

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060222\
 Data File : BG053795.D
 Acq On : 2 Jun 2022 17:06
 Operator : CG/JU
 Sample : PB145265BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB145265BL

Quant Time: Jun 03 02:27:25 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)

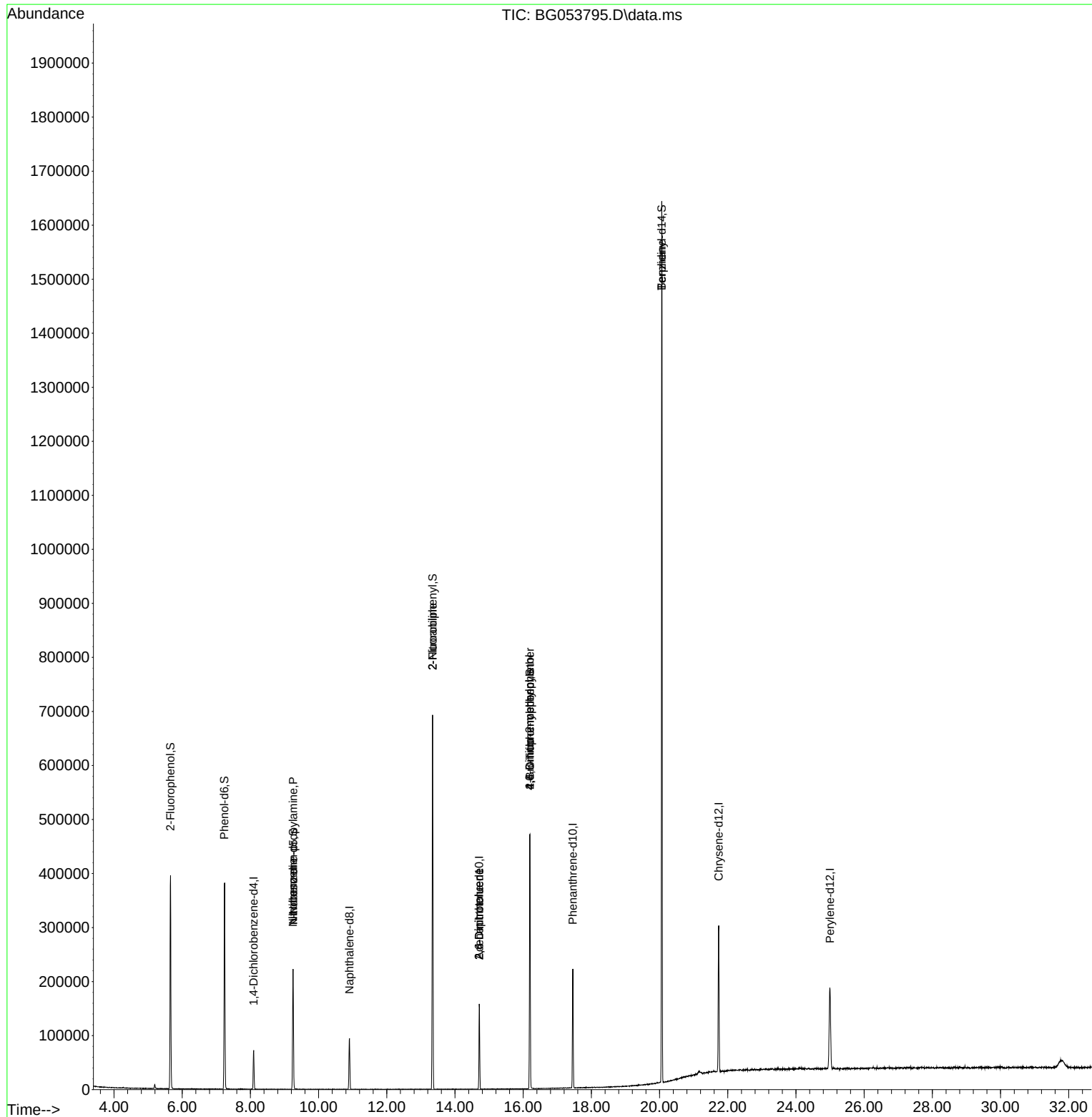
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.095	152	21975	20.000	ng	0.00
21) Naphthalene-d8	10.903	136	86834	20.000	ng	0.00
39) Acenaphthene-d10	14.711	164	60613	20.000	ng	0.00
64) Phenanthrene-d10	17.454	188	150837	20.000	ng	0.00
76) Chrysene-d12	21.732	240	187366	20.000	ng	# 0.00
86) Perylene-d12	24.993	264	180055	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.657	112	180091	150.494	ng	0.00
7) Phenol-d6	7.237	99	227038	140.060	ng	0.00
23) Nitrobenzene-d5	9.252	82	137453	103.949	ng	0.00
42) 2,4,6-Tribromophenol	16.197	330	103502	140.674	ng	0.00
45) 2-Fluorobiphenyl	13.342	172	383008	94.531	ng	0.00
79) Terphenyl-d14	20.063	244	898103	95.358	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.252	70	18867	16.433	ng	# 85
24) Nitrobenzene	9.246	77	547	3.321	ng	# 48
48) 2-Nitroaniline	13.342	65	591	5.660	ng	# 9
51) 2,6-Dinitrotoluene	14.711	165	8185	13.452	ng	# 16
57) 2,4-Dinitrotoluene	14.711	165	8185	11.249	ng	# 21
65) 4,6-Dinitro-2-methylph...	16.191	198	263	6.005	ng	# 80
67) 4-Bromophenyl-phenylether	16.197	248	6778	4.136	ng	# 1
77) Benzidine	20.063	184	13084	2.856	ng	# 96

