

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060322\
 Data File : BG053813.D
 Acq On : 3 Jun 2022 14:59
 Operator : CG/JU
 Sample : N2984-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P014-SS003-0006-01

Quant Time: Jun 03 18:19:48 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)

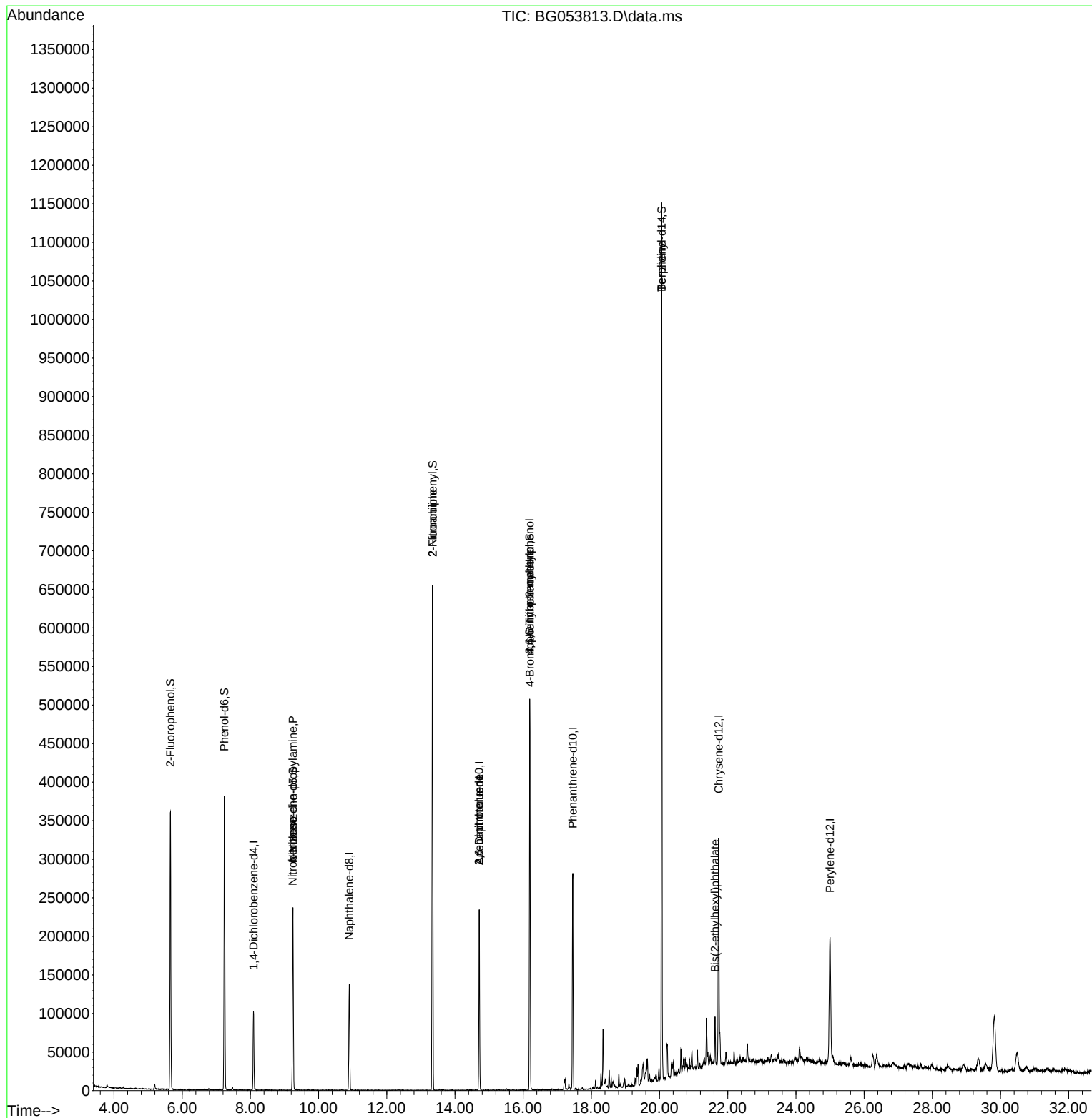
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.097	152	31705	20.000	ng	0.00
21) Naphthalene-d8	10.900	136	126982	20.000	ng	0.00
39) Acenaphthene-d10	14.713	164	87380	20.000	ng	0.00
64) Phenanthrene-d10	17.457	188	197199	20.000	ng	0.00
76) Chrysene-d12	21.734	240	195998	20.000	ng	0.00
86) Perylene-d12	25.001	264	198091	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.659	112	171923	99.578	ng	0.00
7) Phenol-d6	7.239	99	225061	96.231	ng	0.00
23) Nitrobenzene-d5	9.249	82	146334	75.676	ng	0.00
42) 2,4,6-Tribromophenol	16.194	330	111661	105.274	ng	0.00
45) 2-Fluorobiphenyl	13.344	172	377006	64.546	ng	0.00
79) Terphenyl-d14	20.066	244	613113	62.232	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.249	70	19586	11.824	ng	# 84
24) Nitrobenzene	9.243	77	247	3.079	ng	# 48
48) 2-Nitroaniline	13.344	65	443	5.363	ng	# 1
51) 2,6-Dinitrotoluene	14.713	165	11629	13.316	ng	# 16
57) 2,4-Dinitrotoluene	14.713	165	11629	11.150	ng	# 21
65) 4,6-Dinitro-2-methylph...	16.194	198	167	5.798	ng	# 1
67) 4-Bromophenyl-phenylether	16.200	248	7524	3.512	ng	# 1
77) Benzidine	20.066	184	9711	2.026	ng	96
84) Bis(2-ethylhexyl)phtha...	21.628	149	27539	4.711	ng	95

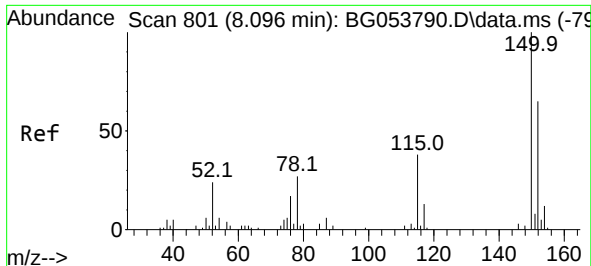
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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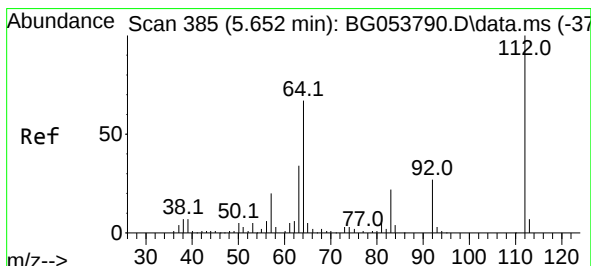
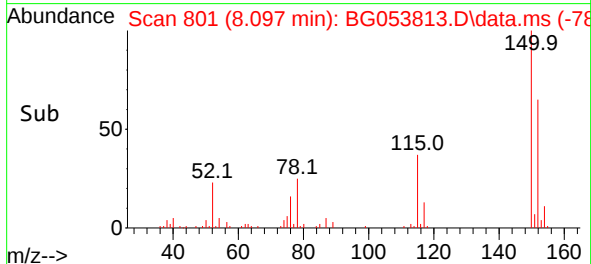
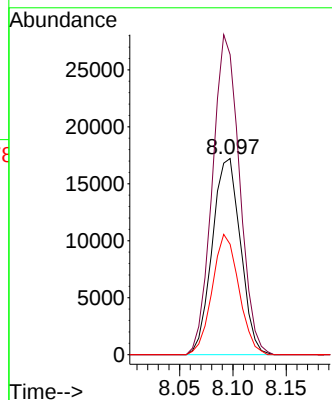
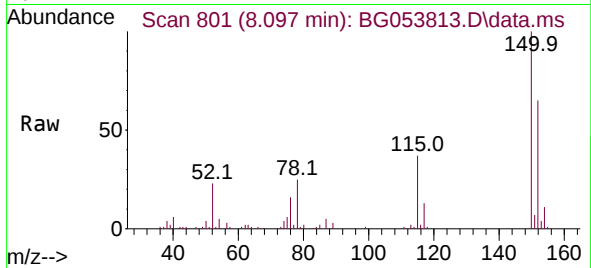




