

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041822\
 Data File : BG053190.D
 Acq On : 18 Apr 2022 21:30
 Operator : CG/JU
 Sample : N2444-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-7

Quant Time: Apr 19 04:21:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 15:31:24 2022
 Response via : Initial Calibration

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

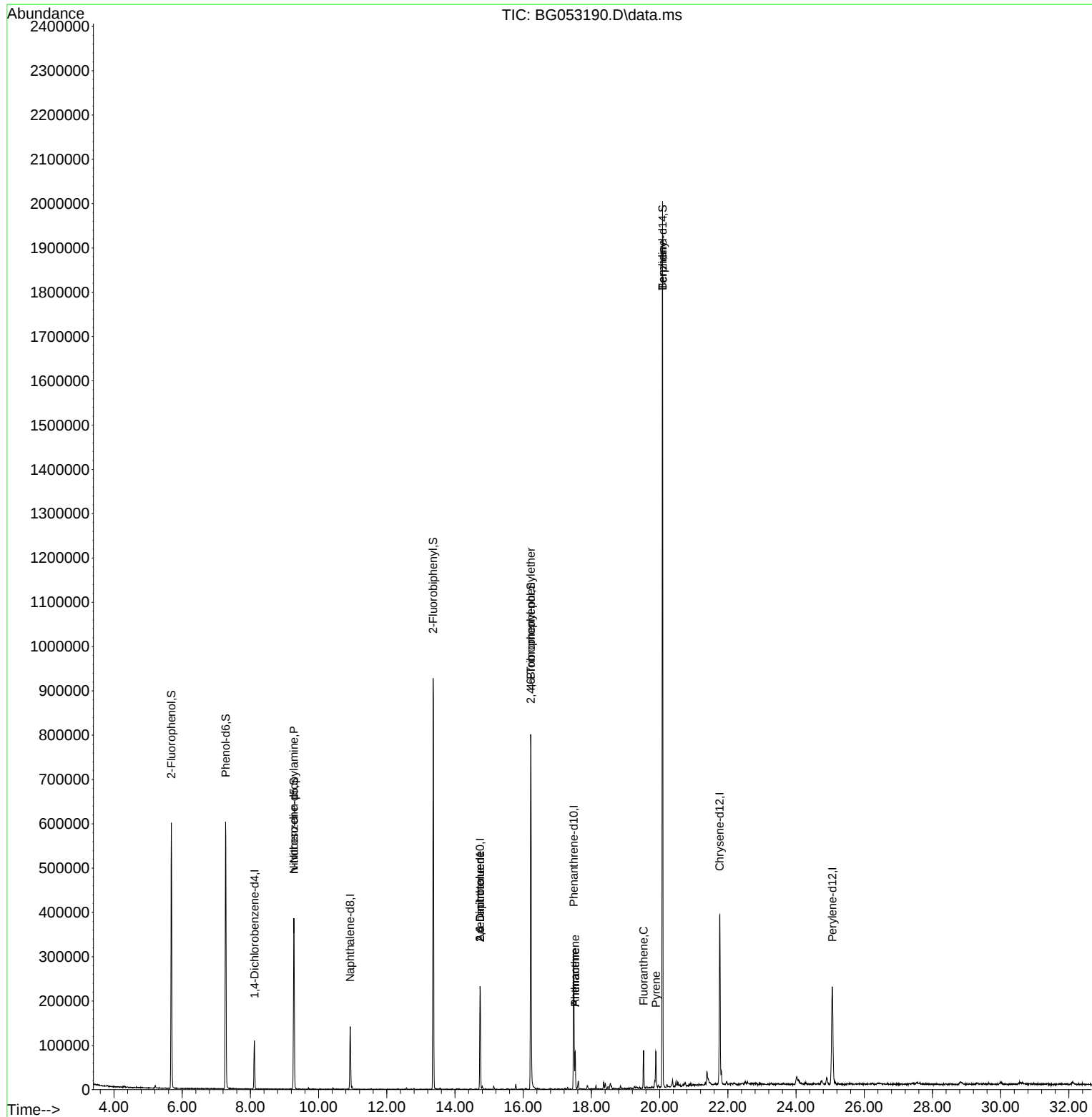
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.120	152	29774	20.000	ng	0.00
21) Naphthalene-d8	10.928	136	116435	20.000	ng	0.00
39) Acenaphthene-d10	14.735	164	83367	20.000	ng	-0.01
64) Phenanthrene-d10	17.484	188	212275	20.000	ng	0.00
76) Chrysene-d12	21.760	240	245145	20.000	ng	-0.01
86) Perylene-d12	25.062	264	254617	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.682	112	241022	138.764	ng	0.00
7) Phenol-d6	7.274	99	343156	128.114	ng	0.00
23) Nitrobenzene-d5	9.277	82	243786	85.014	ng	0.00
42) 2,4,6-Tribromophenol	16.227	330	167839	126.543	ng	0.00
45) 2-Fluorobiphenyl	13.360	172	494411	81.776	ng	0.00
79) Terphenyl-d14	20.086	244	1025522	70.652	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.277	70	35974	18.345	ng	# 78
51) 2,6-Dinitrotoluene	14.735	165	11383	8.183	ng	# 24
57) 2,4-Dinitrotoluene	14.735	165	11383	5.748	ng	# 22
67) 4-Bromophenyl-phenylether	16.221	248	11066	4.068	ng	# 1
71) Phenanthrene	17.525	178	57045	4.920	ng	96
72) Anthracene	17.525	178	57045	4.966	ng	98
75) Fluoranthene	19.528	202	58505	3.936	ng	98
77) Benzidine	20.086	184	17150	2.452	ng	# 92
78) Pyrene	19.892	202	50219	2.876	ng	96