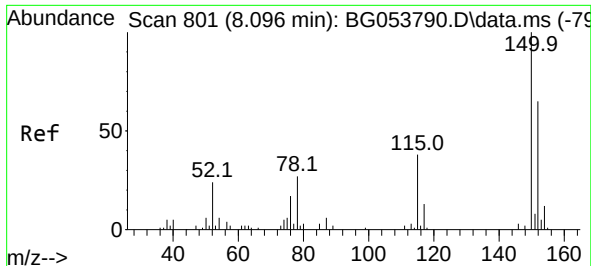
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060222\
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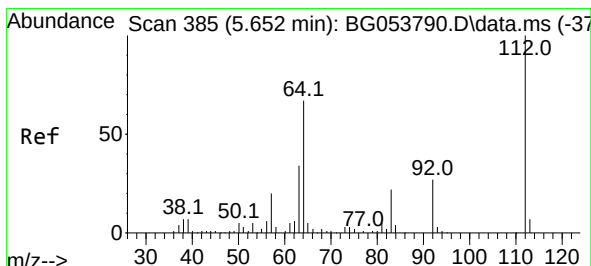
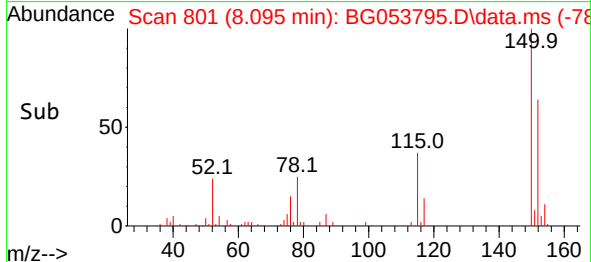
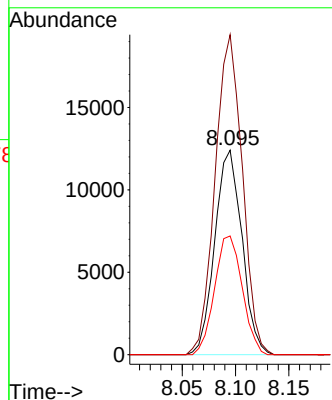
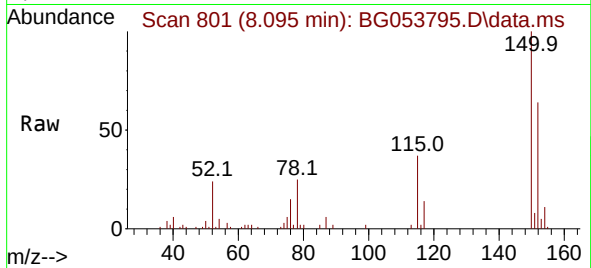




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.095 min Scan# 801
Delta R.T. -0.001 min
Lab File: BG053795.D
Acq: 2 Jun 2022 17:06

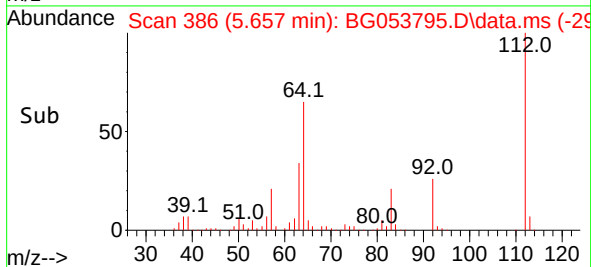
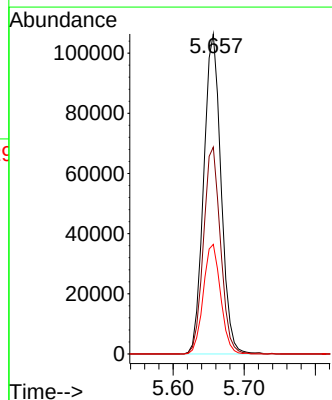
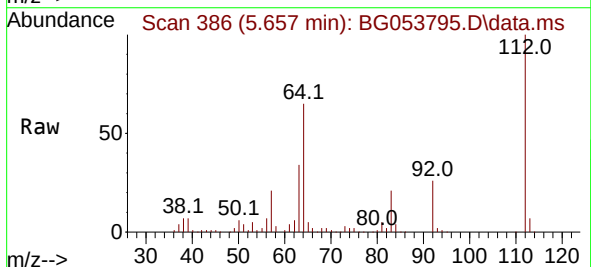
Instrument :
BNA_G
ClientSampleId :
PB145265BL

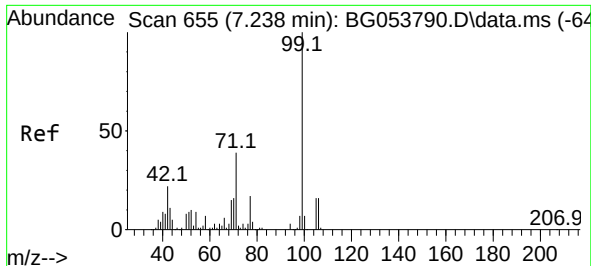
Tgt Ion:152 Resp: 21975
Ion Ratio Lower Upper
152 100
150 156.4 131.6 197.4
115 58.1 50.9 76.3



#5
2-Fluorophenol
Concen: 150.494 ng
RT: 5.657 min Scan# 386
Delta R.T. 0.005 min
Lab File: BG053795.D
Acq: 2 Jun 2022 17:06

Tgt Ion:112 Resp: 180091
Ion Ratio Lower Upper
112 100
64 64.6 55.1 82.7
63 34.3 30.4 45.6

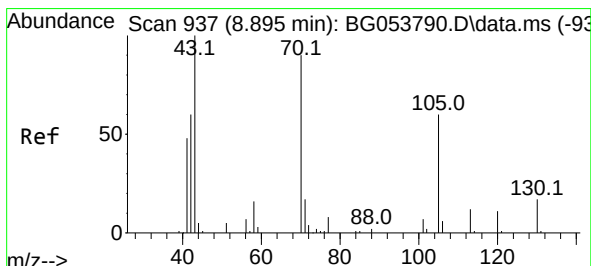
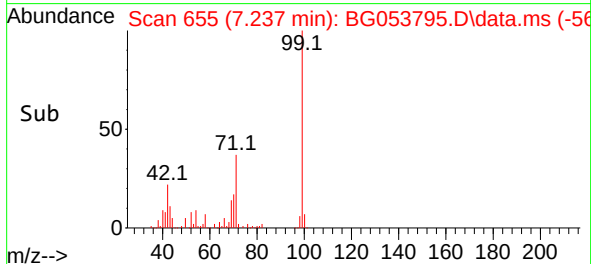
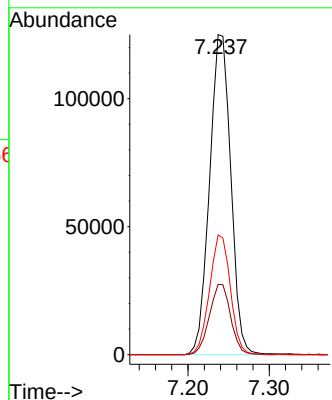
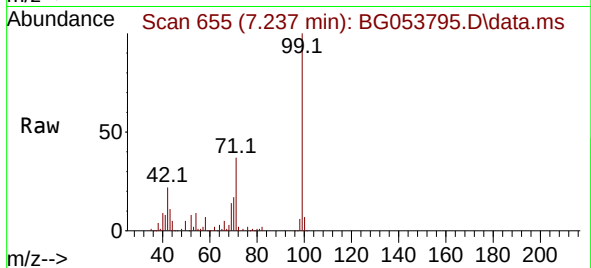