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.097 min Scan# 801
Delta R.T. 0.001 min
Lab File: BG053813.D
Acq: 3 Jun 2022 14:59

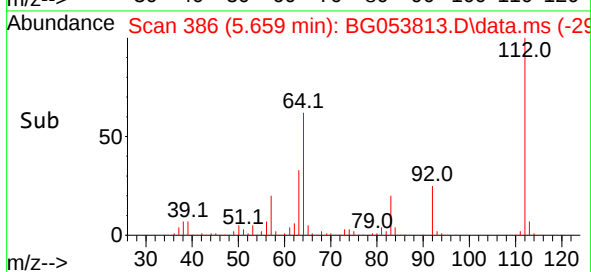
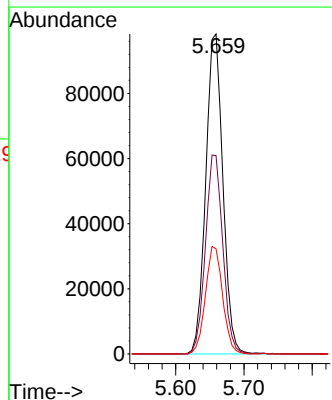
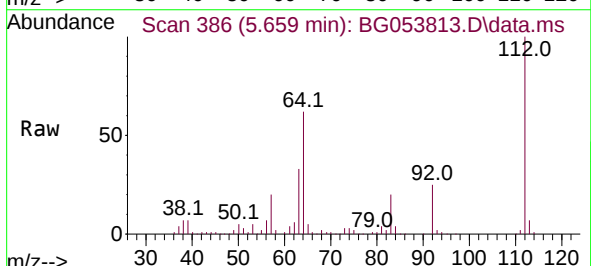
Instrument :
BNA_G
ClientSampleId :
P014-SS003-0006-01

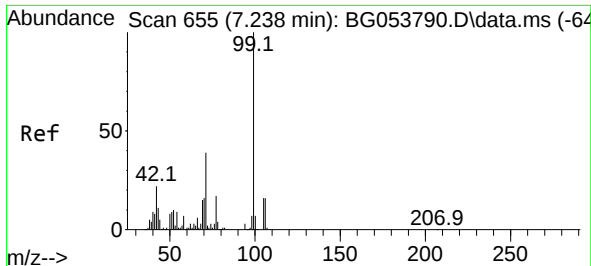
Tgt Ion:152 Resp: 31705
Ion Ratio Lower Upper
152 100
150 153.0 131.6 197.4
115 56.3 50.9 76.3



#5
2-Fluorophenol
Concen: 99.578 ng
RT: 5.659 min Scan# 386
Delta R.T. 0.007 min
Lab File: BG053813.D
Acq: 3 Jun 2022 14:59

Tgt Ion:112 Resp: 171923
Ion Ratio Lower Upper
112 100
64 62.0 55.1 82.7
63 32.9 30.4 45.6

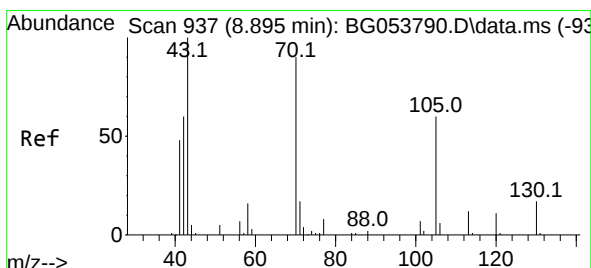
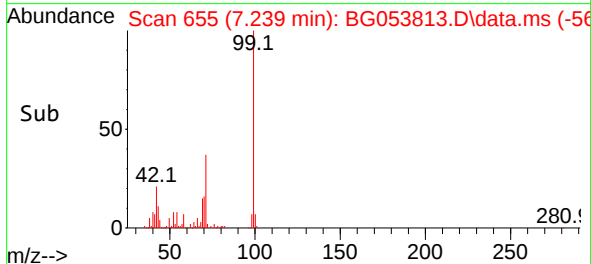
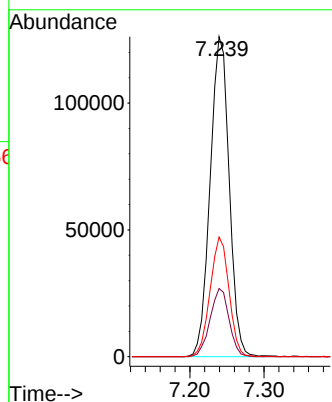
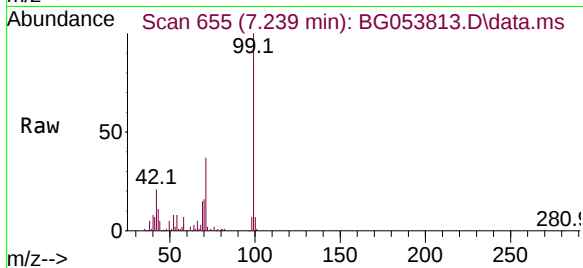




#7
Phenol-d6
Concen: 96.231 ng
RT: 7.239 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG053813.D
Acq: 3 Jun 2022 14:59