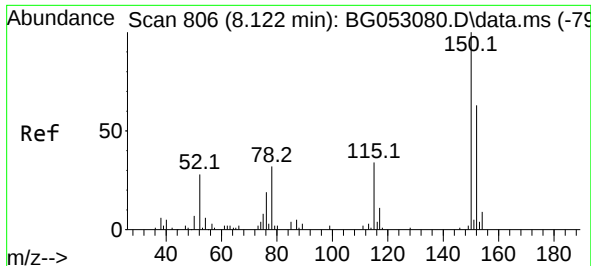
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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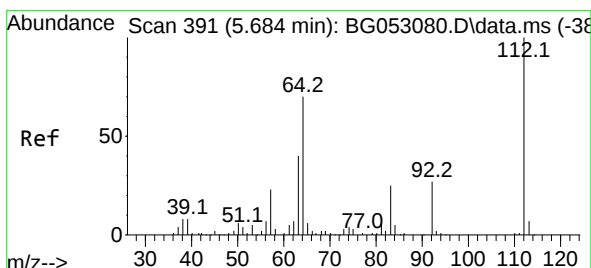
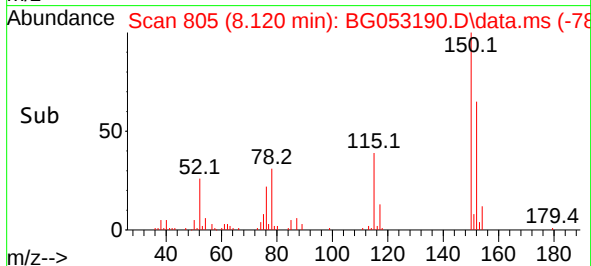
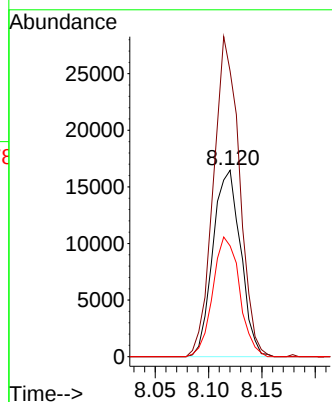
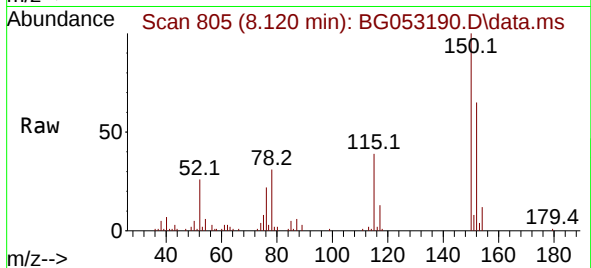