#7
Phenol-d6
Concen: 140.060 ng
RT: 7.237 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG053795.D
Acq: 2 Jun 2022 17:06

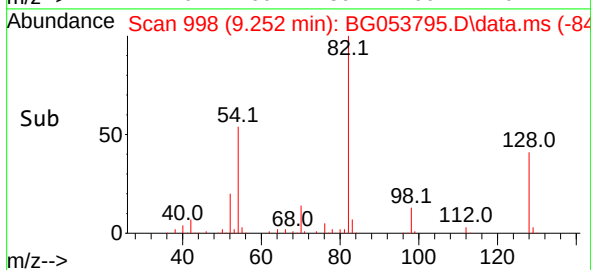
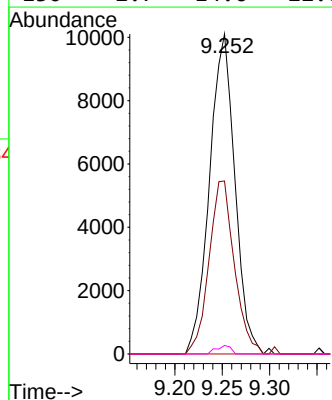
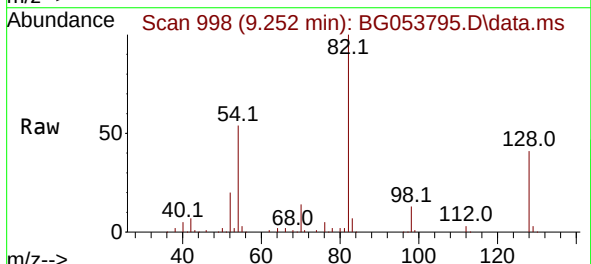
Instrument :
BNA_G
ClientSampleId :
PB145265BL

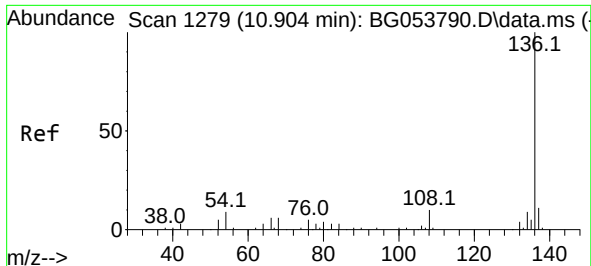
Tgt Ion: 99 Resp: 227038
Ion Ratio Lower Upper
99 100
42 21.9 17.0 25.6
71 37.4 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 16.433 ng
RT: 9.252 min Scan# 998
Delta R.T. 0.357 min
Lab File: BG053795.D
Acq: 2 Jun 2022 17:06

Tgt Ion: 70 Resp: 18867
Ion Ratio Lower Upper
70 100
42 54.0 47.3 70.9
101 0.0 7.0 10.4#
130 2.7 14.6 22.0#

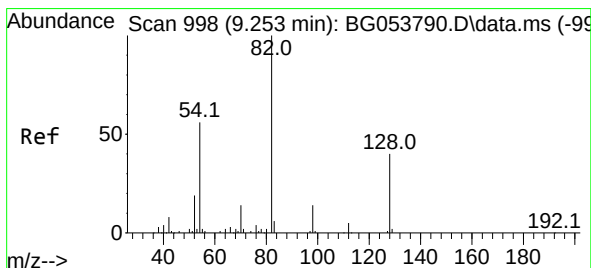
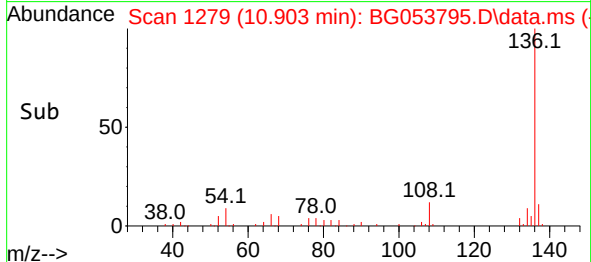
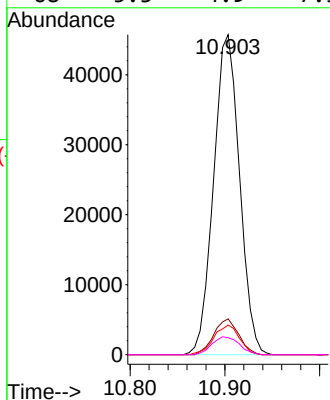
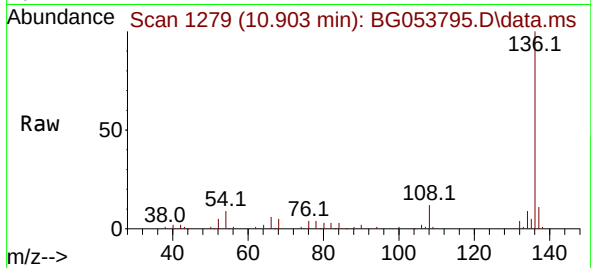




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.903 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG053795.D
Acq: 2 Jun 2022 17:06

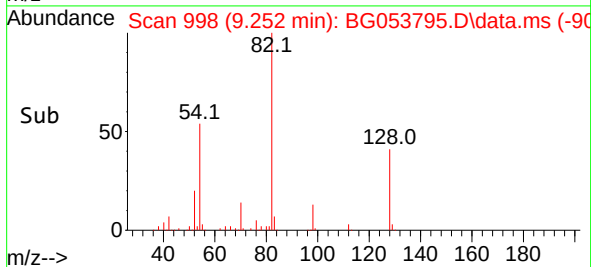
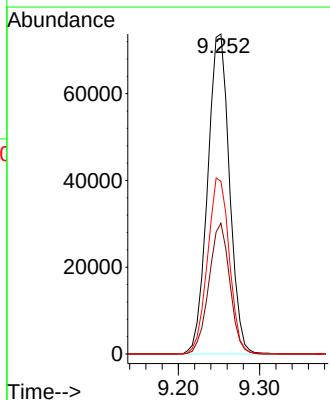
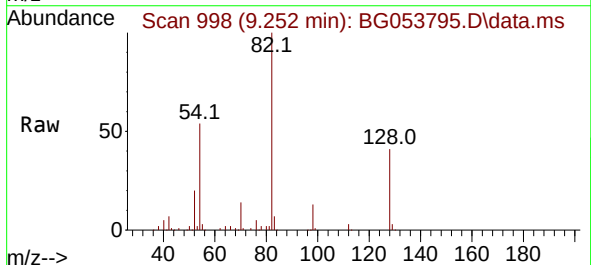
Instrument :
BNA_G
ClientSampleId :
PB145265BL

