

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060922\
 Data File : BG053860.D
 Acq On : 9 Jun 2022 14:38
 Operator : CG/JU
 Sample : N3233-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CR-1

Quant Time: Jun 09 17:36:31 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)

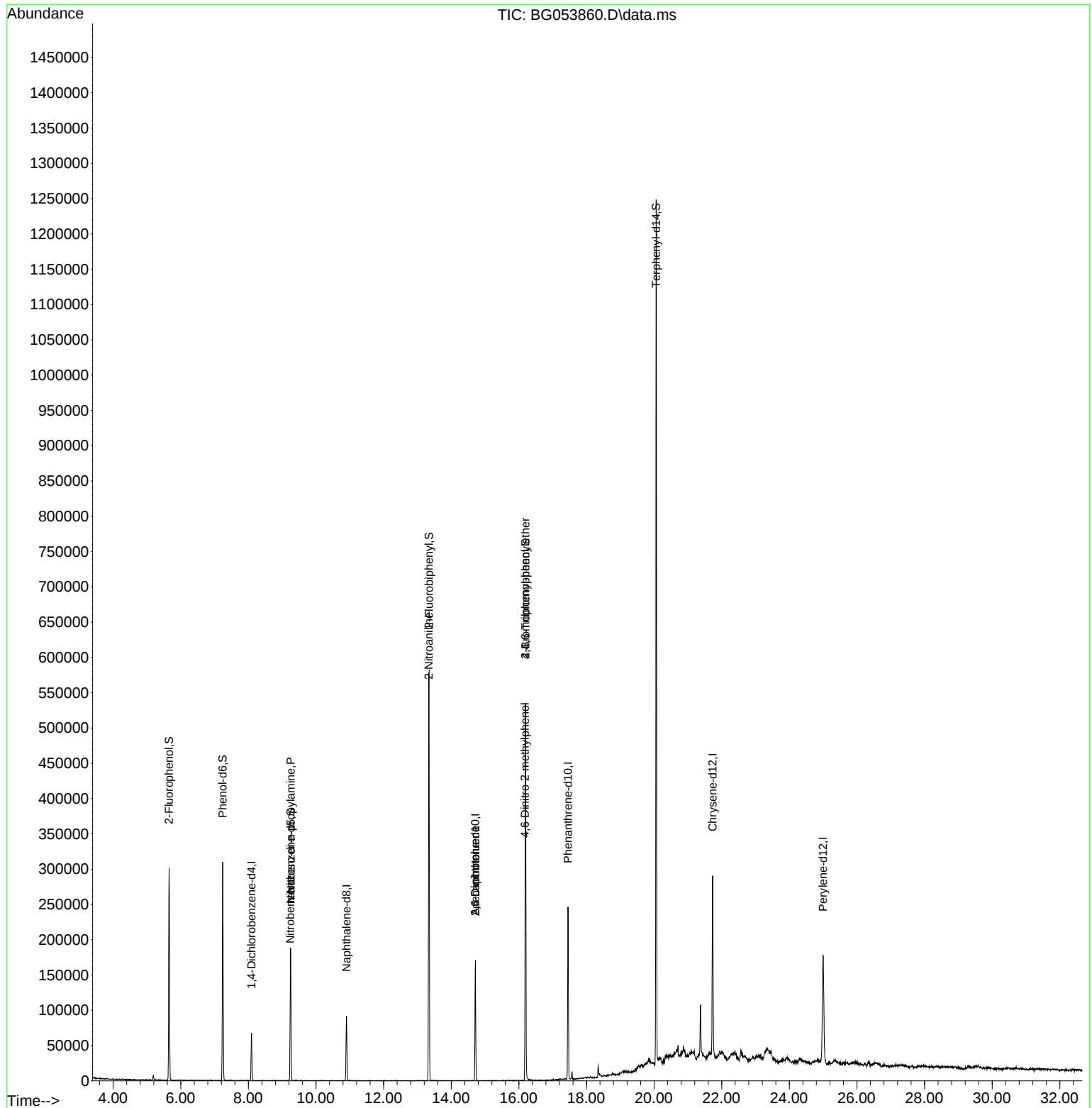
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	19772	20.000	ng	0.00
21) Naphthalene-d8	10.902	136	83998	20.000	ng	# 0.00
39) Acenaphthene-d10	14.715	164	65413	20.000	ng	0.00
64) Phenanthrene-d10	17.453	188	174858	20.000	ng	# 0.00
76) Chrysene-d12	21.730	240	180524	20.000	ng	0.00
86) Perylene-d12	24.997	264	187811	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.655	112	139438	129.505	ng	0.00
7) Phenol-d6	7.241	99	186327	127.752	ng	0.00
23) Nitrobenzene-d5	9.251	82	119640	93.532	ng	0.00
42) 2,4,6-Tribromophenol	16.195	330	134086	168.869	ng	0.00
45) 2-Fluorobiphenyl	13.340	172	329984	75.468	ng	0.00
79) Terphenyl-d14	20.061	244	691077	76.158	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.251	70	16283	15.763	ng	# 84
24) Nitrobenzene	9.239	77	446	3.266	ng	# 48
48) 2-Nitroaniline	13.334	65	429	5.457	ng	# 11
51) 2,6-Dinitrotoluene	14.715	165	8683	13.292	ng	# 18
57) 2,4-Dinitrotoluene	14.715	165	8683	11.133	ng	# 23
65) 4,6-Dinitro-2-methylph...	16.184	198	56	5.677	ng	# 55
67) 4-Bromophenyl-phenylether	16.195	248	8130	4.279	ng	# 1

