

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
 Data File : BG054191.D
 Acq On : 1 Jul 2022 14:57
 Operator : CG/JU
 Sample : N3561-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S-1

Quant Time: Jul 01 23:34:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 00:27:54 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

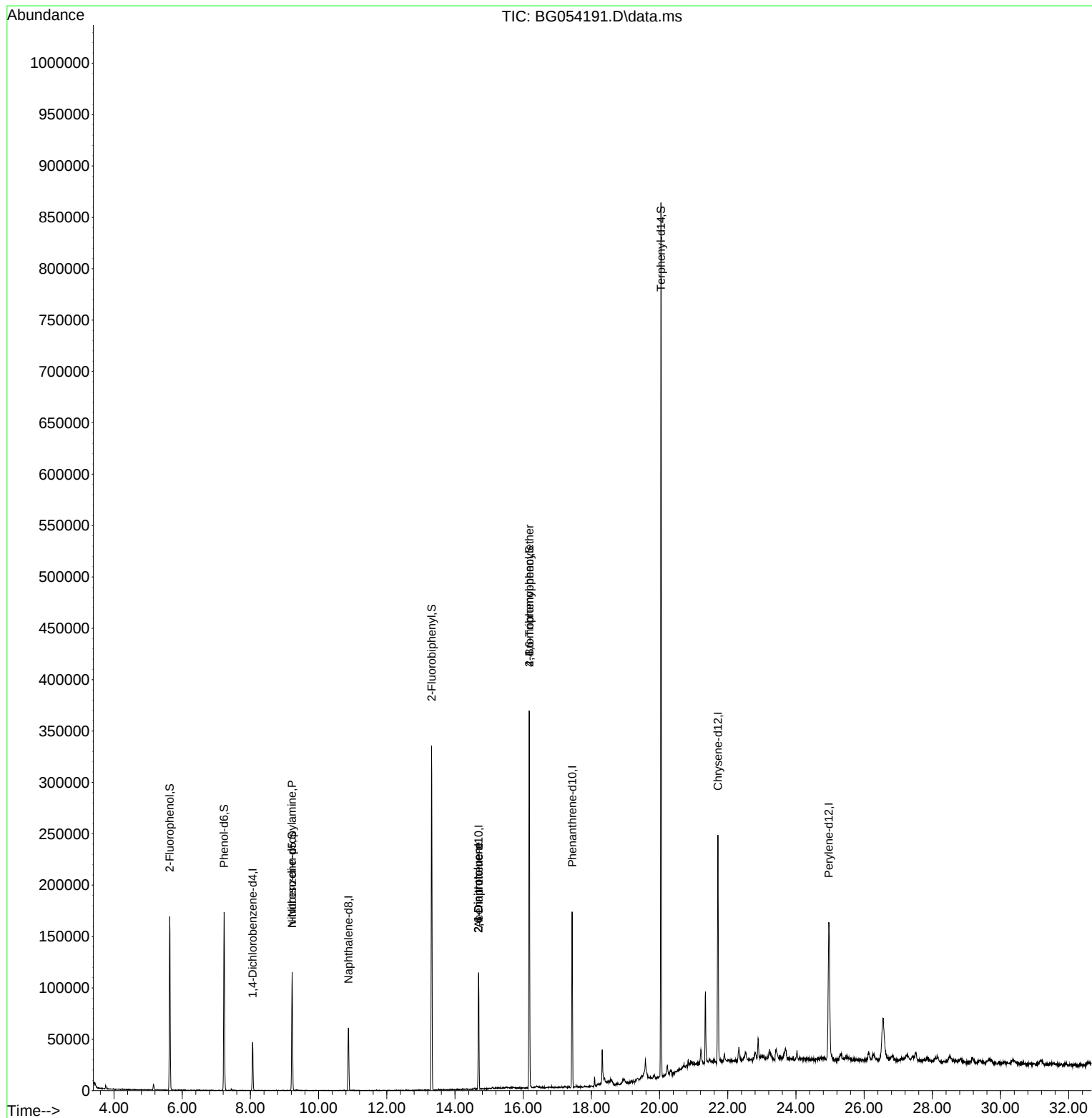
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.066	152	14669	20.000	ng	0.00
21) Naphthalene-d8	10.875	136	56437	20.000	ng	# 0.00
39) Acenaphthene-d10	14.694	164	45640	20.000	ng	0.00
64) Phenanthrene-d10	17.437	188	123378	20.000	ng	# 0.00
76) Chrysene-d12	21.709	240	153291	20.000	ng	#-0.01
86) Perylene-d12	24.964	264	160726	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	76215	99.336	ng	0.00
7) Phenol-d6	7.226	99	103239	99.190	ng	0.00
23) Nitrobenzene-d5	9.224	82	70207	69.907	ng	-0.01
42) 2,4,6-Tribromophenol	16.180	330	95308	129.974	ng	0.00
45) 2-Fluorobiphenyl	13.313	172	192534	61.343	ng	-0.01
79) Terphenyl-d14	20.040	244	478435	62.861	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.224	70	9869	14.114	ng	# 80
51) 2,6-Dinitrotoluene	14.688	165	6521	9.286	ng	# 16
57) 2,4-Dinitrotoluene	14.688	165	6521	6.575	ng	# 21
67) 4-Bromophenyl-phenylether	16.180	248	5842	3.791	ng	# 1