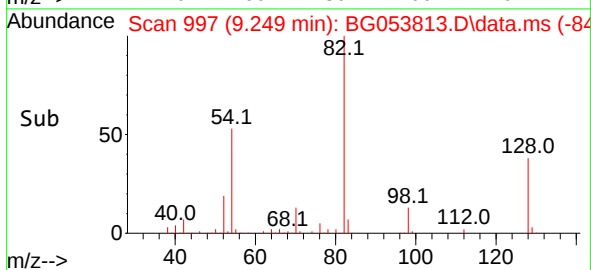
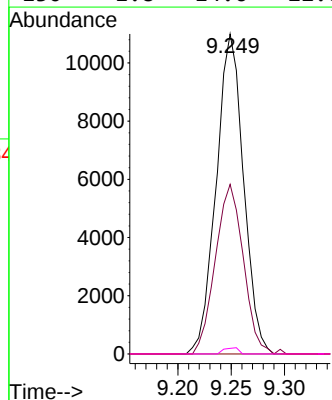
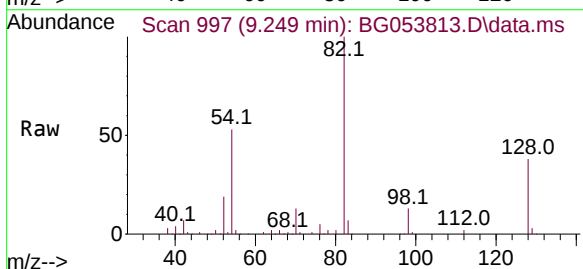
Instrument :
BNA_G
ClientSampleId :
P014-SS003-0006-01

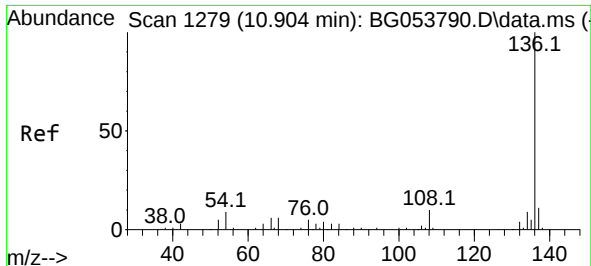
Tgt Ion: 99 Resp: 225061
Ion Ratio Lower Upper
99 100
42 21.3 17.0 25.6
71 37.4 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 11.824 ng
RT: 9.249 min Scan# 997
Delta R.T. 0.354 min
Lab File: BG053813.D
Acq: 3 Jun 2022 14:59

Tgt Ion: 70 Resp: 19586
Ion Ratio Lower Upper
70 100
42 53.0 47.3 70.9
101 0.0 7.0 10.4#
130 1.8 14.6 22.0#

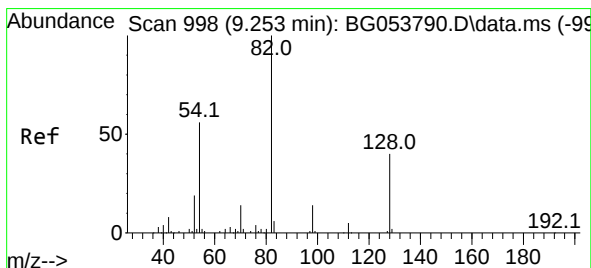
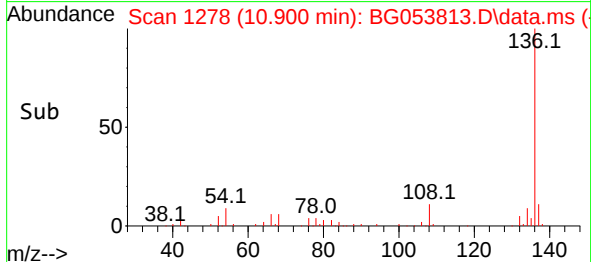
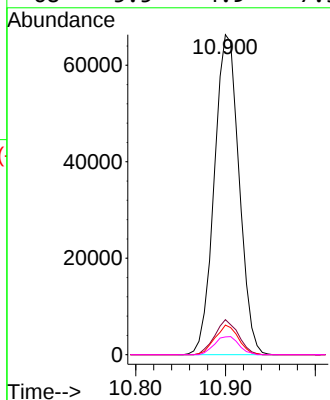
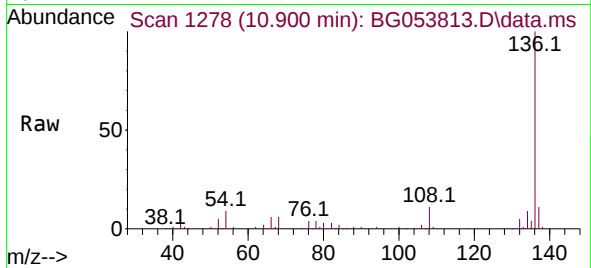




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.900 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG053813.D
Acq: 3 Jun 2022 14:59

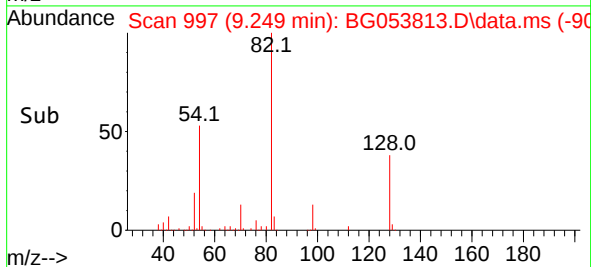
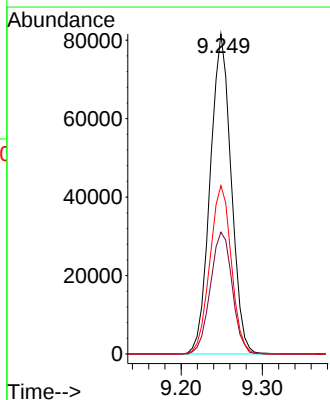
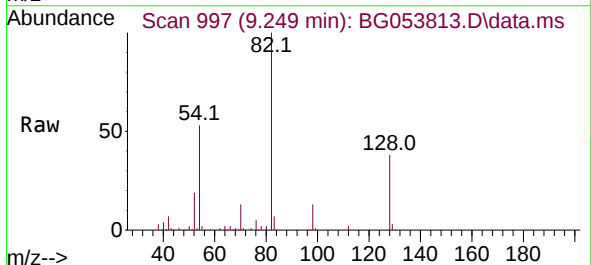
Instrument :
BNA_G
ClientSampleId :
P014-SS003-0006-01

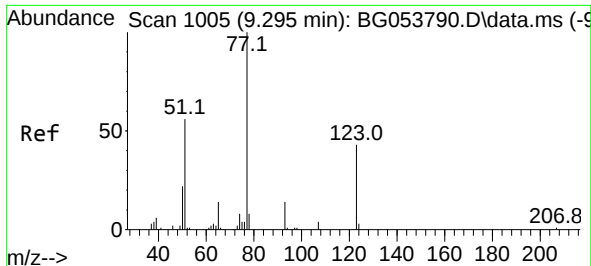
Tgt Ion:	136	Resp:	126982
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.5	12.7
54	9.3	7.4	11.2
68	5.5	4.9	7.3



#23
Nitrobenzene-d5
Concen: 75.676 ng
RT: 9.249 min Scan# 997
Delta R.T. -0.004 min
Lab File: BG053813.D
Acq: 3 Jun 2022 14:59

Tgt Ion:	82	Resp:	146334
Ion Ratio	Lower	Upper	
82	100		
128	38.0	27.9	41.9
54	52.6	41.2	61.8