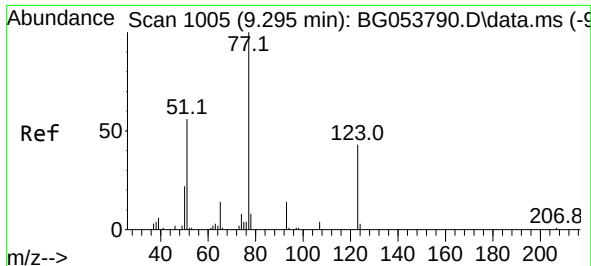
Tgt Ion:	136	Resp:	86834
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.5	12.7
54	9.2	7.4	11.2
68	5.3	4.9	7.3



#23
Nitrobenzene-d5
Concen: 103.949 ng
RT: 9.252 min Scan# 998
Delta R.T. -0.001 min
Lab File: BG053795.D
Acq: 2 Jun 2022 17:06

Tgt Ion:	82	Resp:	137453
Ion Ratio	Lower	Upper	
82	100		
128	40.8	27.9	41.9
54	53.9	41.2	61.8

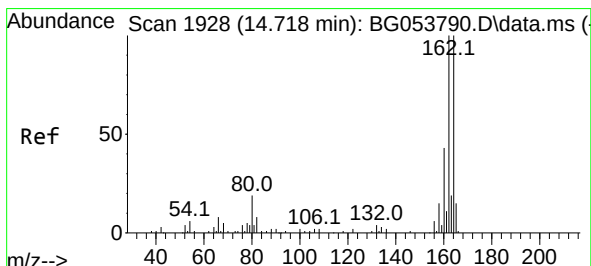
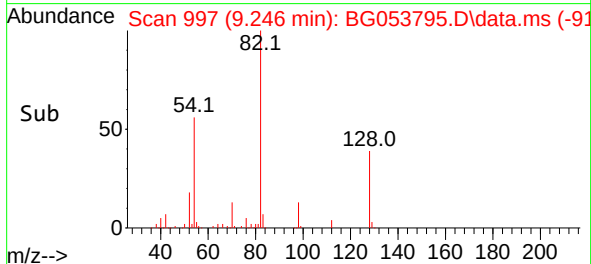
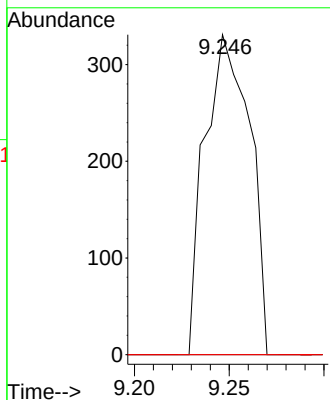
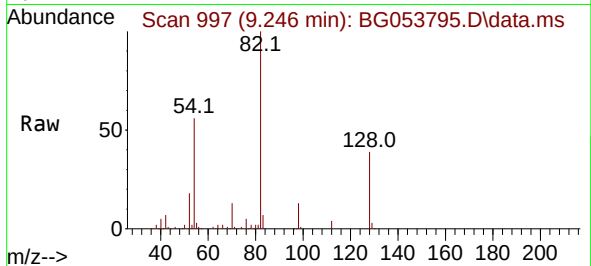




#24
Nitrobenzene
Concen: 3.321 ng
RT: 9.246 min Scan# 91
Delta R.T. -0.049 min
Lab File: BG053795.D
Acq: 2 Jun 2022 17:06

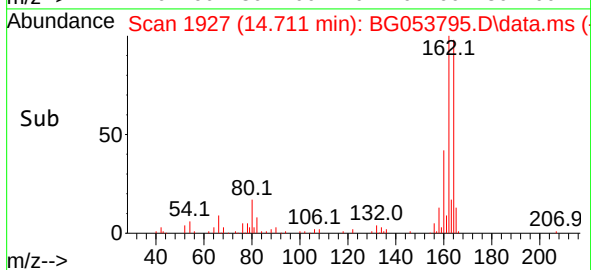
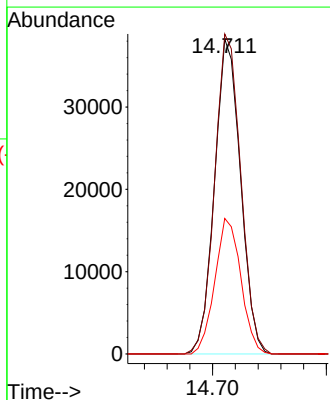
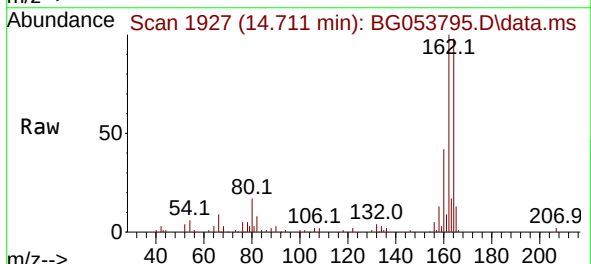
Instrument :
BNA_G
ClientSampleId :
PB145265BL

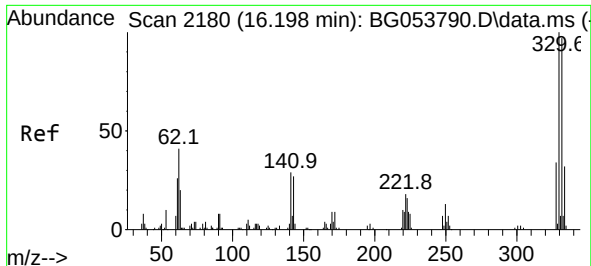
Tgt Ion: 77 Resp: 547
Ion Ratio Lower Upper
77 100
123 0.0 27.4 41.0#
65 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.711 min Scan# 1927
Delta R.T. -0.007 min
Lab File: BG053795.D
Acq: 2 Jun 2022 17:06

Tgt Ion: 164 Resp: 60613
Ion Ratio Lower Upper
164 100
162 101.6 82.3 123.5
160 43.0 34.2 51.2