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

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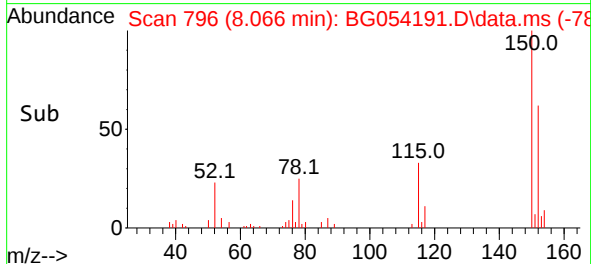
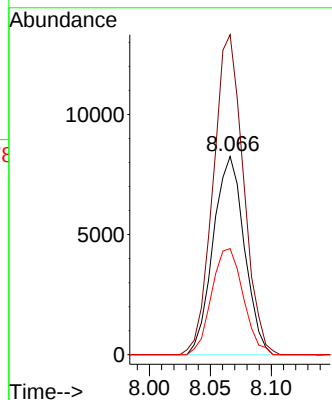
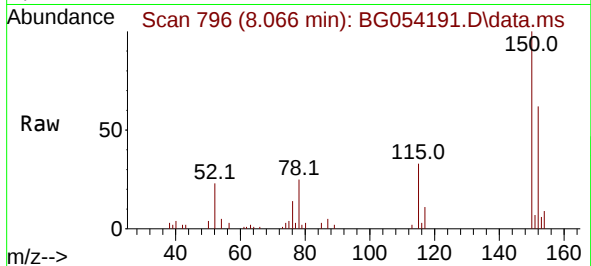




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.066 min Scan# 79
Delta R.T. -0.004 min
Lab File: BG054191.D
Acq: 1 Jul 2022 14:57

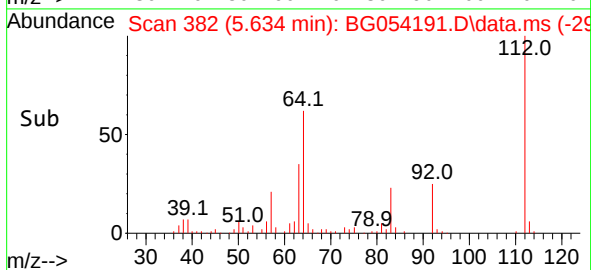
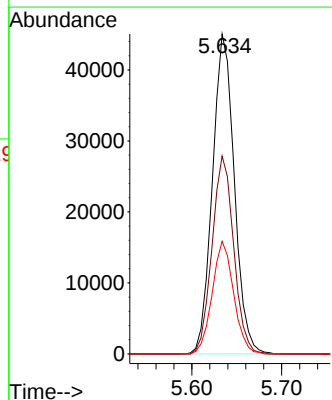
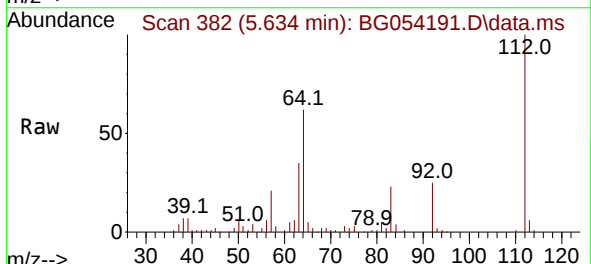
Instrument :
BNA_G
ClientSampleId :
S-1

Tgt Ion:152 Resp: 14669
Ion Ratio Lower Upper
152 100
150 161.4 131.6 197.4
115 53.5 50.9 76.3



#5
2-Fluorophenol
Concen: 99.336 ng
RT: 5.634 min Scan# 382
Delta R.T. -0.004 min
Lab File: BG054191.D
Acq: 1 Jul 2022 14:57

Tgt Ion:112 Resp: 76215
Ion Ratio Lower Upper
112 100
64 61.9 55.1 82.7
63 35.2 30.4 45.6