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.120 min Scan# 806
Delta R.T. -0.002 min
Lab File: BG053190.D
Acq: 18 Apr 2022 21:30

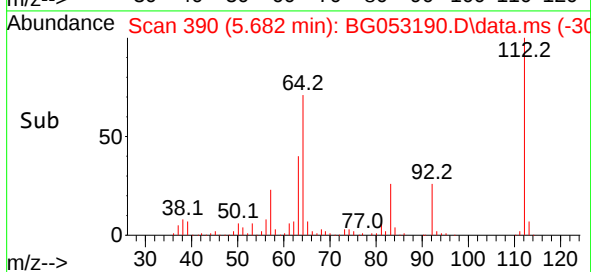
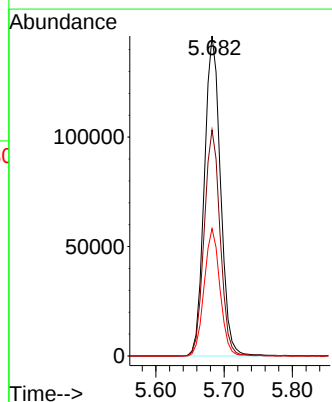
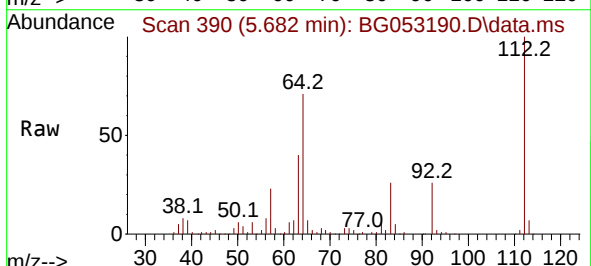
Instrument :
BNA_G
ClientSampleId :
SB-7

Tgt Ion:152 Resp: 29774
Ion Ratio Lower Upper
152 100
150 153.1 114.6 172.0
115 59.4 45.9 68.9



#5
2-Fluorophenol
Concen: 138.764 ng
RT: 5.682 min Scan# 390
Delta R.T. -0.002 min
Lab File: BG053190.D
Acq: 18 Apr 2022 21:30

Tgt Ion:112 Resp: 241022
Ion Ratio Lower Upper
112 100
64 70.6 48.0 72.0
63 39.8 26.5 39.7#

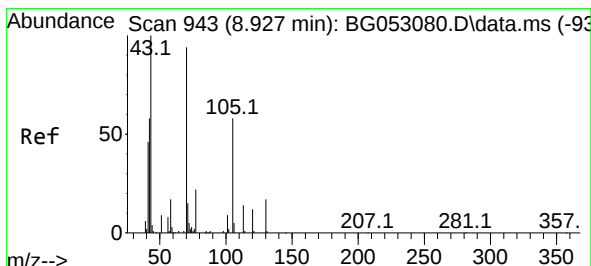
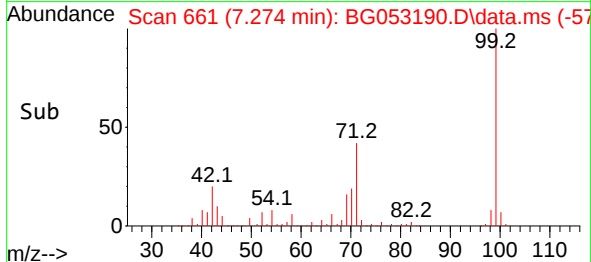
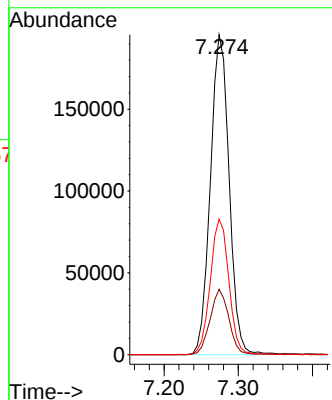
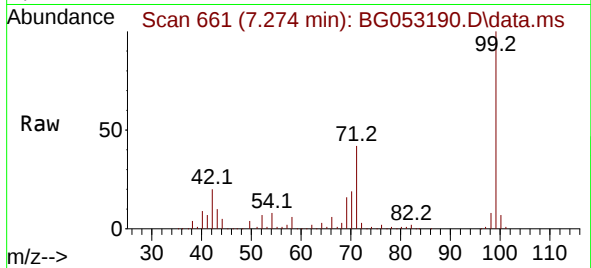