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

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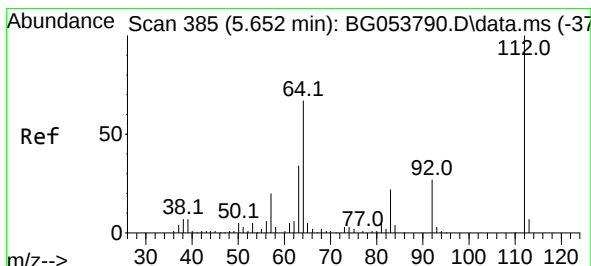
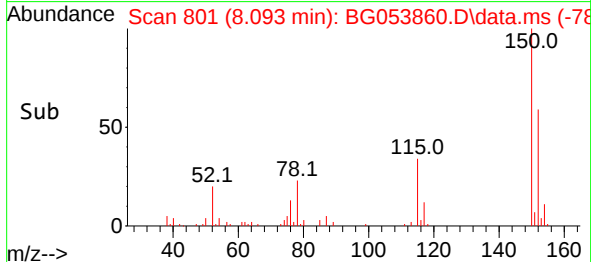
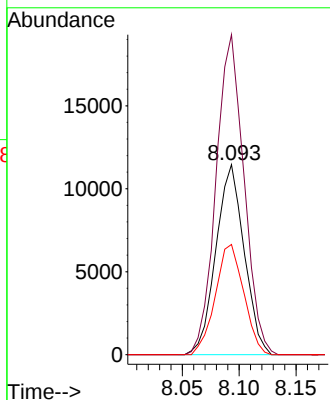
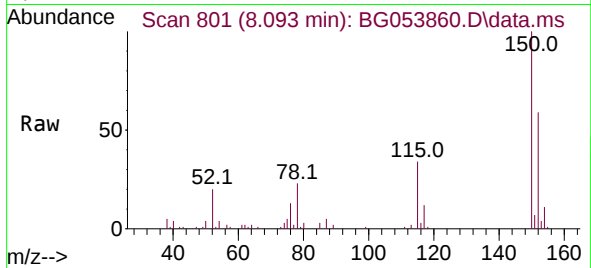




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.093 min Scan# 801
Delta R.T. -0.003 min
Lab File: BG053860.D
Acq: 9 Jun 2022 14:38

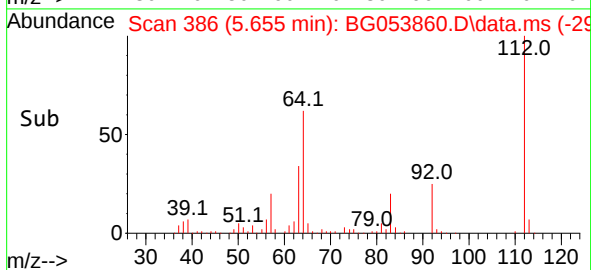
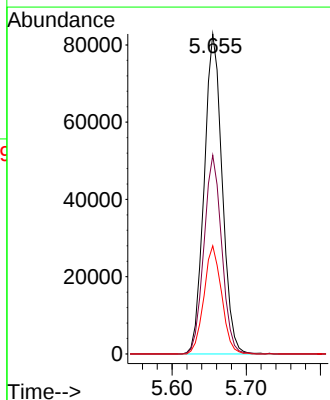
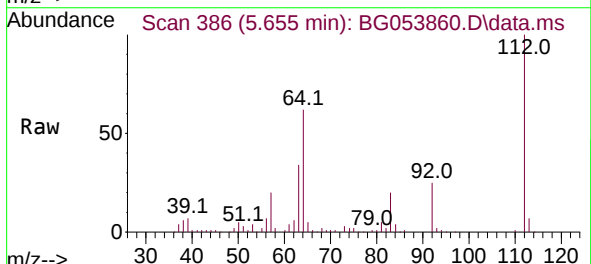
Instrument :
BNA_G
ClientSampleId :
CR-1

Tgt Ion:152 Resp: 19772
Ion Ratio Lower Upper
152 100
150 168.3 131.6 197.4
115 58.0 50.9 76.3



#5
2-Fluorophenol
Concen: 129.505 ng
RT: 5.655 min Scan# 386
Delta R.T. 0.003 min
Lab File: BG053860.D
Acq: 9 Jun 2022 14:38

Tgt Ion:112 Resp: 139438
Ion Ratio Lower Upper
112 100
64 62.1 55.1 82.7
63 33.8 30.4 45.6

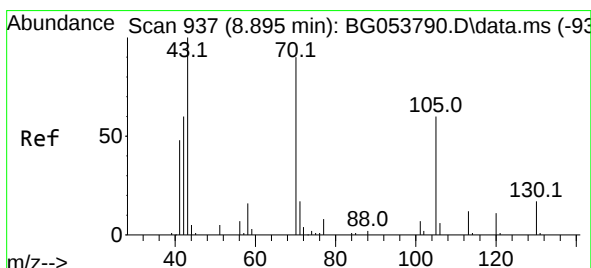
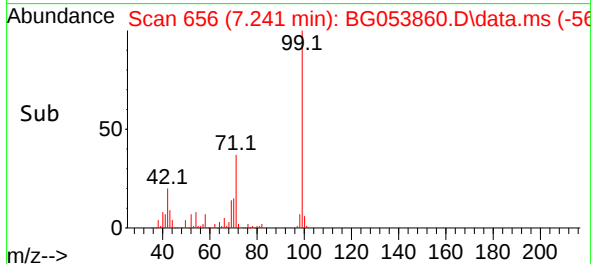
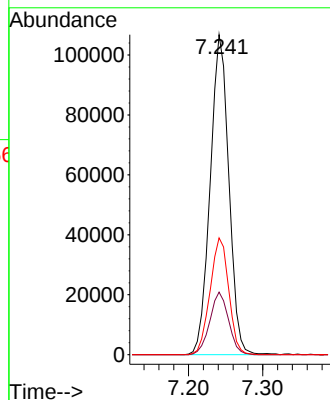
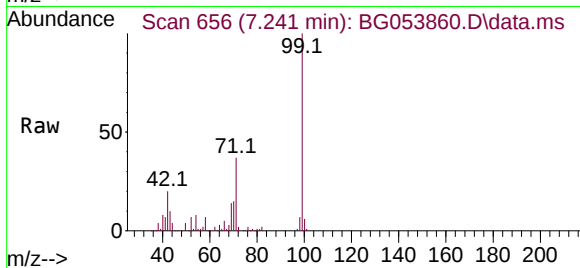




#7
Phenol-d6
Concen: 127.752 ng
RT: 7.241 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG053860.D
Acq: 9 Jun 2022 14:38