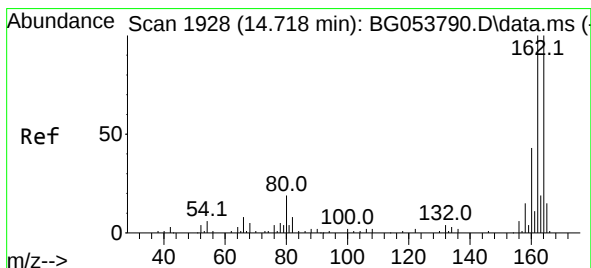
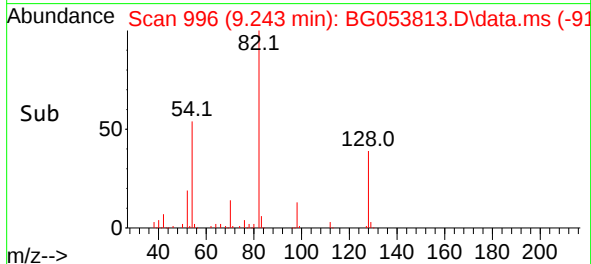
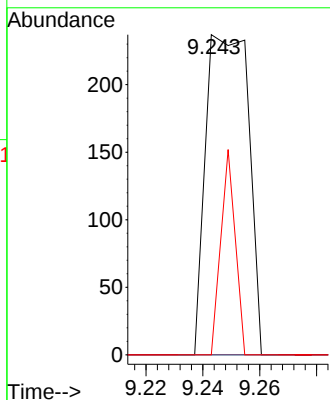
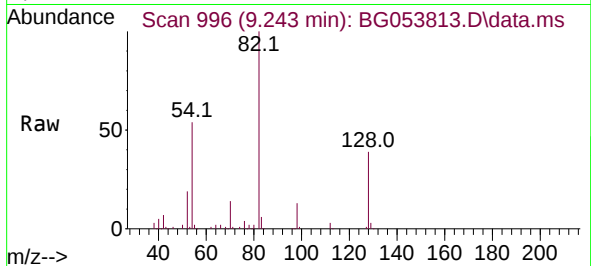




#24
Nitrobenzene
Concen: 3.079 ng
RT: 9.243 min Scan# 91
Delta R.T. -0.052 min
Lab File: BG053813.D
Acq: 3 Jun 2022 14:59

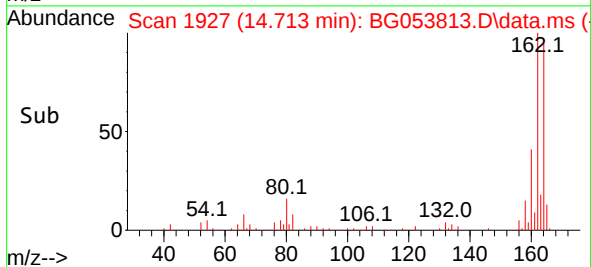
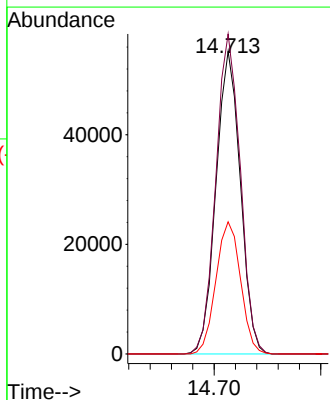
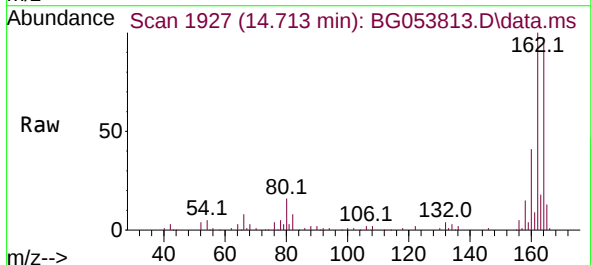
Instrument :
BNA_G
ClientSampleId :
P014-SS003-0006-01

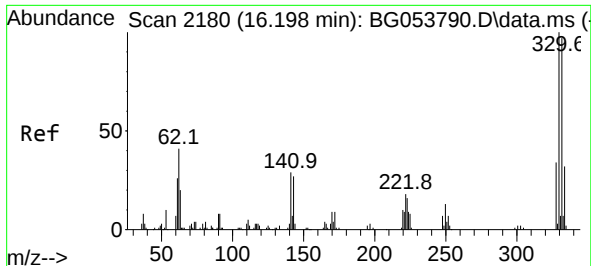
Tgt Ion: 77 Resp: 247
Ion Ratio Lower Upper
77 100
123 0.0 27.4 41.0#
65 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.713 min Scan# 1927
Delta R.T. -0.005 min
Lab File: BG053813.D
Acq: 3 Jun 2022 14:59

Tgt Ion:164 Resp: 87380
Ion Ratio Lower Upper
164 100
162 105.7 82.3 123.5
160 43.7 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 105.274 ng

RT: 16.194 min Scan# 2180

Delta R.T. -0.004 min

Lab File: BG053813.D

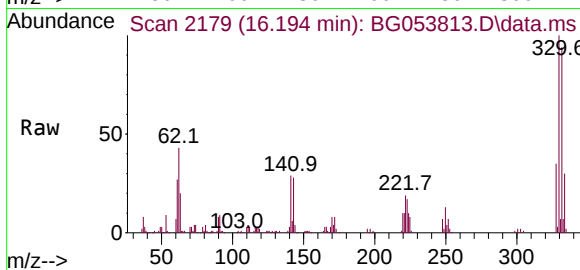
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Instrument :

BNA_G

ClientSampleId :

P014-SS003-0006-01



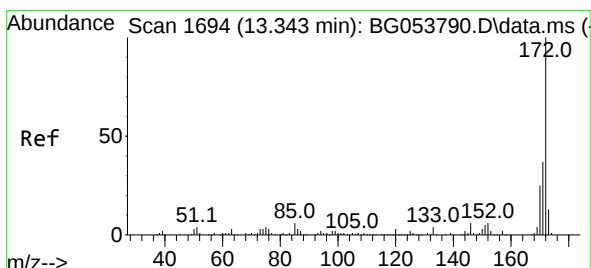
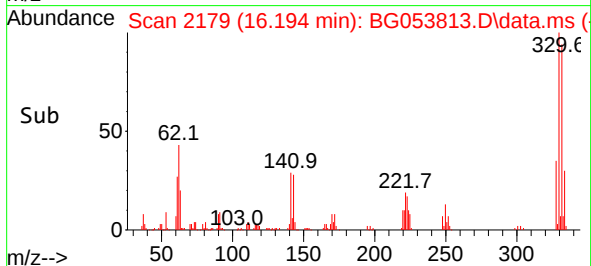
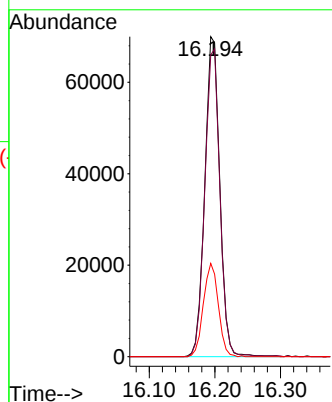
Tgt Ion:330 Resp: 111661