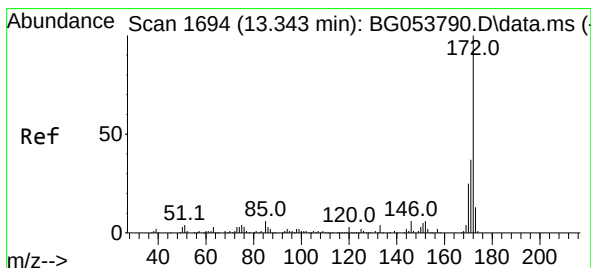
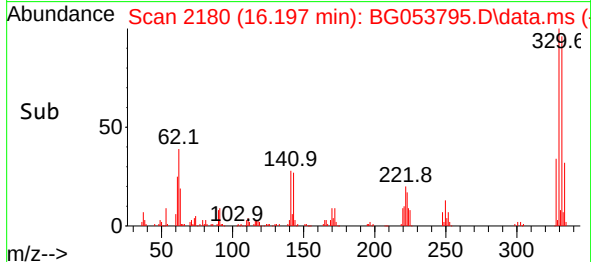
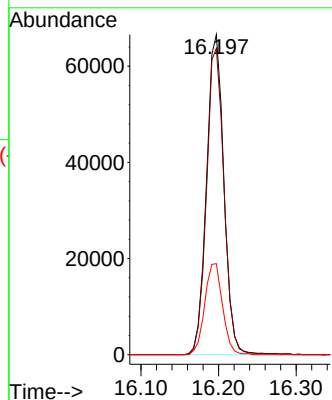
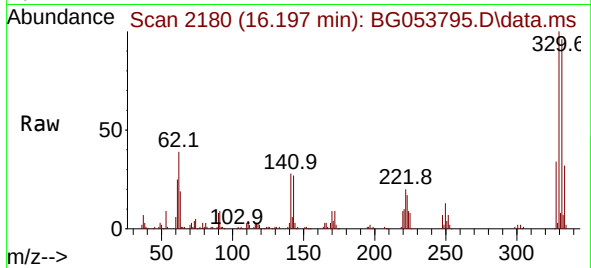




#42
2,4,6-Tribromophenol
Concen: 140.674 ng
RT: 16.197 min Scan# 2180
Delta R.T. -0.001 min
Lab File: BG053795.D
Acq: 2 Jun 2022 17:06

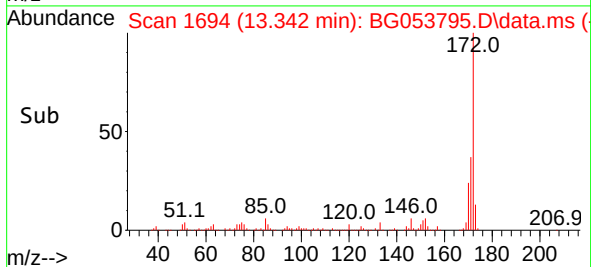
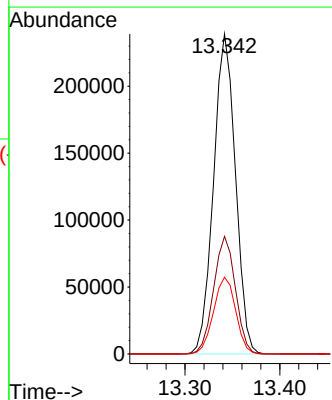
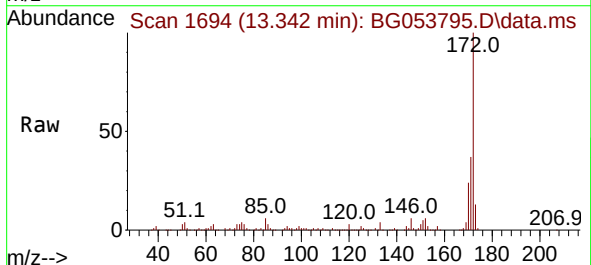
Instrument :
BNA_G
ClientSampleId :
PB145265BL

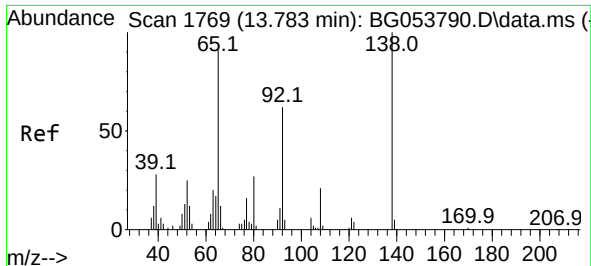
Tgt Ion:330 Resp: 103502
Ion Ratio Lower Upper
330 100
332 96.5 76.0 114.0
141 29.2 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 94.531 ng
RT: 13.342 min Scan# 1694
Delta R.T. -0.001 min
Lab File: BG053795.D
Acq: 2 Jun 2022 17:06

Tgt Ion:172 Resp: 383008
Ion Ratio Lower Upper
172 100
171 36.8 28.5 42.7
170 24.0 18.9 28.3

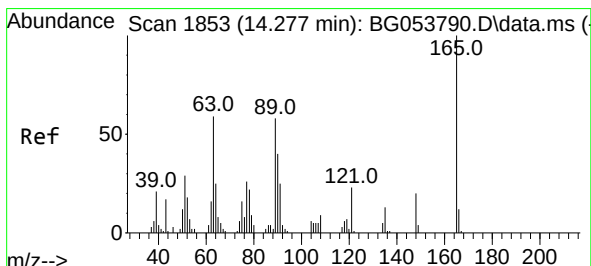
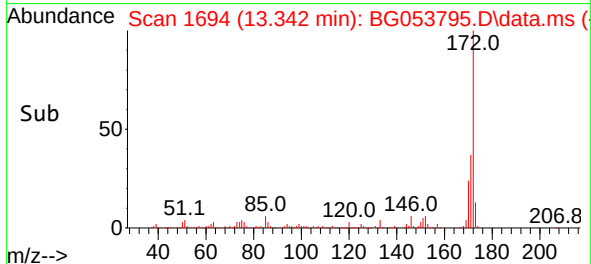
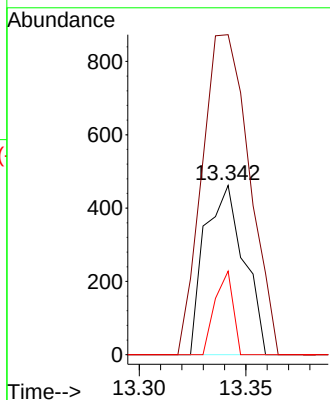
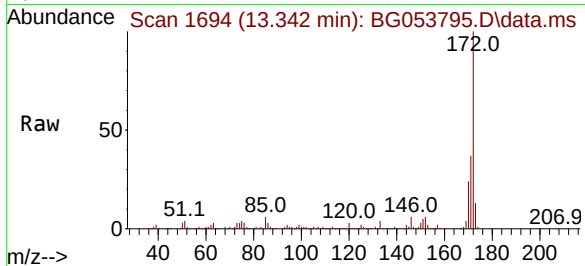




#48
2-Nitroaniline
Concen: 5.660 ng
RT: 13.342 min Scan# 1
Delta R.T. -0.441 min
Lab File: BG053795.D
Acq: 2 Jun 2022 17:06