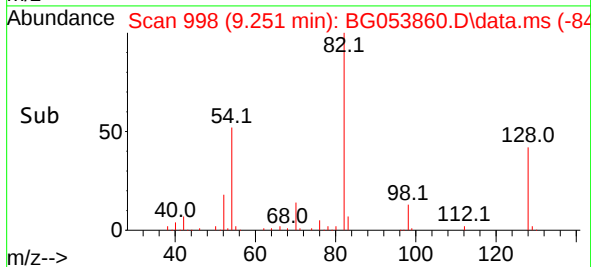
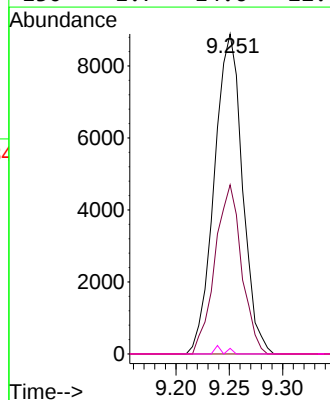
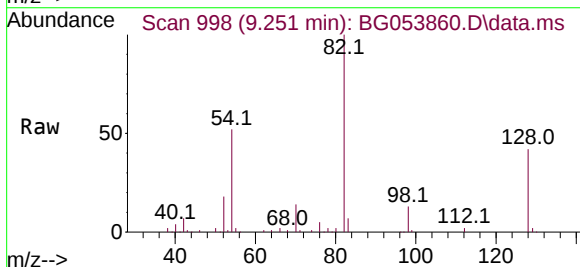
Instrument :
BNA_G
ClientSampleId :
CR-1

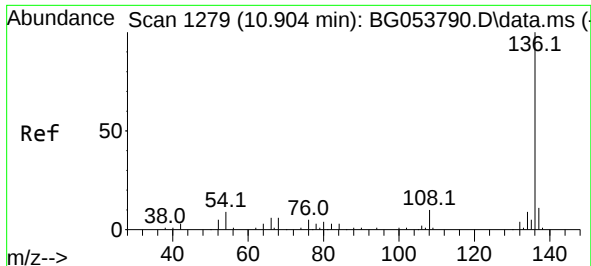
Tgt Ion: 99 Resp: 186327
Ion Ratio Lower Upper
99 100
42 19.5 17.0 25.6
71 36.5 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 15.763 ng
RT: 9.251 min Scan# 998
Delta R.T. 0.356 min
Lab File: BG053860.D
Acq: 9 Jun 2022 14:38

Tgt Ion: 70 Resp: 16283
Ion Ratio Lower Upper
70 100
42 52.9 47.3 70.9
101 0.0 7.0 10.4#
130 1.7 14.6 22.0#

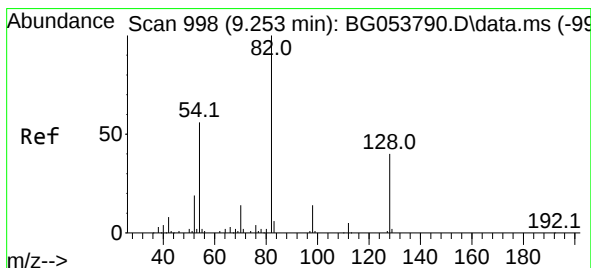
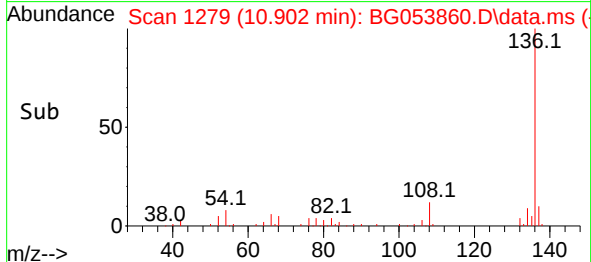
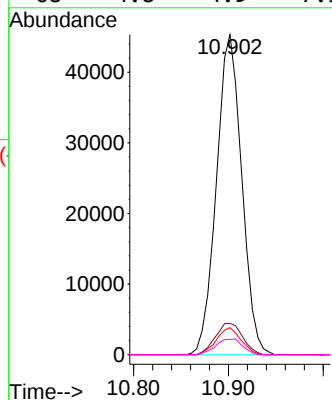
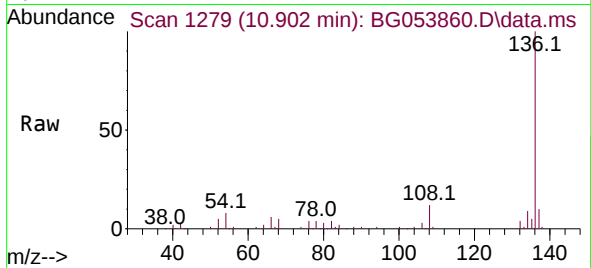




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.902 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG053860.D
Acq: 9 Jun 2022 14:38

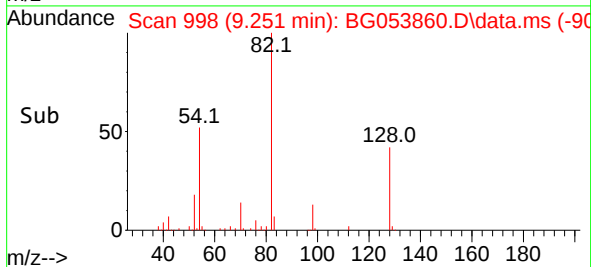
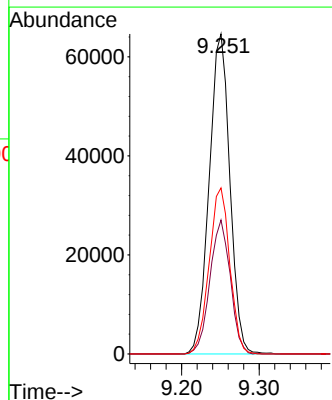
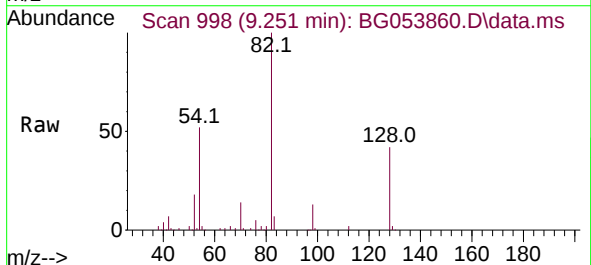
Instrument :
BNA_G
ClientSampleId :
CR-1