Ion Ratio Lower Upper

330 100

332 96.3 76.0 114.0

141 29.0 27.1 40.7



#45

2-Fluorobiphenyl

Concen: 64.546 ng

RT: 13.344 min Scan# 1694

Delta R.T. 0.001 min

Lab File: BG053813.D

Acq: 3 Jun 2022 14:59

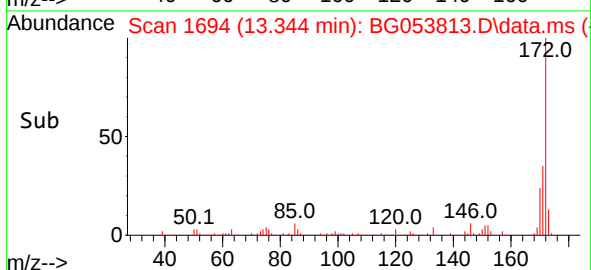
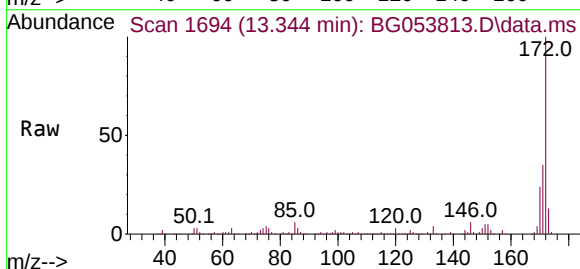
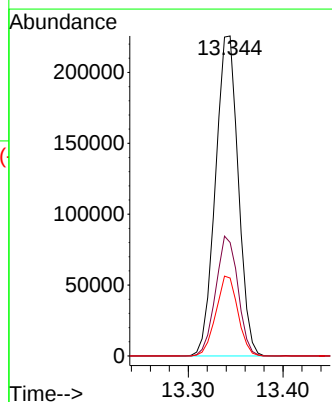
Tgt Ion:172 Resp: 377006

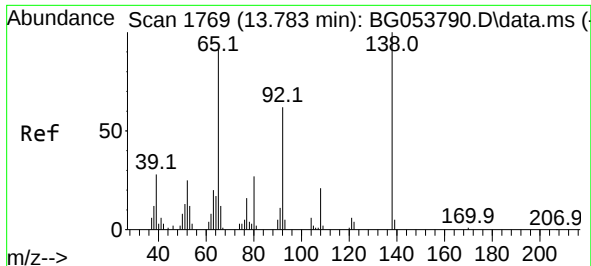
Ion Ratio Lower Upper

172 100

171 35.5 28.5 42.7

170 24.3 18.9 28.3

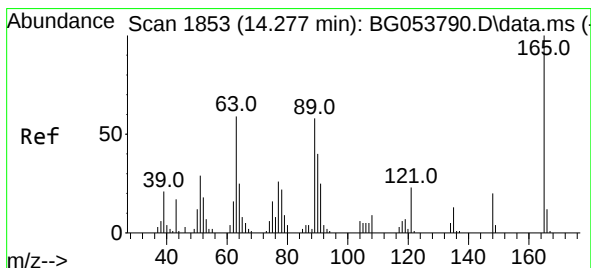
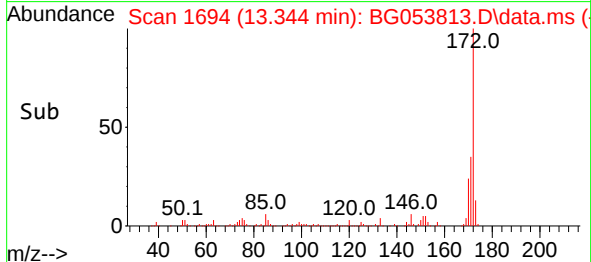
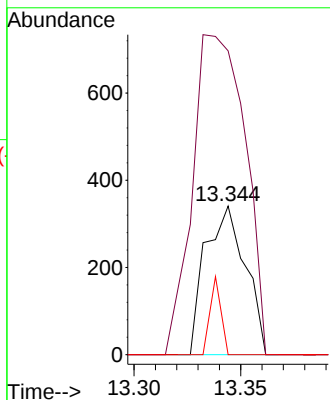
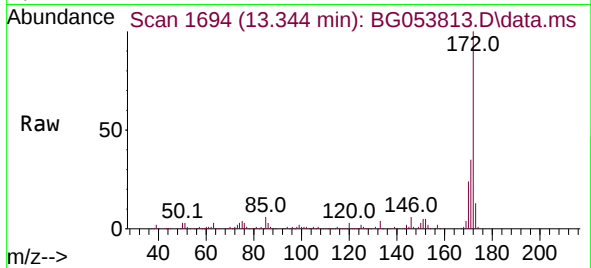




#48
2-Nitroaniline
Concen: 5.363 ng
RT: 13.344 min Scan# 1
Delta R.T. -0.439 min
Lab File: BG053813.D
Acq: 3 Jun 2022 14:59

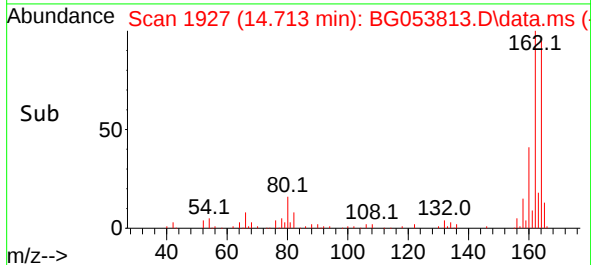
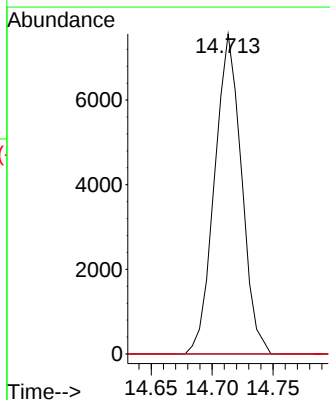
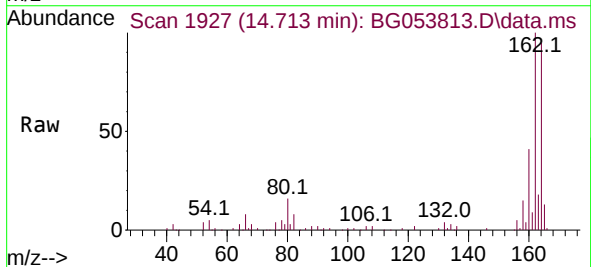
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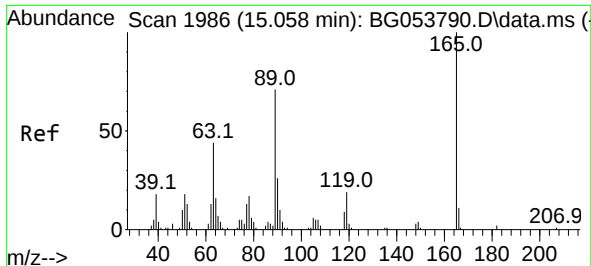
Tgt Ion: 65 Resp: 443
Ion Ratio Lower Upper
65 100
92 204.4 51.5 77.3#
138 0.0 71.3 106.9#