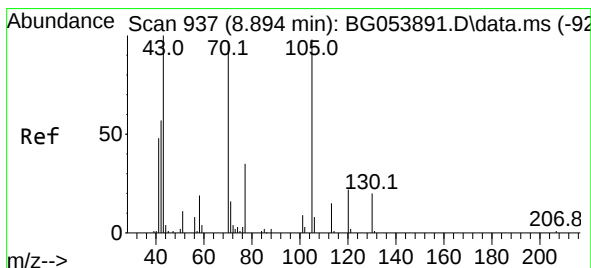
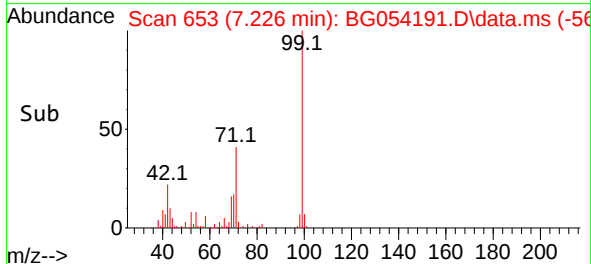
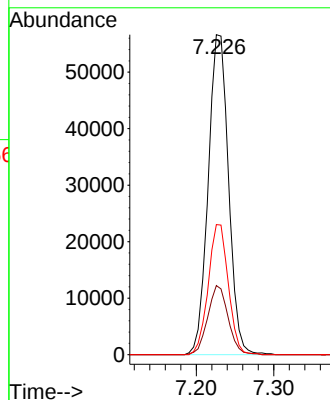
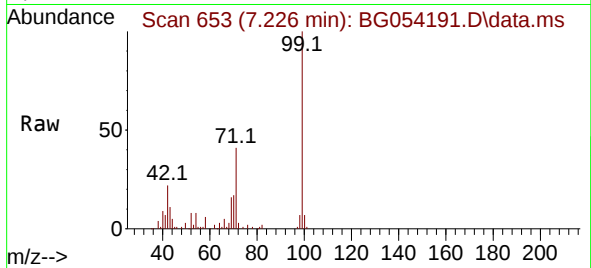




#7
Phenol-d6
Concen: 99.190 ng
RT: 7.226 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG054191.D
Acq: 1 Jul 2022 14:57

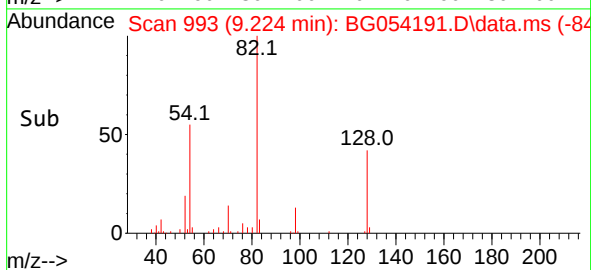
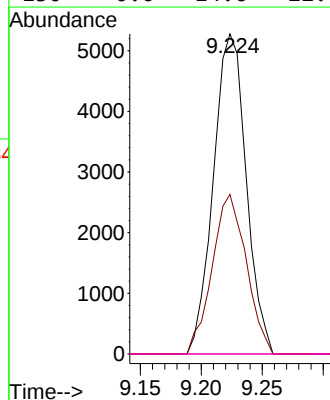
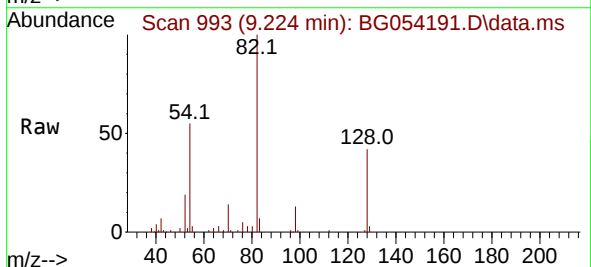
Instrument :
BNA_G
ClientSampleId :
S-1

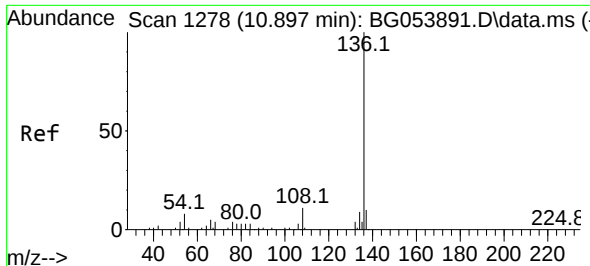
Tgt Ion: 99 Resp: 103239
Ion Ratio Lower Upper
99 100
42 21.6 17.0 25.6
71 40.6 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 14.114 ng
RT: 9.224 min Scan# 993
Delta R.T. 0.348 min
Lab File: BG054191.D
Acq: 1 Jul 2022 14:57

Tgt Ion: 70 Resp: 9869
Ion Ratio Lower Upper
70 100
42 49.9 47.3 70.9
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#