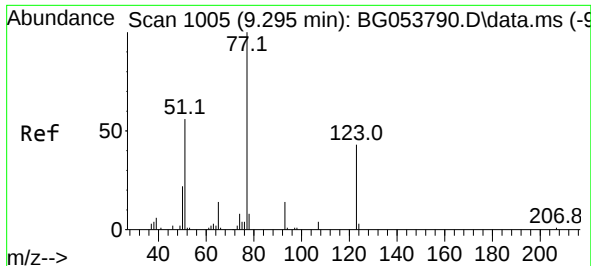
Tgt Ion:	136	Resp:	83998
Ion	Ratio	Lower	Upper
136	100		
137	9.8	8.5	12.7
54	8.4	7.4	11.2
68	4.8	4.9	7.3



#23
Nitrobenzene-d5
Concen: 93.532 ng
RT: 9.251 min Scan# 998
Delta R.T. -0.002 min
Lab File: BG053860.D
Acq: 9 Jun 2022 14:38

Tgt Ion:	82	Resp:	119640
Ion	Ratio	Lower	Upper
82	100		
128	41.8	27.9	41.9
54	51.9	41.2	61.8

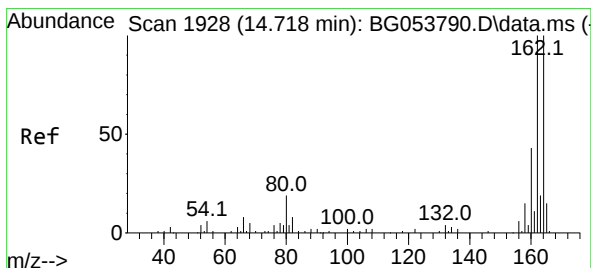
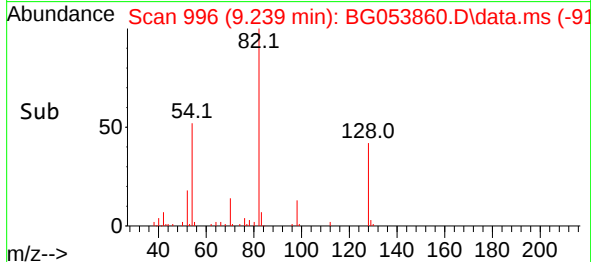
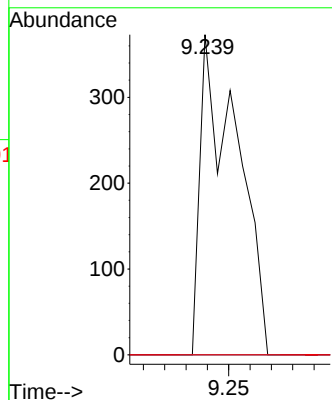
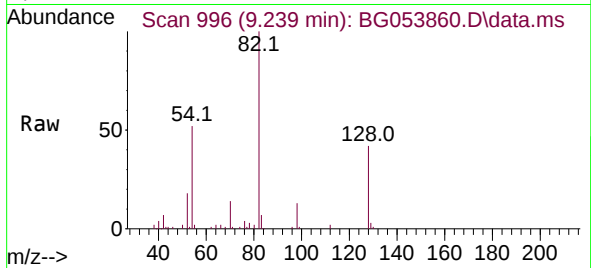




#24
Nitrobenzene
Concen: 3.266 ng
RT: 9.239 min Scan# 91
Delta R.T. -0.056 min
Lab File: BG053860.D
Acq: 9 Jun 2022 14:38

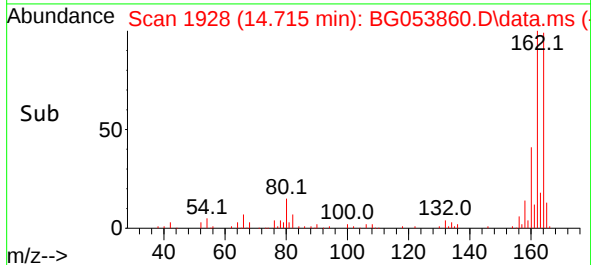
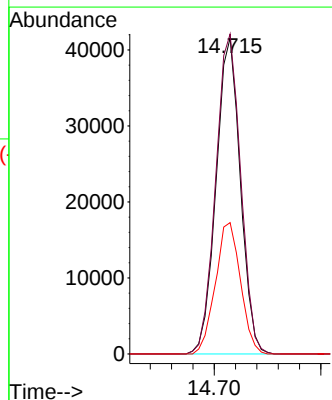
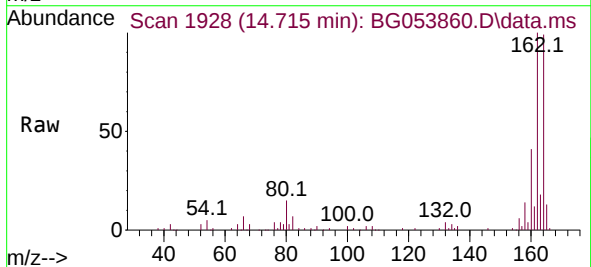
Instrument :
BNA_G
ClientSampleId :
CR-1

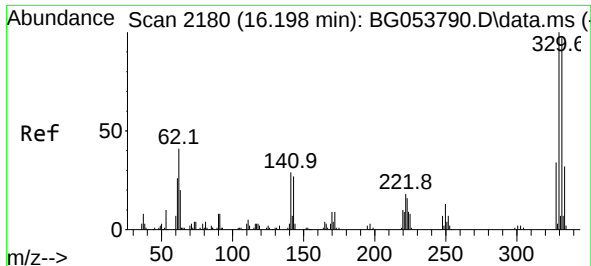
Tgt Ion: 77 Resp: 446
Ion Ratio Lower Upper
77 100
123 0.0 27.4 41.0#
65 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.715 min Scan# 1928
Delta R.T. -0.003 min
Lab File: BG053860.D
Acq: 9 Jun 2022 14:38

Tgt Ion: 164 Resp: 65413
Ion Ratio Lower Upper
164 100
162 101.3 82.3 123.5
160 41.6 34.2 51.2