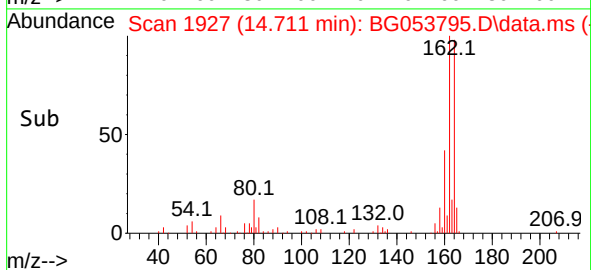
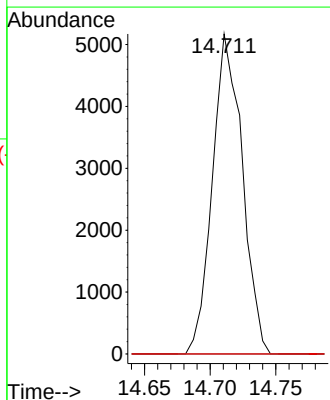
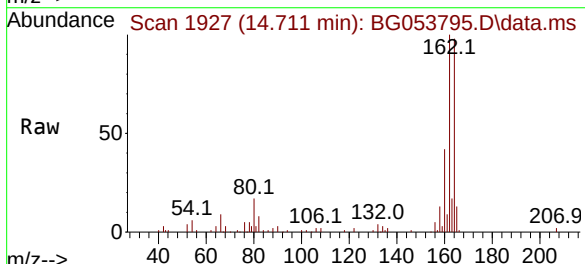
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ClientSampleId :
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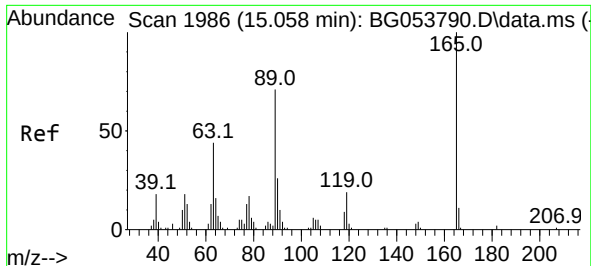
Tgt Ion: 65 Resp: 591
Ion Ratio Lower Upper
65 100
92 189.0 51.5 77.3#
138 49.4 71.3 106.9#



#51
2,6-Dinitrotoluene
Concen: 13.452 ng
RT: 14.711 min Scan# 1927
Delta R.T. 0.434 min
Lab File: BG053795.D
Acq: 2 Jun 2022 17:06

Tgt Ion:165 Resp: 8185
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: 11.249 ng

RT: 14.711 min Scan# 1986

Delta R.T. -0.347 min

Lab File: BG053795.D

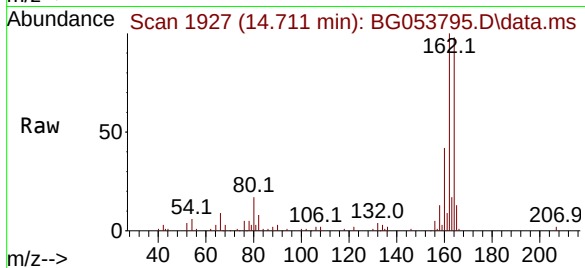
Acq: 2 Jun 2022 17:06

Instrument :

BNA_G

ClientSampleId :

PB145265BL



Tgt Ion:165 Resp: 8185

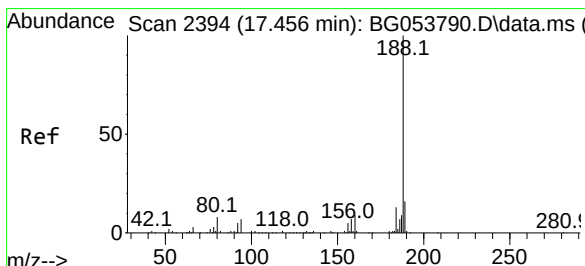
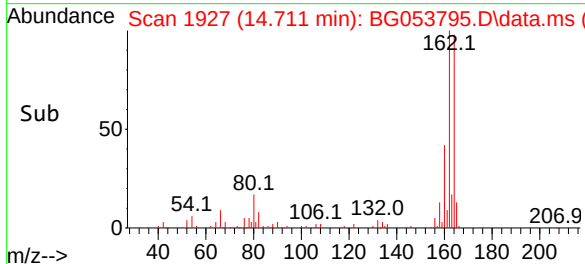
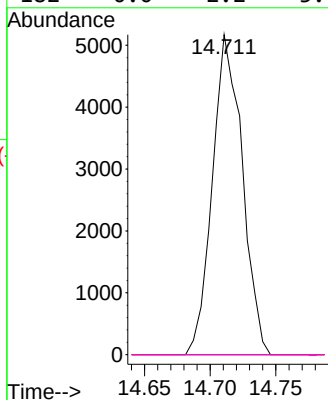
Ion Ratio Lower Upper

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: BG053795.D

Acq: 2 Jun 2022 17:06

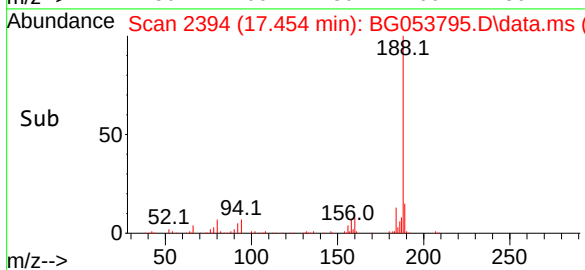
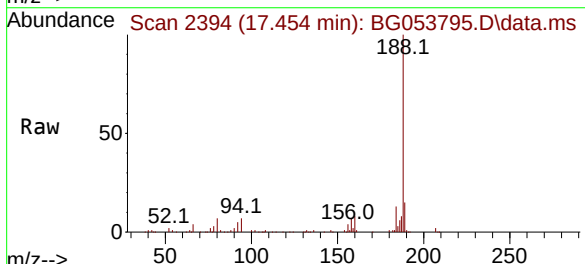
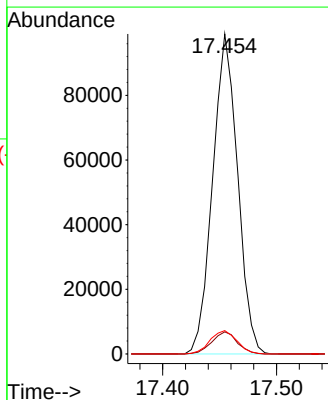
Tgt Ion:188 Resp: 150837