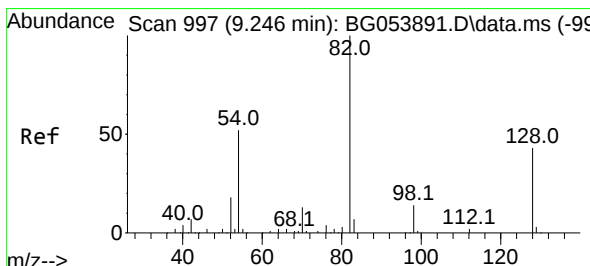
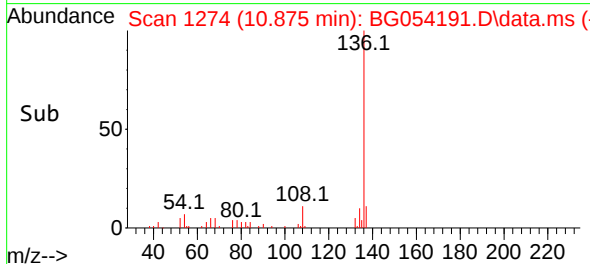
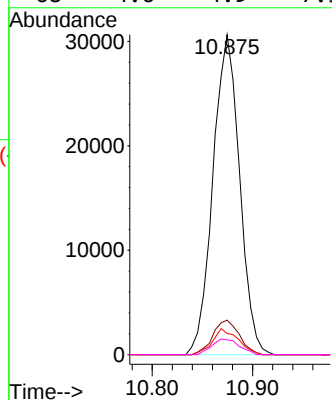
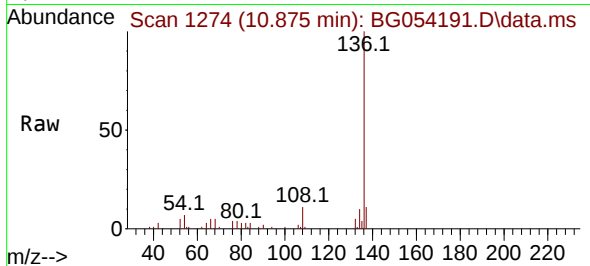




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.875 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG054191.D
Acq: 1 Jul 2022 14:57

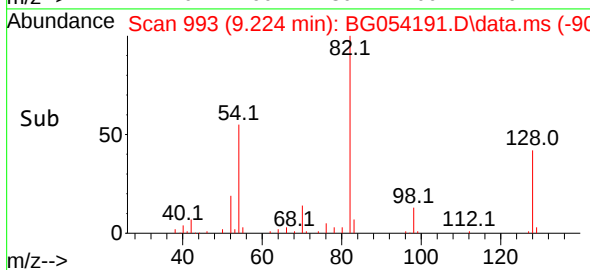
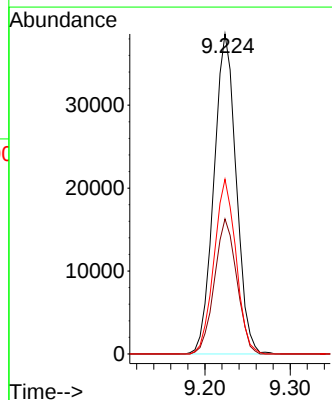
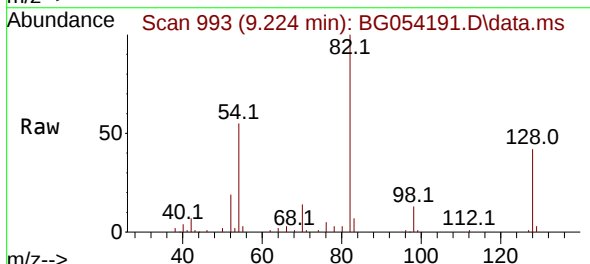
Instrument :
BNA_G
ClientSampleId :
S-1

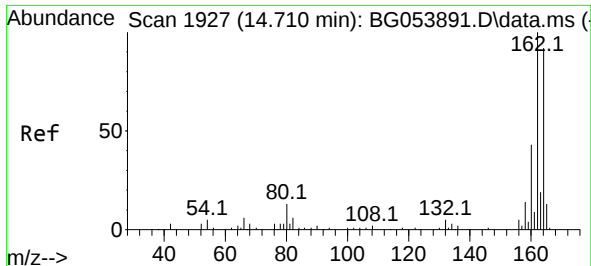
Tgt Ion:	136	Resp:	56437
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.5	12.7
54	6.6	7.4	11.2#
68	4.6	4.9	7.3#



#23
Nitrobenzene-d5
Concen: 69.907 ng
RT: 9.224 min Scan# 993
Delta R.T. -0.010 min
Lab File: BG054191.D
Acq: 1 Jul 2022 14:57

Tgt Ion:	82	Resp:	70207
Ion Ratio	Lower	Upper	
82	100		
128	42.2	27.9	41.9#
54	54.6	41.2	61.8

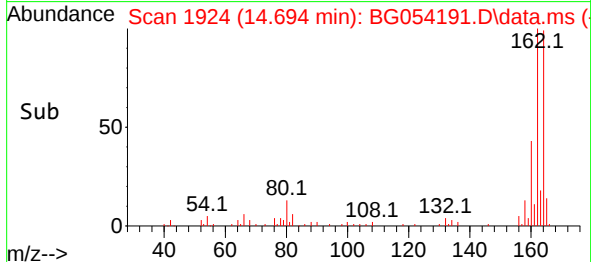
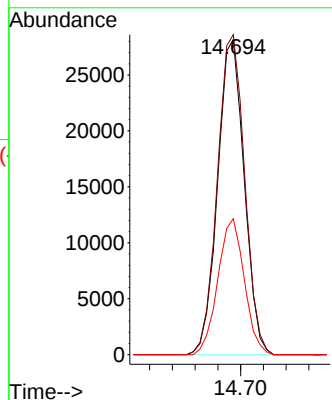
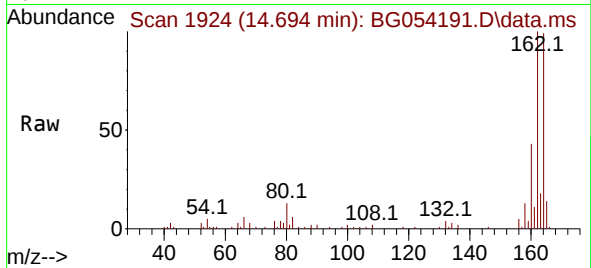