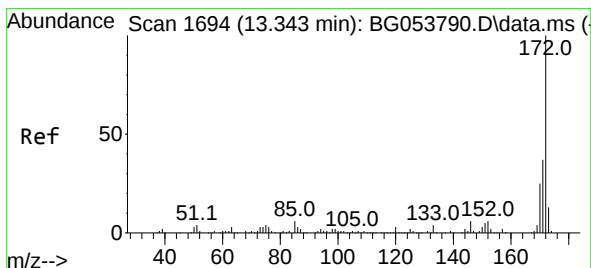
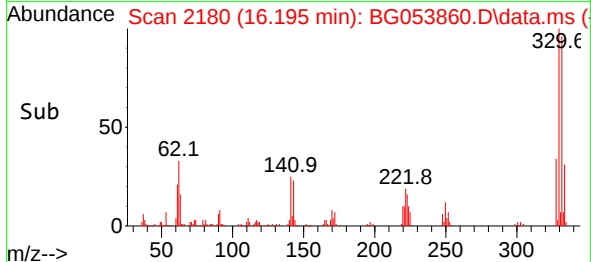
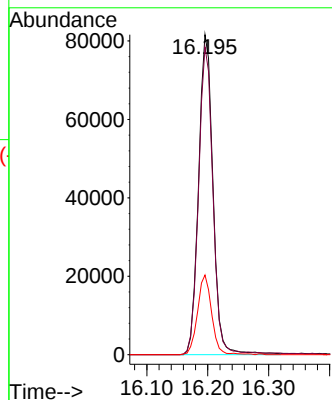
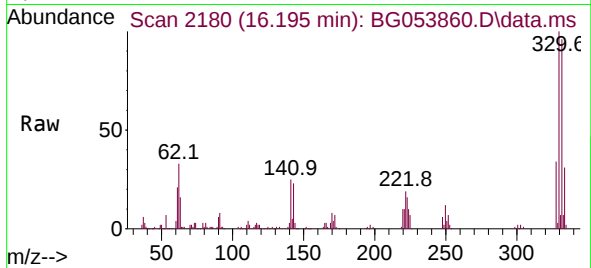




#42
2,4,6-Tribromophenol
Concen: 168.869 ng
RT: 16.195 min Scan# 2180
Delta R.T. -0.003 min
Lab File: BG053860.D
Acq: 9 Jun 2022 14:38

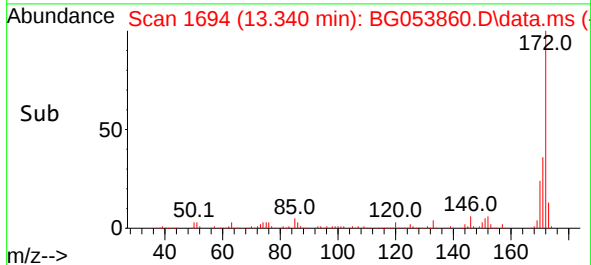
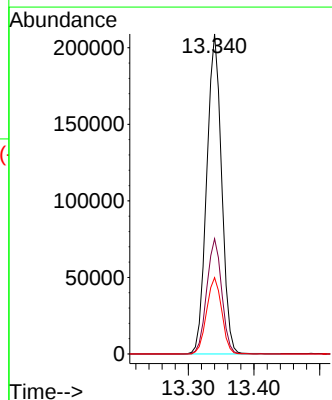
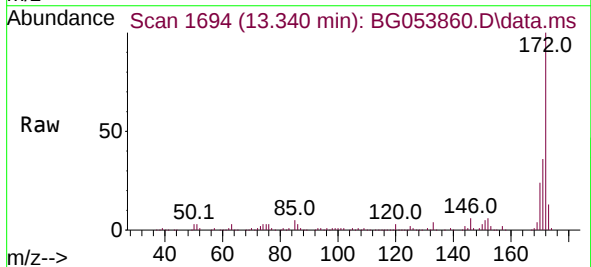
Instrument :
BNA_G
ClientSampleId :
CR-1

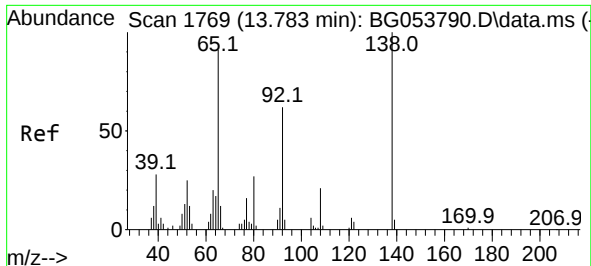
Tgt Ion:330 Resp: 134086
Ion Ratio Lower Upper
330 100
332 95.2 76.0 114.0
141 24.5 27.1 40.7#



#45
2-Fluorobiphenyl
Concen: 75.468 ng
RT: 13.340 min Scan# 1694
Delta R.T. -0.003 min
Lab File: BG053860.D
Acq: 9 Jun 2022 14:38

Tgt Ion:172 Resp: 329984
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 23.9 18.9 28.3

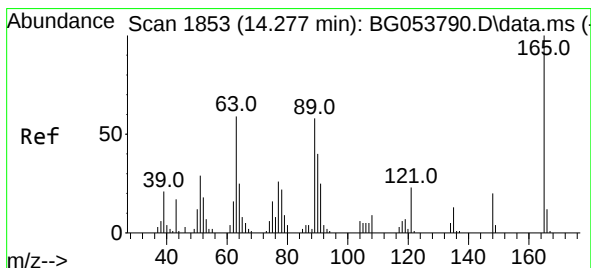
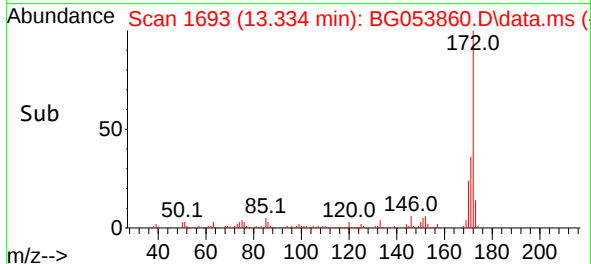
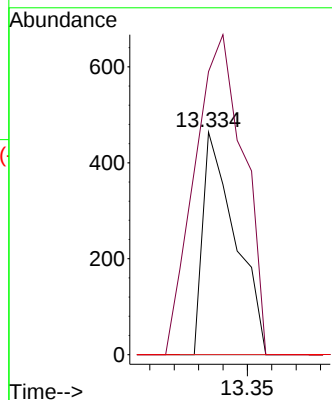
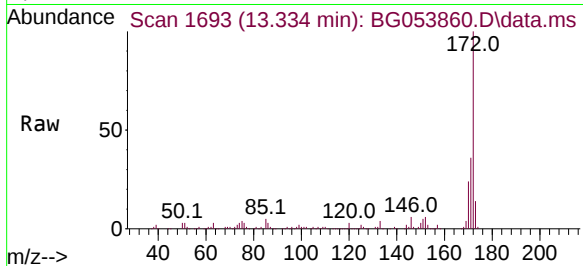