#7
Phenol-d6
Concen: 128.114 ng
RT: 7.274 min Scan# 60
Delta R.T. -0.008 min
Lab File: BG053190.D
Acq: 18 Apr 2022 21:30

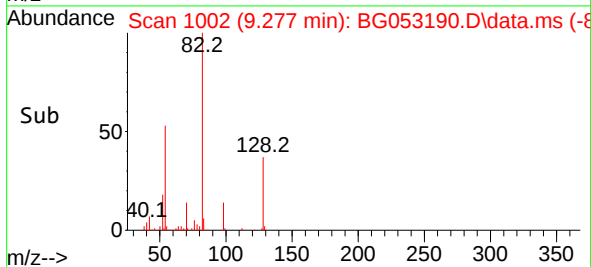
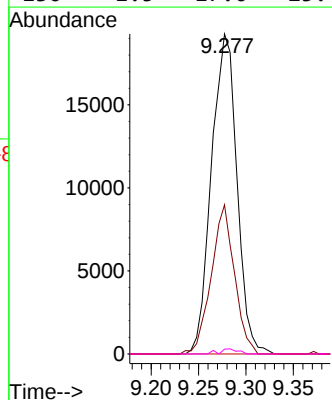
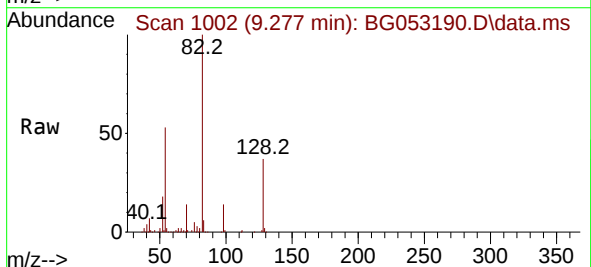
Instrument :
BNA_G
ClientSampleId :
SB-7

Tgt Ion: 99 Resp: 343156
Ion Ratio Lower Upper
99 100
42 20.5 14.7 22.1
71 42.3 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.345 ng
RT: 9.277 min Scan# 1002
Delta R.T. 0.351 min
Lab File: BG053190.D
Acq: 18 Apr 2022 21:30

Tgt Ion: 70 Resp: 35974
Ion Ratio Lower Upper
70 100
42 46.6 46.0 69.0
101 0.0 6.2 9.4#
130 1.5 17.0 25.4#

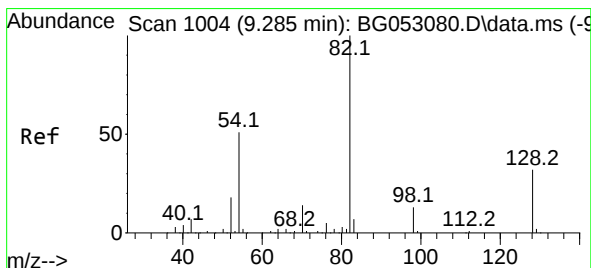
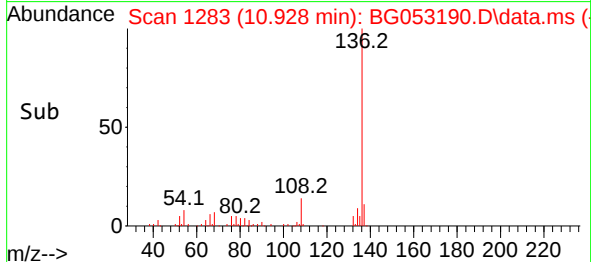
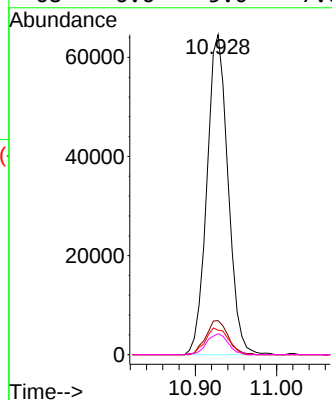
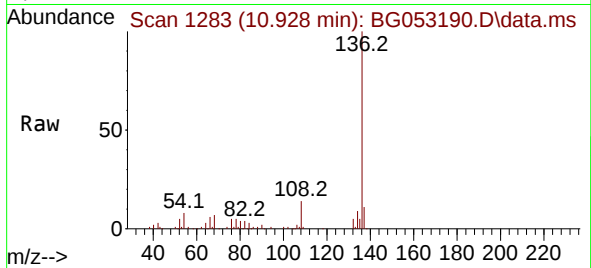