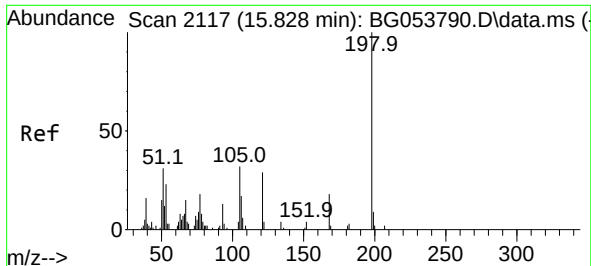
Ion Ratio Lower Upper

188 100

94 6.9 5.4 8.0

80 7.3 6.8 10.2

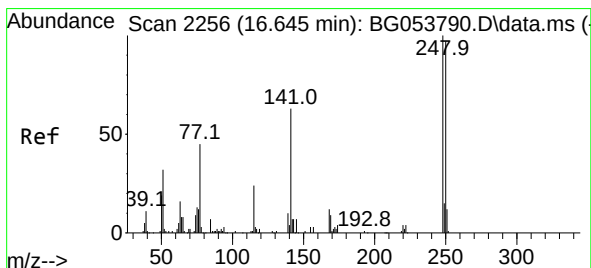
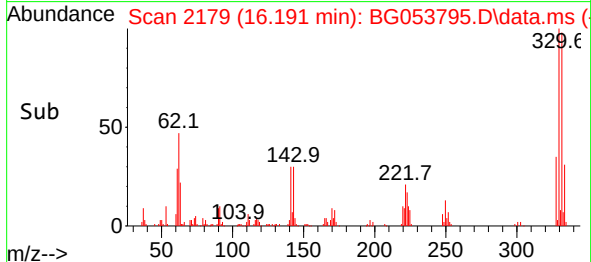
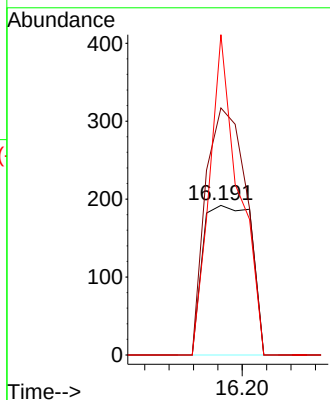
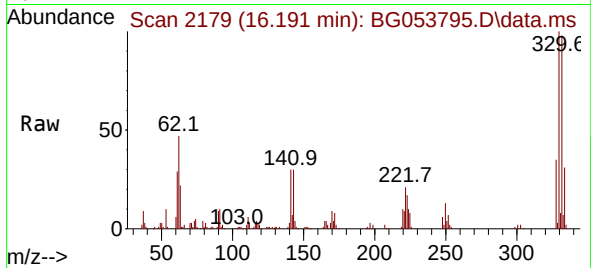




#65
4,6-Dinitro-2-methylphenol
Concen: 6.005 ng
RT: 16.191 min Scan# 2117
Delta R.T. 0.363 min
Lab File: BG053795.D
Acq: 2 Jun 2022 17:06

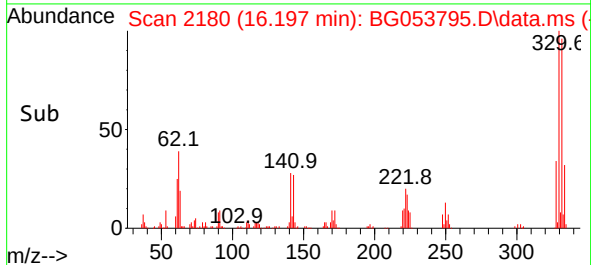
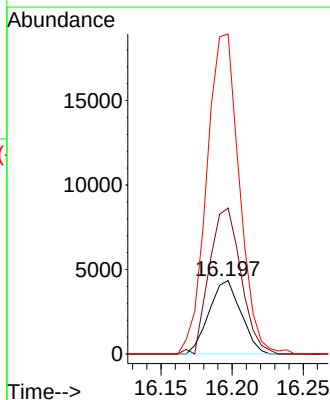
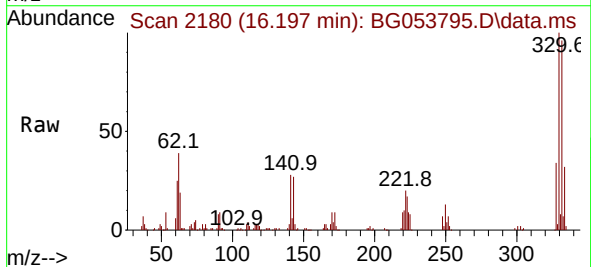
Instrument :
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ClientSampleId :
PB145265BL

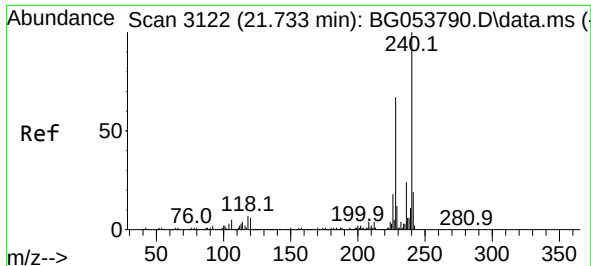
Tgt Ion:198 Resp: 263
Ion Ratio Lower Upper
198 100
51 27.3 28.1 68.1#
105 35.4 20.3 60.3



#67
4-Bromophenyl-phenylether
Concen: 4.136 ng
RT: 16.197 min Scan# 2180
Delta R.T. -0.448 min
Lab File: BG053795.D
Acq: 2 Jun 2022 17:06

Tgt Ion:248 Resp: 6778
Ion Ratio Lower Upper
248 100
250 197.6 75.2 112.8#
141 333.7 50.0 75.0#