#48
2-Nitroaniline
Concen: 5.457 ng
RT: 13.334 min Scan# 1
Delta R.T. -0.449 min
Lab File: BG053860.D
Acq: 9 Jun 2022 14:38

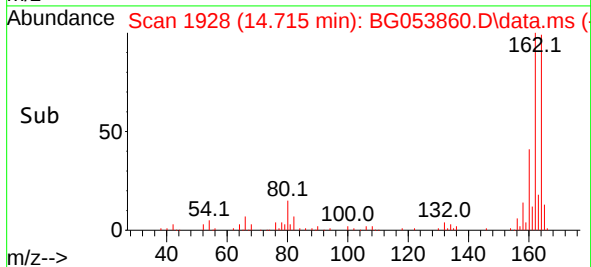
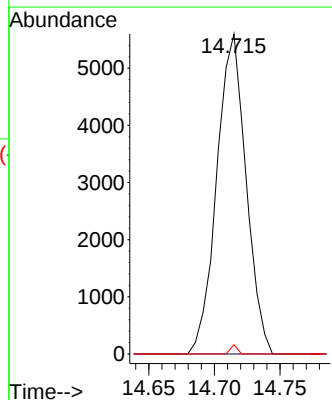
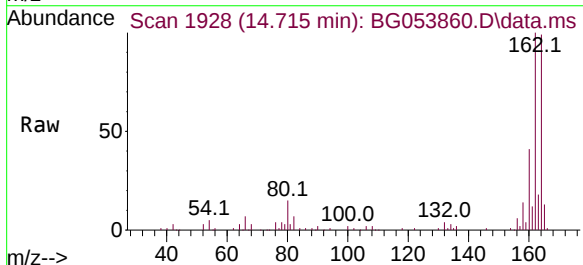
Instrument :
BNA_G
ClientSampleId :
CR-1

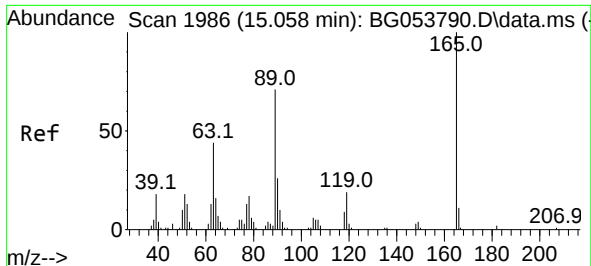
Tgt Ion: 65 Resp: 429
Ion Ratio Lower Upper
65 100
92 127.2 51.5 77.3#
138 0.0 71.3 106.9#



#51
2,6-Dinitrotoluene
Concen: 13.292 ng
RT: 14.715 min Scan# 1928
Delta R.T. 0.438 min
Lab File: BG053860.D
Acq: 9 Jun 2022 14:38

Tgt Ion: 165 Resp: 8683
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 2.9 54.8 82.2#





#57

2,4-Dinitrotoluene

Concen: 11.133 ng

RT: 14.715 min Scan# 1986

Delta R.T. -0.343 min

Lab File: BG053860.D

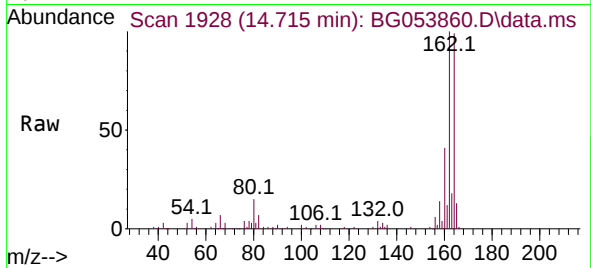
Acq: 9 Jun 2022 14:38

Instrument :

BNA_G

ClientSampleId :

CR-1



Tgt Ion:165 Resp: 8683

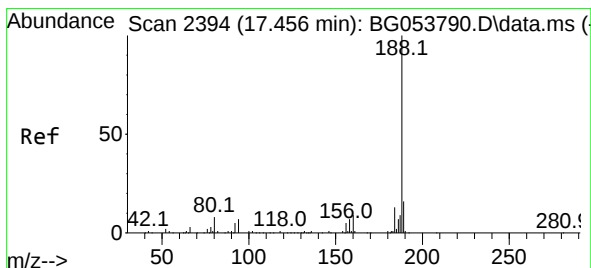
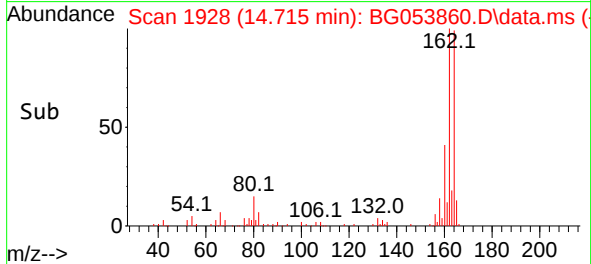
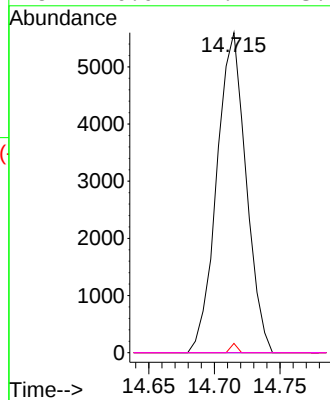
Ion Ratio Lower Upper