#51
2,6-Dinitrotoluene
Concen: 13.316 ng
RT: 14.713 min Scan# 1927
Delta R.T. 0.436 min
Lab File: BG053813.D
Acq: 3 Jun 2022 14:59

Tgt Ion: 165 Resp: 11629
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: 11.150 ng

RT: 14.713 min Scan# 1986

Delta R.T. -0.345 min

Lab File: BG053813.D

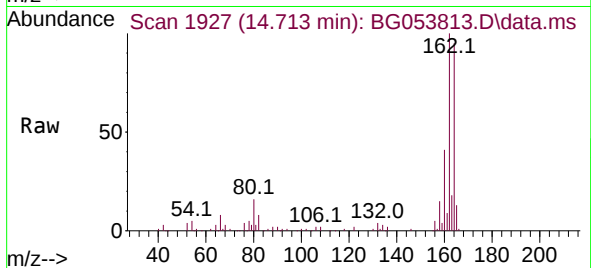
Acq: 3 Jun 2022 14:59

Instrument :

BNA_G

ClientSampleId :

P014-SS003-0006-01



Tgt Ion:165 Resp: 11629

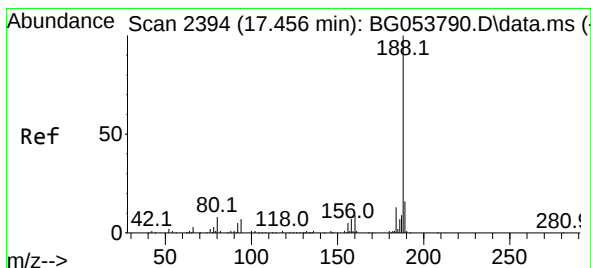
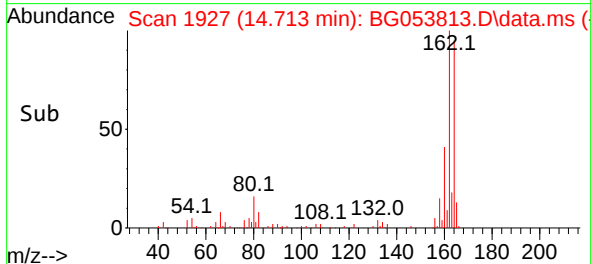
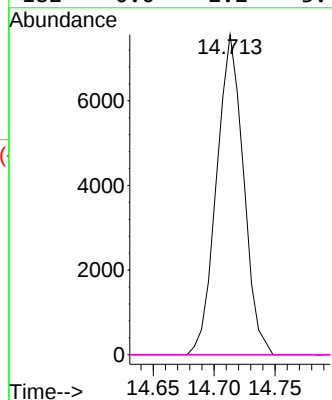
Ion Ratio Lower Upper

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: 17.457 min Scan# 2394

Delta R.T. 0.001 min

Lab File: BG053813.D

Acq: 3 Jun 2022 14:59

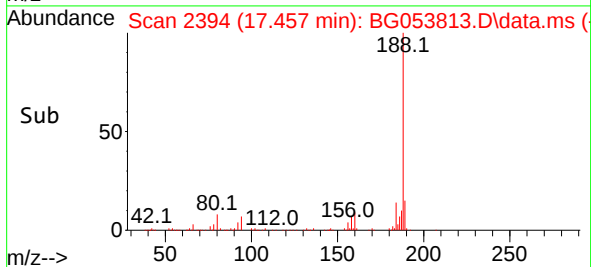
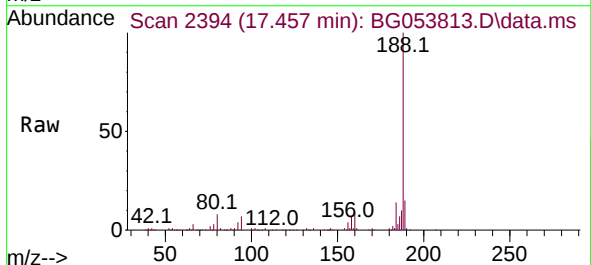
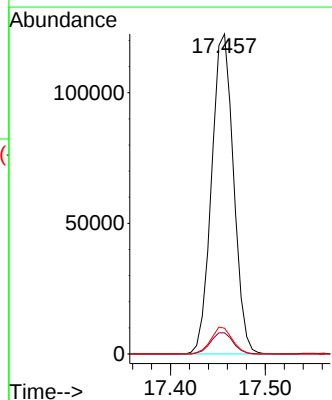
Tgt Ion:188 Resp: 197199

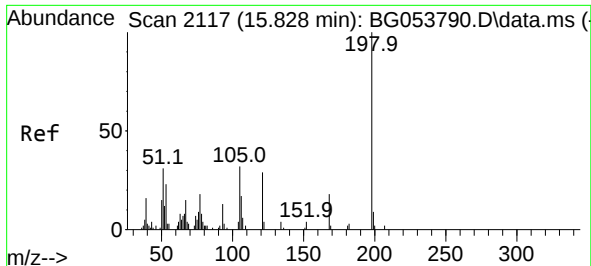
Ion Ratio Lower Upper

188 100

94 6.6 5.4 8.0

80 8.1 6.8 10.2

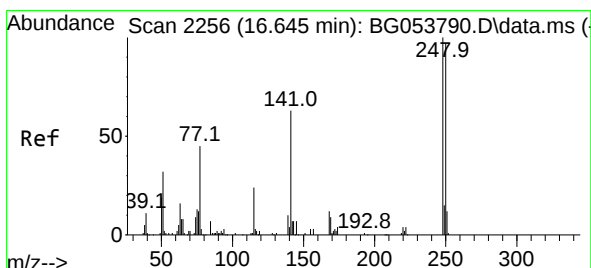
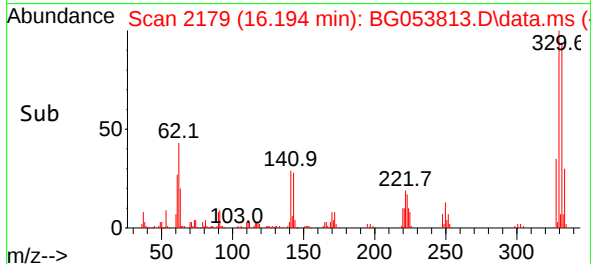
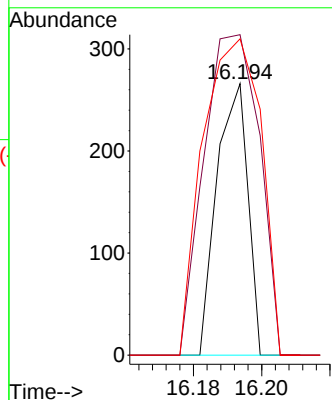
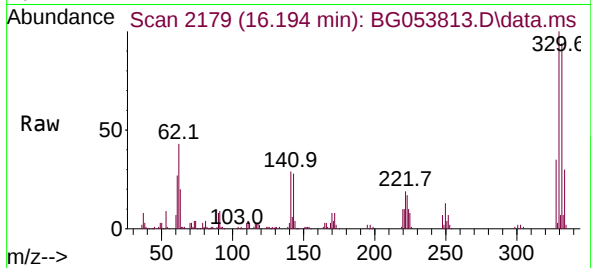