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.694 min Scan# 1924
Delta R.T. -0.004 min
Lab File: BG054191.D
Acq: 1 Jul 2022 14:57

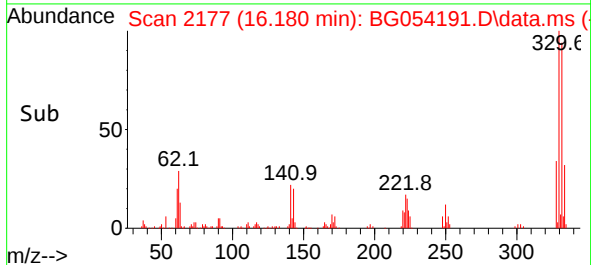
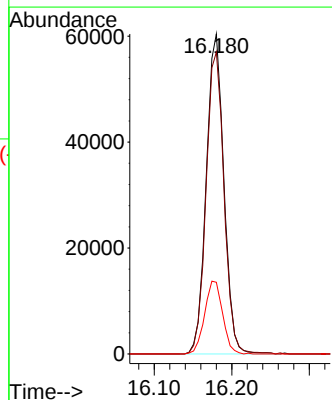
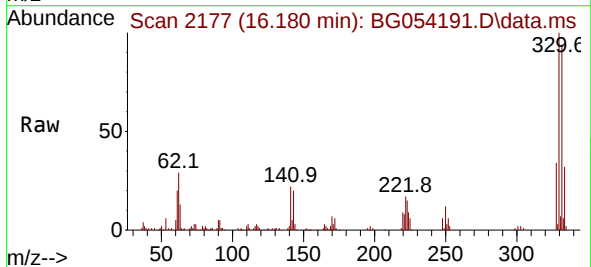
Instrument :
BNA_G
ClientSampleId :
S-1

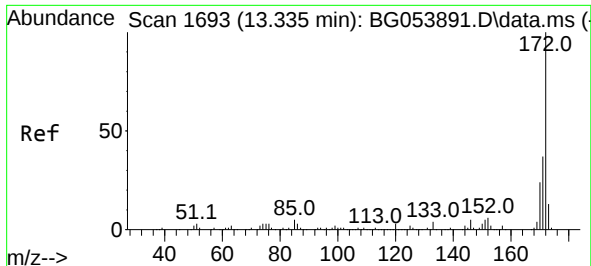
Tgt Ion:164 Resp: 45640
Ion Ratio Lower Upper
164 100
162 101.5 82.3 123.5
160 43.2 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 129.974 ng
RT: 16.180 min Scan# 2177
Delta R.T. -0.004 min
Lab File: BG054191.D
Acq: 1 Jul 2022 14:57

Tgt Ion:330 Resp: 95308
Ion Ratio Lower Upper
330 100
332 95.9 76.0 114.0
141 23.3 27.1 40.7#

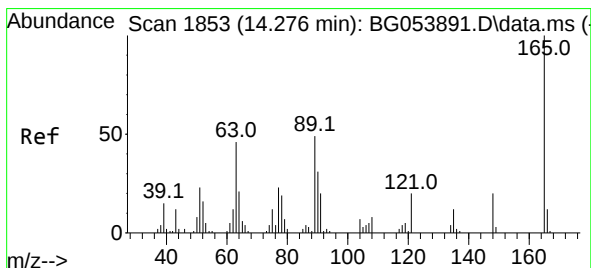
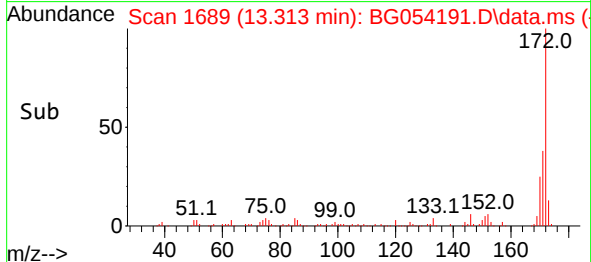
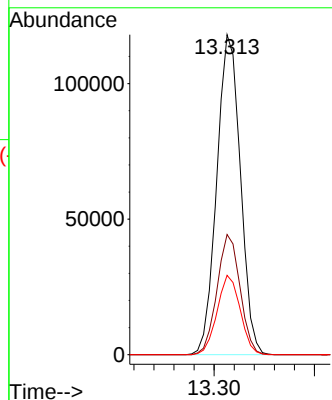
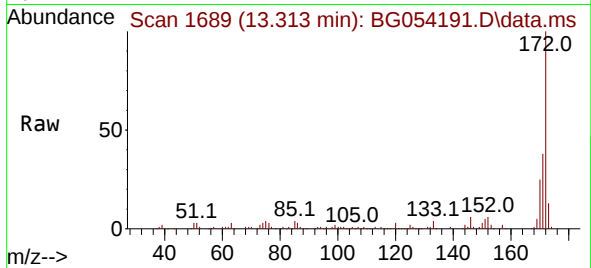