165 100

63 0.0 34.6 52.0#

89 2.9 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: BG053860.D

Acq: 9 Jun 2022 14:38

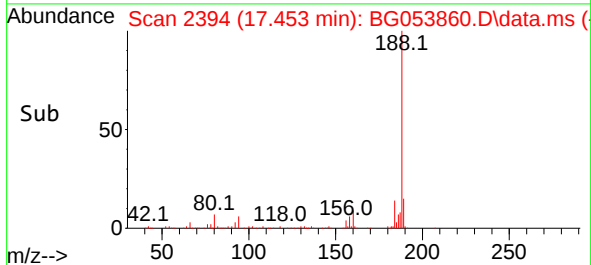
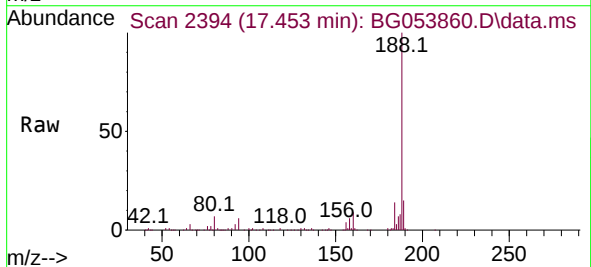
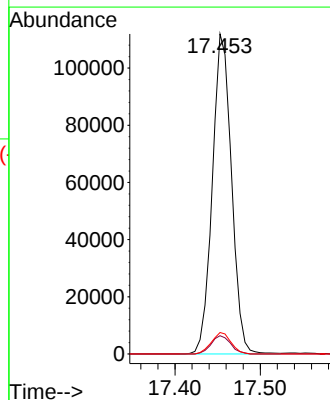
Tgt Ion:188 Resp: 174858

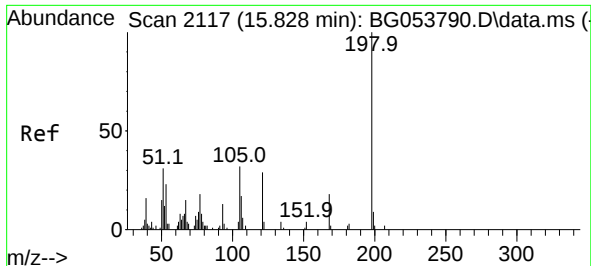
Ion Ratio Lower Upper

188 100

94 5.7 5.4 8.0

80 6.7 6.8 10.2#

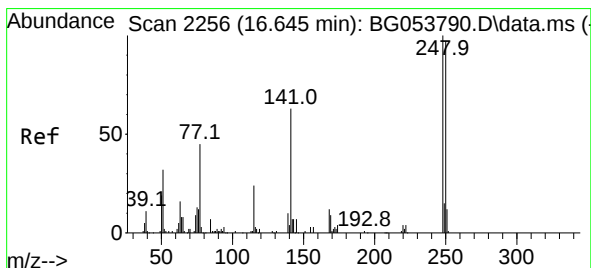
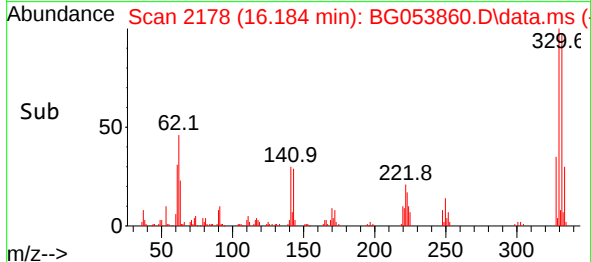
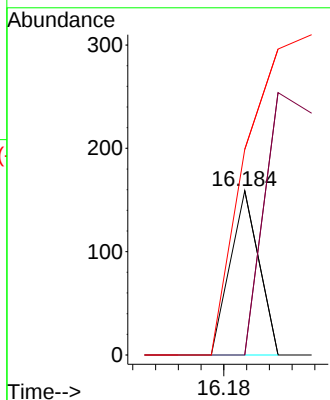
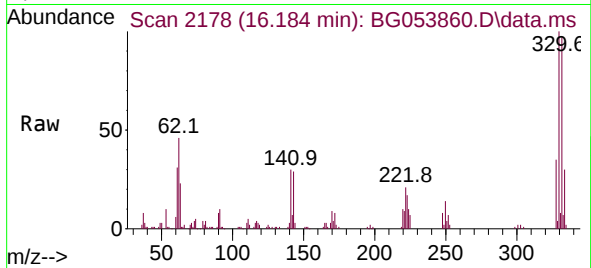




#65
4,6-Dinitro-2-methylphenol
Concen: 5.677 ng
RT: 16.184 min Scan# 2117
Delta R.T. 0.356 min
Lab File: BG053860.D
Acq: 9 Jun 2022 14:38

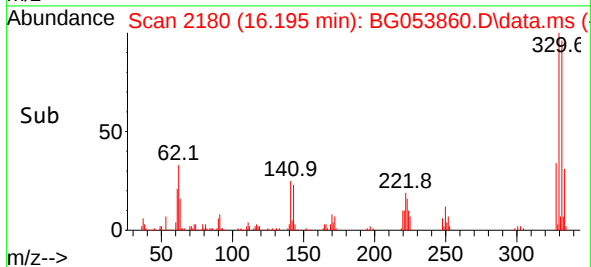
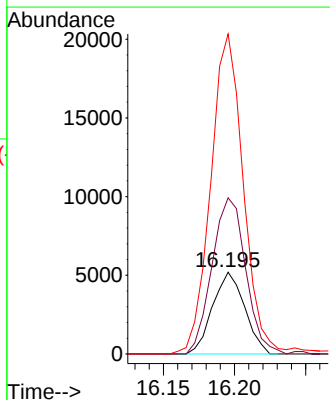
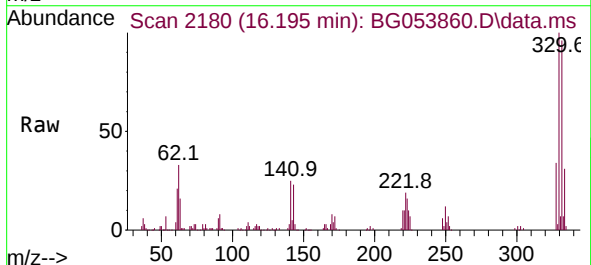
Instrument :
BNA_G
ClientSampleId :
CR-1

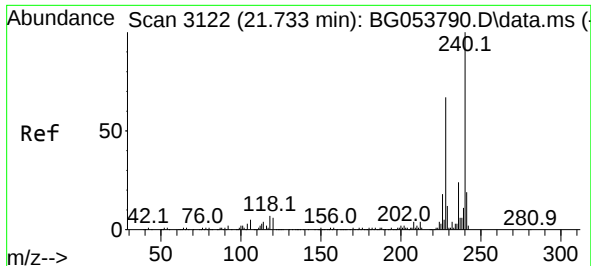
Tgt Ion:198 Resp: 56
Ion Ratio Lower Upper
198 100
51 0.0 28.1 68.1#
105 31.7 20.3 60.3