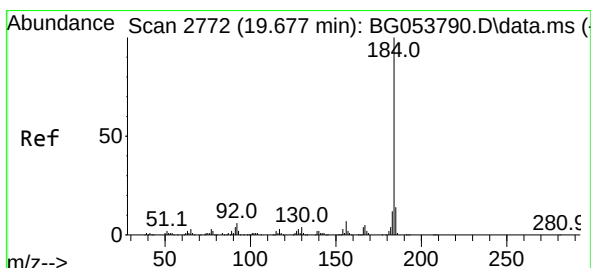
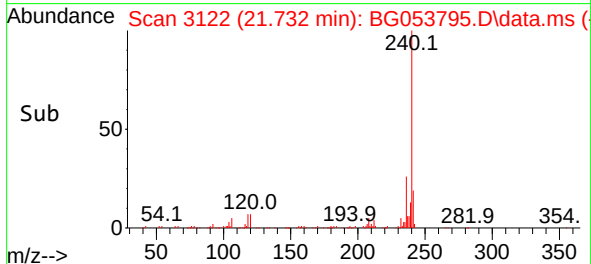
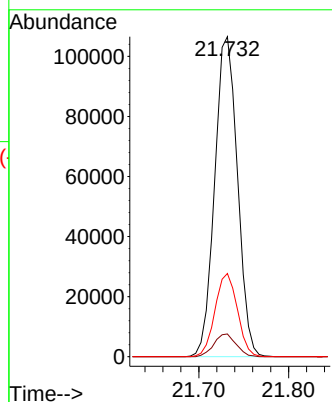
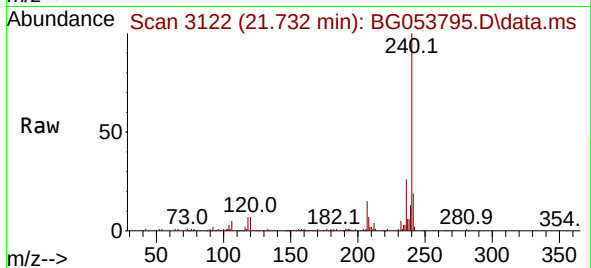




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.732 min Scan# 31
Delta R.T. -0.001 min
Lab File: BG053795.D
Acq: 2 Jun 2022 17:06

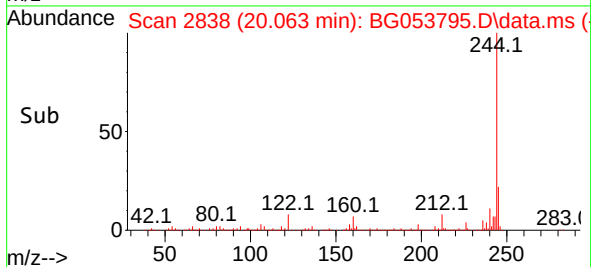
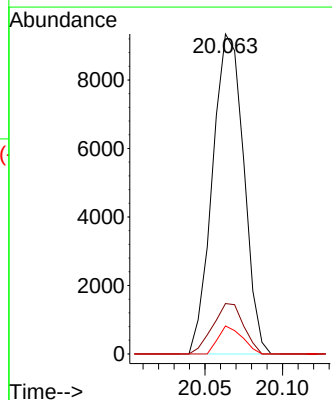
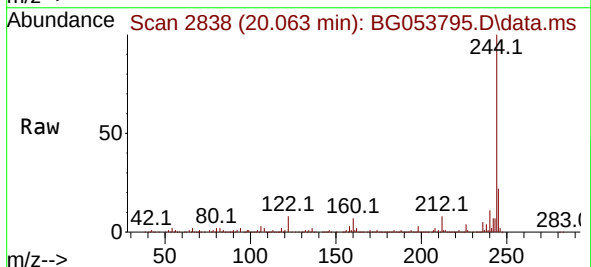
Instrument :
BNA_G
ClientSampleId :
PB145265BL

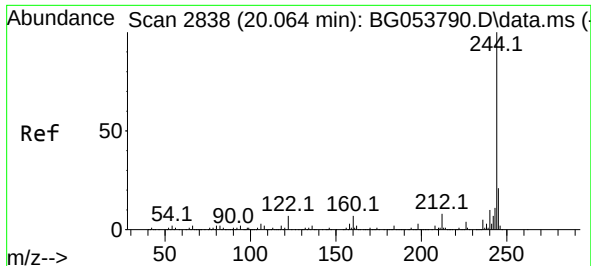
Tgt Ion:240 Resp: 187366
Ion Ratio Lower Upper
240 100
120 7.1 4.6 7.0#
236 26.0 20.2 30.4



#77
Benzidine
Concen: 2.856 ng
RT: 20.063 min Scan# 2838
Delta R.T. 0.387 min
Lab File: BG053795.D
Acq: 2 Jun 2022 17:06

Tgt Ion:184 Resp: 13084
Ion Ratio Lower Upper
184 100
185 15.8 11.8 17.6
183 8.8 8.9 13.3#

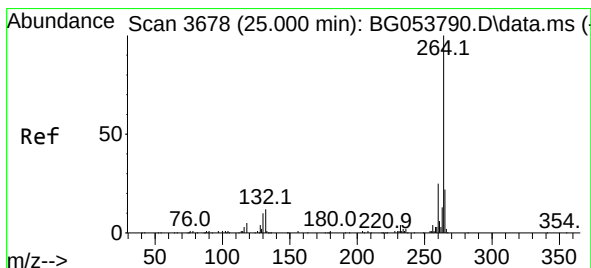
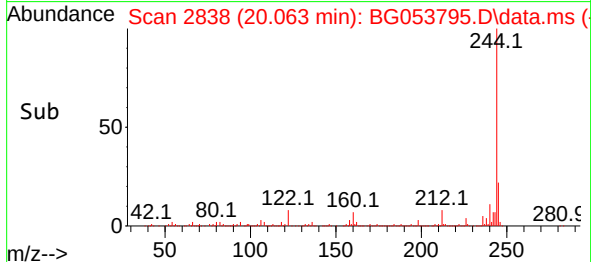
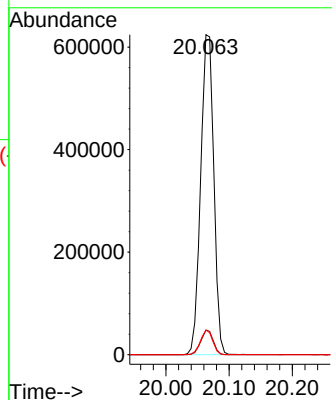
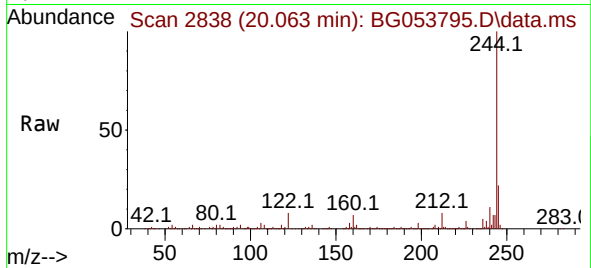




#79
 Terphenyl-d14
 Concen: 95.358 ng
 RT: 20.063 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG053795.D
 Acq: 2 Jun 2022 17:06

Instrument :
 BNA_G
 ClientSampleId :
 PB145265BL

Tgt Ion:244 Resp: 898103
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 7.7 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: BG053795.D
 Acq: 2 Jun 2022 17:06

Tgt Ion:264 Resp: 180055
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.0 28.6
 265 21.4 17.4 26.2