#45
2-Fluorobiphenyl
Concen: 61.343 ng
RT: 13.313 min Scan# 1
Delta R.T. -0.010 min
Lab File: BG054191.D
Acq: 1 Jul 2022 14:57

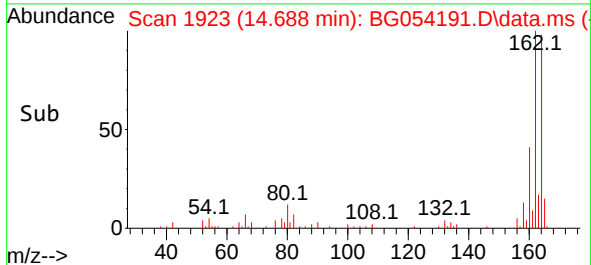
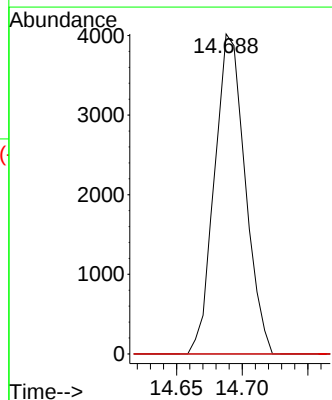
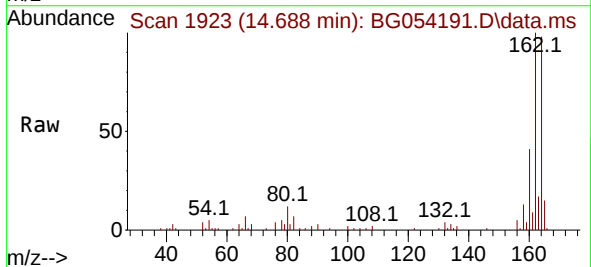
Instrument :
BNA_G
ClientSampleId :
S-1

Tgt Ion:172 Resp: 192534
Ion Ratio Lower Upper
172 100
171 37.6 28.5 42.7
170 24.8 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 9.286 ng
RT: 14.688 min Scan# 1923
Delta R.T. 0.425 min
Lab File: BG054191.D
Acq: 1 Jul 2022 14:57

Tgt Ion:165 Resp: 6521
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: 6.575 ng

RT: 14.688 min Scan# 1987

Delta R.T. -0.363 min

Lab File: BG054191.D

Acq: 1 Jul 2022 14:57

Instrument :

BNA_G

ClientSampleId :

S-1

Tgt Ion:165 Resp: 6521

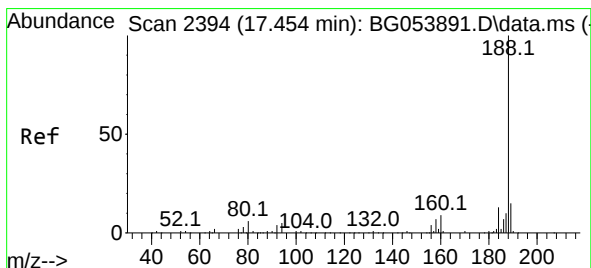
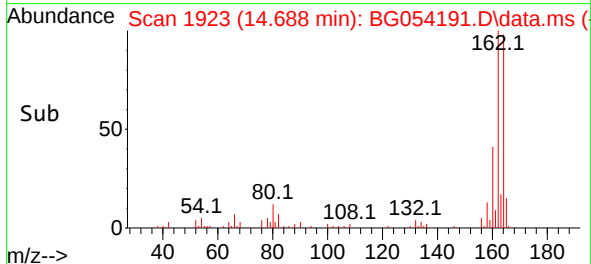
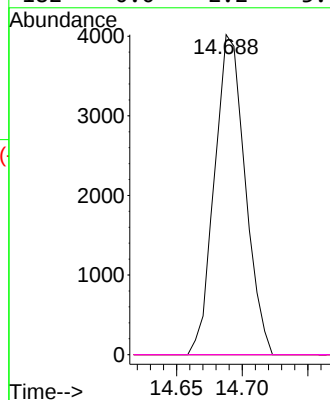
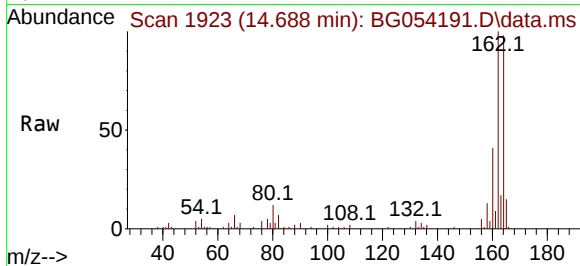
Ion Ratio Lower Upper

