21.0 17.4 26.2