#67
4-Bromophenyl-phenylether
Concen: 4.279 ng
RT: 16.195 min Scan# 2180
Delta R.T. -0.449 min
Lab File: BG053860.D
Acq: 9 Jun 2022 14:38

Tgt Ion:248 Resp: 8130
Ion Ratio Lower Upper
248 100
250 190.4 75.2 112.8#
141 294.7 50.0 75.0#

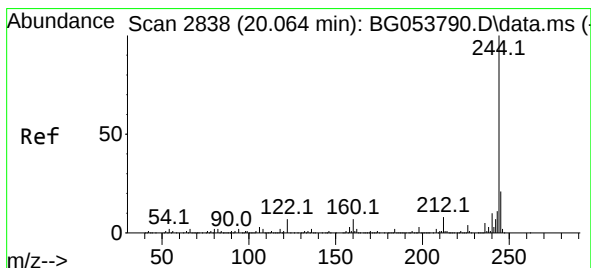
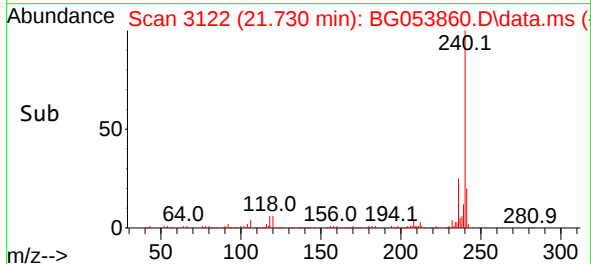
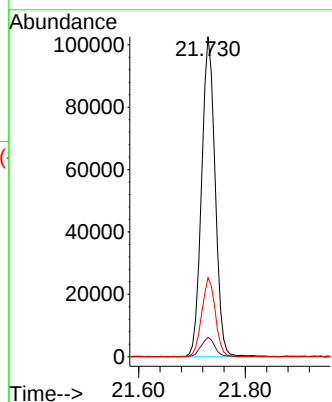
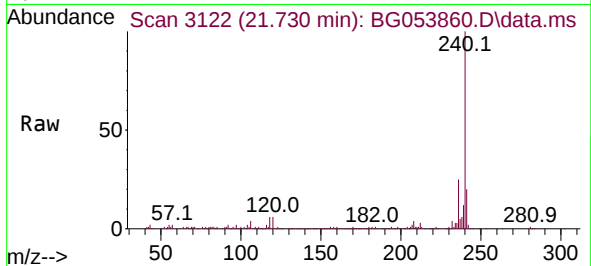




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.730 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG053860.D
Acq: 9 Jun 2022 14:38

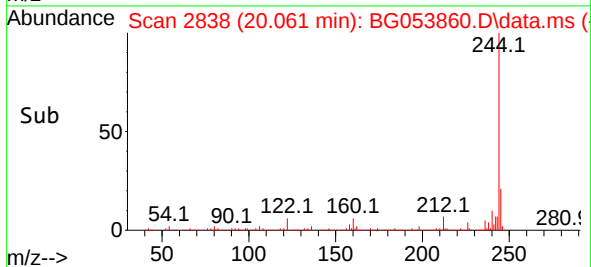
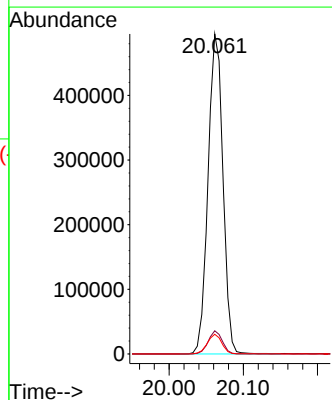
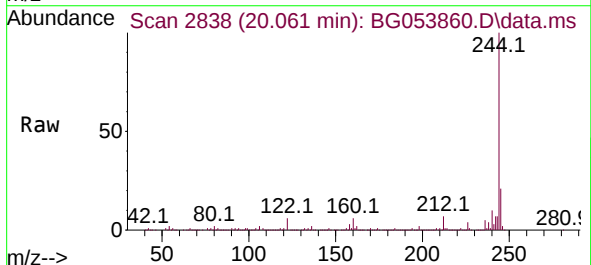
Instrument :
BNA_G
ClientSampleId :
CR-1

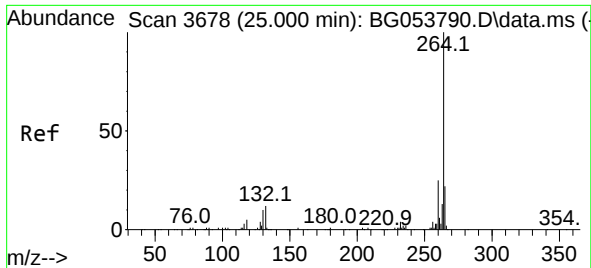
Tgt Ion:240 Resp: 180524
Ion Ratio Lower Upper
240 100
120 6.1 4.6 7.0
236 24.7 20.2 30.4



#79
Terphenyl-d14
Concen: 76.158 ng
RT: 20.061 min Scan# 2838
Delta R.T. -0.003 min
Lab File: BG053860.D
Acq: 9 Jun 2022 14:38

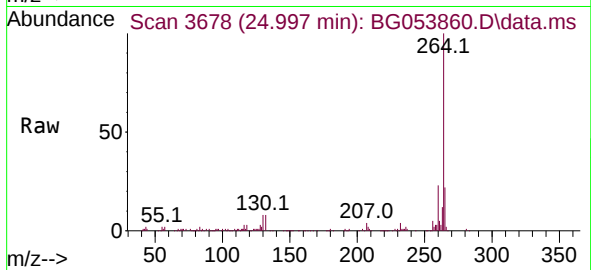
Tgt Ion:244 Resp: 691077
Ion Ratio Lower Upper
244 100
212 7.3 6.5 9.7
122 6.1 5.0 7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.997 min Scan# 30
Delta R.T. -0.003 min
Lab File: BG053860.D
Acq: 9 Jun 2022 14:38

Instrument :
BNA_G
ClientSampleId :
CR-1



Tgt Ion:264 Resp: 187811

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.0	28.6
265	22.1	17.4	26.2