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: 17.437 min Scan# 2391

Delta R.T. -0.004 min

Lab File: BG054191.D

Acq: 1 Jul 2022 14:57

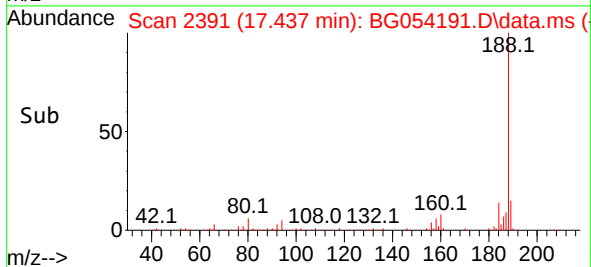
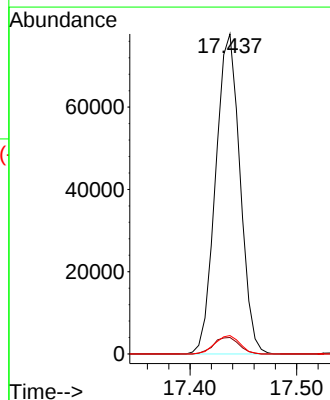
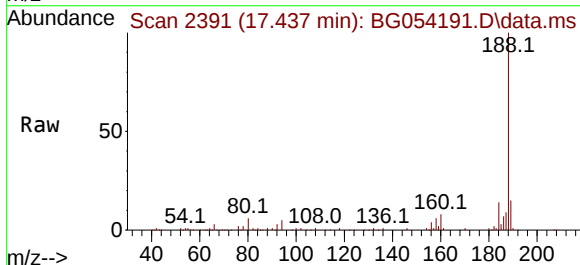
Tgt Ion:188 Resp: 123378

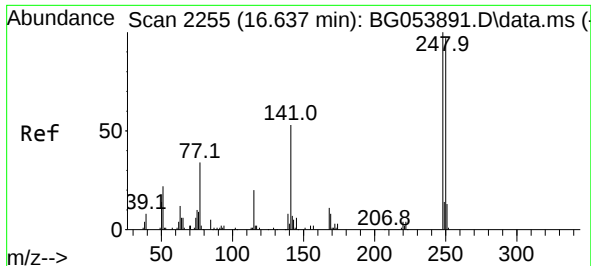
Ion Ratio Lower Upper

188 100

94 5.1 5.4 8.0#

80 5.7 6.8 10.2#

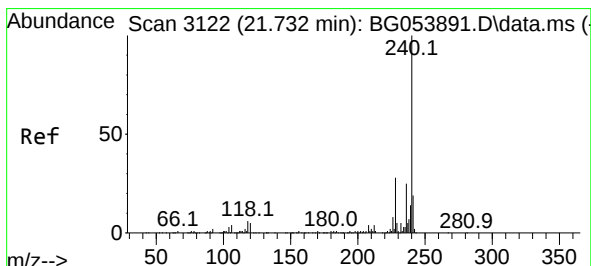
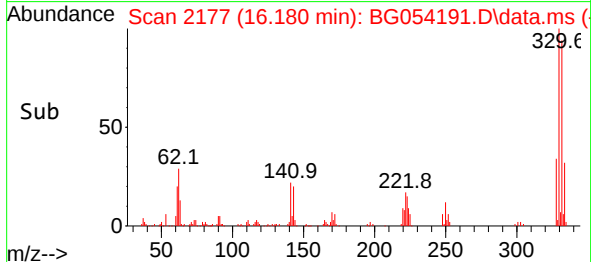
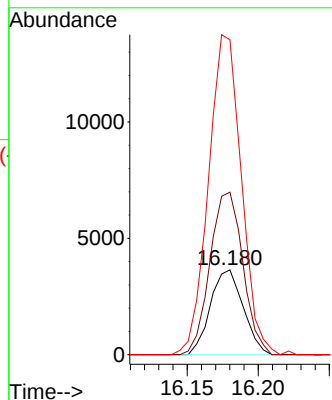
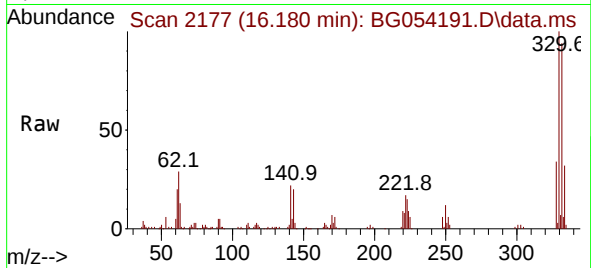




#67
4-Bromophenyl-phenylether
Concen: 3.791 ng
RT: 16.180 min Scan# 2177
Delta R.T. -0.445 min
Lab File: BG054191.D
Acq: 1 Jul 2022 14:57