#65
4,6-Dinitro-2-methylphenol
Concen: 5.798 ng
RT: 16.194 min Scan# 2117
Delta R.T. 0.366 min
Lab File: BG053813.D
Acq: 3 Jun 2022 14:59

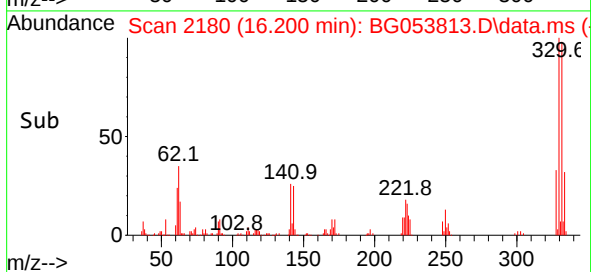
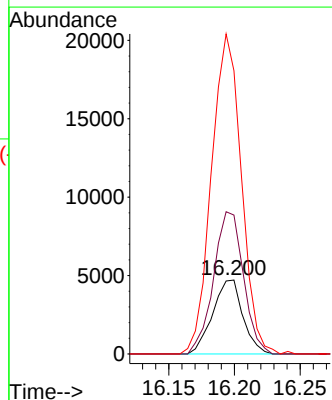
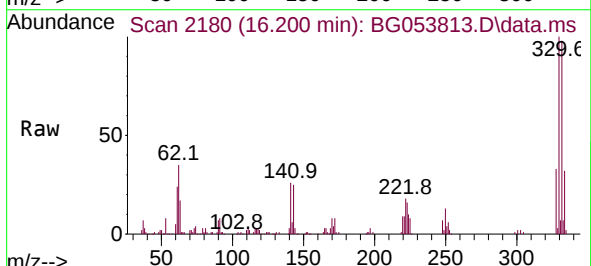
Instrument :
BNA_G
ClientSampleId :
P014-SS003-0006-01

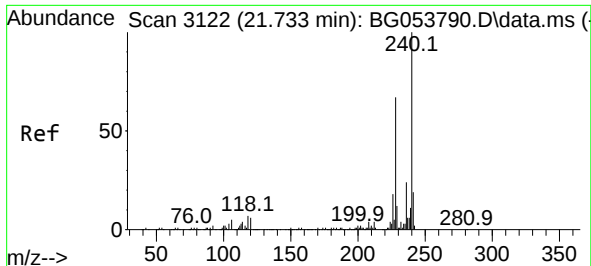
Tgt Ion:198 Resp: 167
Ion Ratio Lower Upper
198 100
51 118.0 28.1 68.1#
105 116.5 20.3 60.3#



#67
4-Bromophenyl-phenylether
Concen: 3.512 ng
RT: 16.200 min Scan# 2180
Delta R.T. -0.445 min
Lab File: BG053813.D
Acq: 3 Jun 2022 14:59

Tgt Ion:248 Resp: 7524
Ion Ratio Lower Upper
248 100
250 192.5 75.2 112.8#
141 302.6 50.0 75.0#

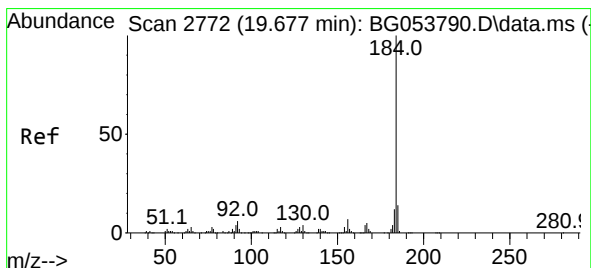
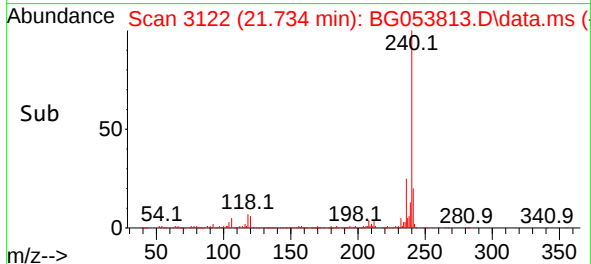
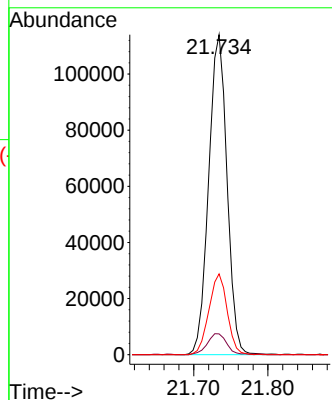
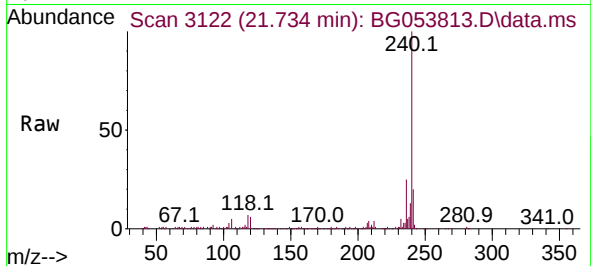




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.734 min Scan# 31
Delta R.T. 0.001 min
Lab File: BG053813.D
Acq: 3 Jun 2022 14:59

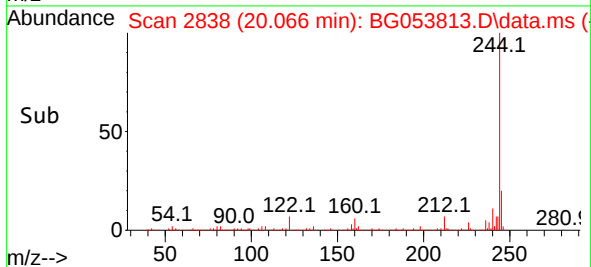
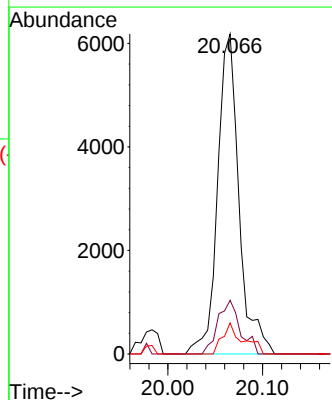
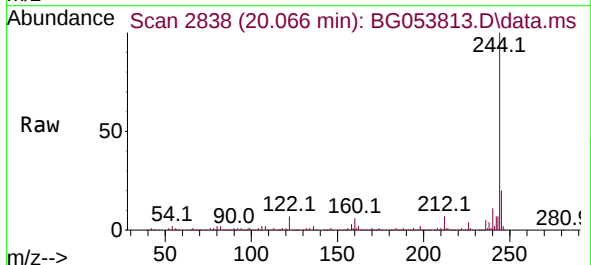
Instrument :
BNA_G
ClientSampleId :
P014-SS003-0006-01