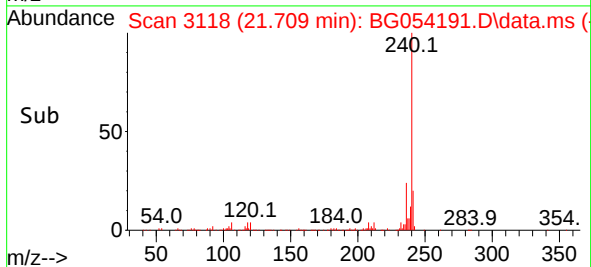
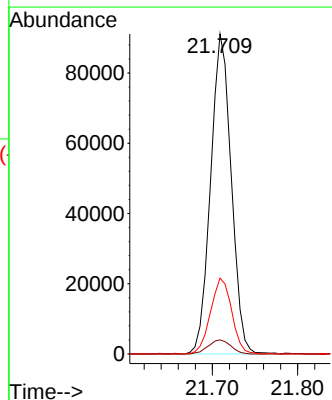
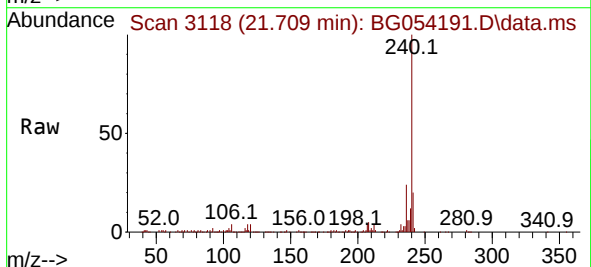
Instrument :
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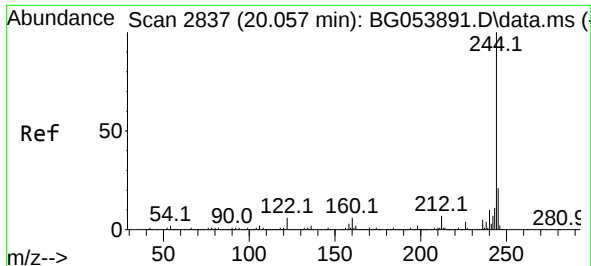
Tgt Ion:248 Resp: 5842
Ion Ratio Lower Upper
248 100
250 243.0 75.2 112.8#
141 371.1 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.709 min Scan# 3118
Delta R.T. -0.010 min
Lab File: BG054191.D
Acq: 1 Jul 2022 14:57

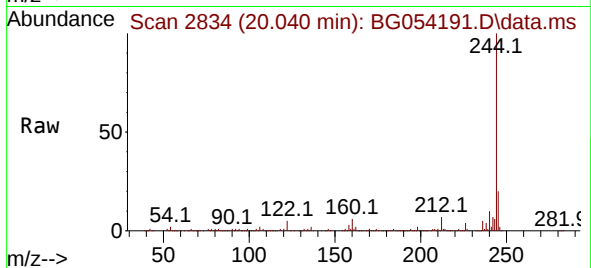
Tgt Ion:240 Resp: 153291
Ion Ratio Lower Upper
240 100
120 4.4 4.6 7.0#
236 23.7 20.2 30.4



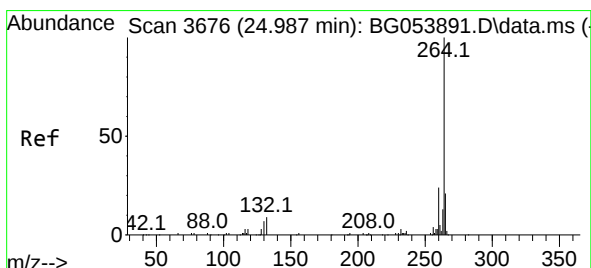
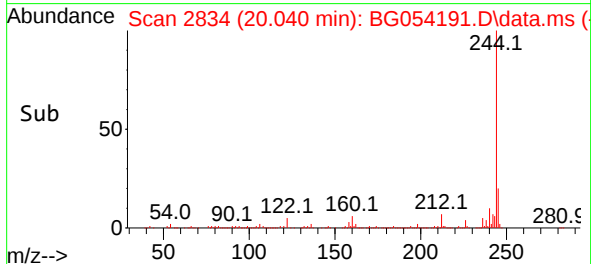
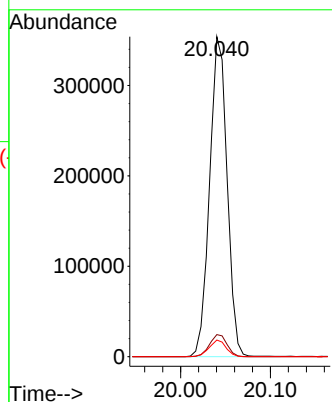


#79
 Terphenyl-d14
 Concen: 62.861 ng
 RT: 20.040 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG054191.D
 Acq: 1 Jul 2022 14:57

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion:244 Resp: 478435
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.5 9.7
 122 5.2 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.964 min Scan# 3672
 Delta R.T. 0.002 min
 Lab File: BG054191.D
 Acq: 1 Jul 2022 14:57

Tgt Ion:264 Resp: 160726
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.0 28.6
 265 21.8 17.4 26.2