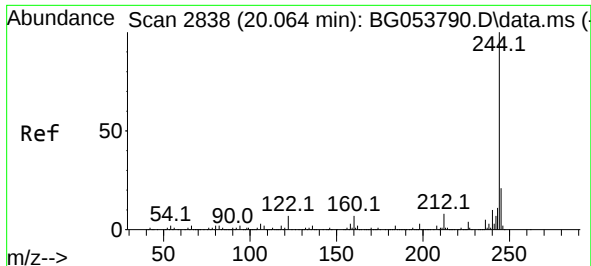
Tgt Ion:240 Resp: 195998
Ion Ratio Lower Upper
240 100
120 6.5 4.6 7.0
236 25.3 20.2 30.4



#77
Benzidine
Concen: 2.026 ng
RT: 20.066 min Scan# 2838
Delta R.T. 0.389 min
Lab File: BG053813.D
Acq: 3 Jun 2022 14:59

Tgt Ion:184 Resp: 9711
Ion Ratio Lower Upper
184 100
185 16.8 11.8 17.6
183 9.7 8.9 13.3

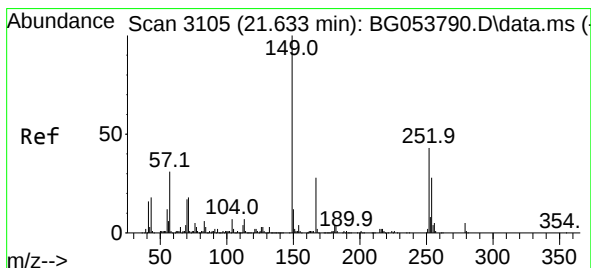
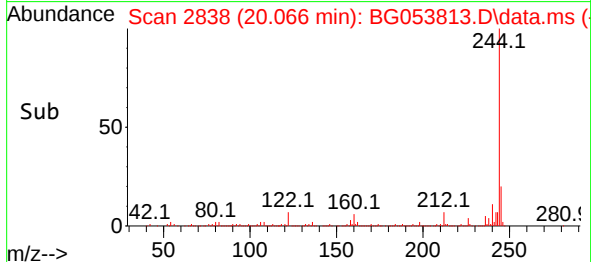
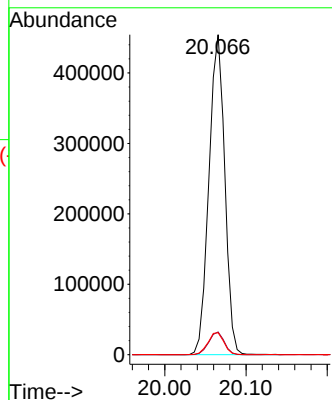
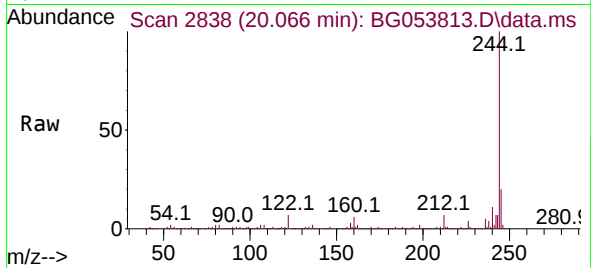




#79
 Terphenyl-d14
 Concen: 62.232 ng
 RT: 20.066 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG053813.D
 Acq: 3 Jun 2022 14:59

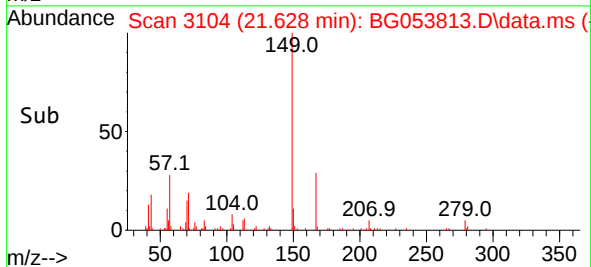
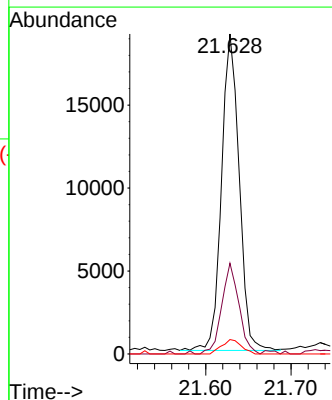
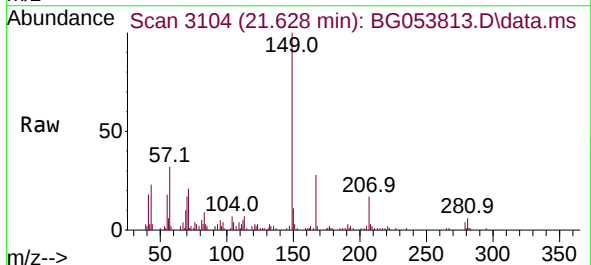
Instrument :
 BNA_G
 ClientSampleId :
 P014-SS003-0006-01

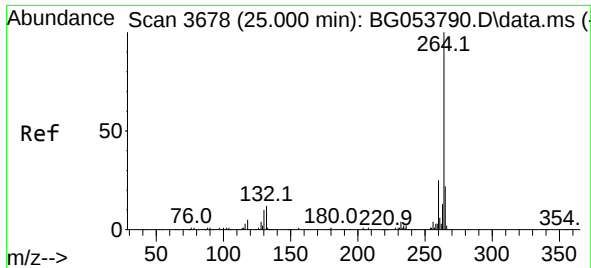
Tgt Ion:244 Resp: 613113
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.5 9.7
 122 6.8 5.0 7.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.711 ng
 RT: 21.628 min Scan# 3104
 Delta R.T. -0.005 min
 Lab File: BG053813.D
 Acq: 3 Jun 2022 14:59

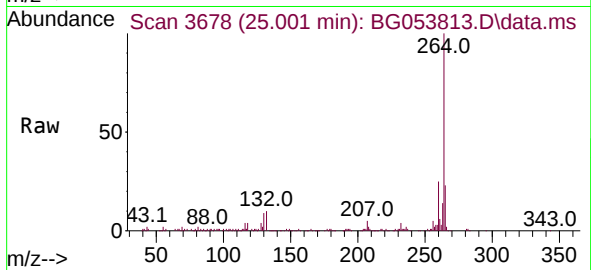
Tgt Ion:149 Resp: 27539
 Ion Ratio Lower Upper
 149 100
 167 28.4 20.2 30.4
 279 4.5 3.6 5.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.001 min Scan# 30
 Delta R.T. 0.001 min
 Lab File: BG053813.D
 Acq: 3 Jun 2022 14:59

Instrument :
 BNA_G
 ClientSampleId :
 P014-SS003-0006-01



Tgt Ion:264 Resp: 198091
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.0 28.6
 265 22.7 17.4 26.2