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.928 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG053190.D
Acq: 18 Apr 2022 21:30

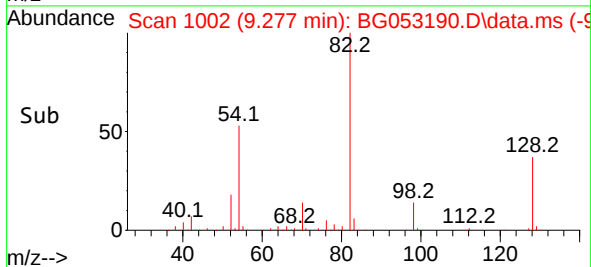
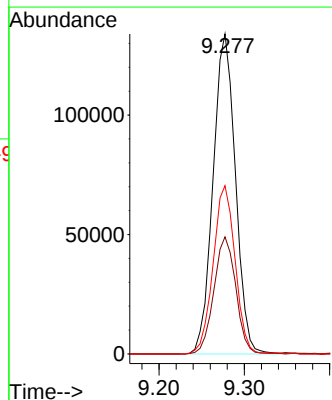
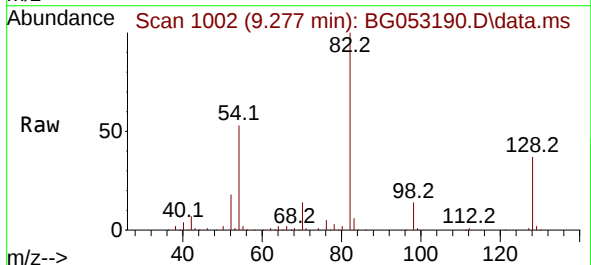
Instrument :
BNA_G
ClientSampleId :
SB-7

Tgt Ion:	136	Resp:	116435
Ion Ratio	Lower	Upper	
136	100		
137	10.7	9.4	14.2
54	7.6	6.4	9.6
68	6.6	5.0	7.6



#23
Nitrobenzene-d5
Concen: 85.014 ng
RT: 9.277 min Scan# 1002
Delta R.T. -0.008 min
Lab File: BG053190.D
Acq: 18 Apr 2022 21:30

Tgt Ion:	82	Resp:	243786
Ion Ratio	Lower	Upper	
82	100		
128	36.6	31.3	46.9
54	52.6	37.8	56.8

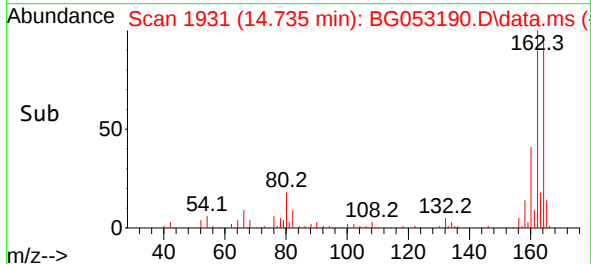
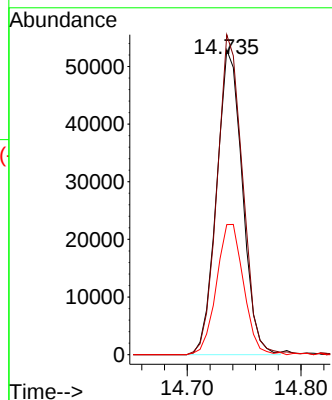
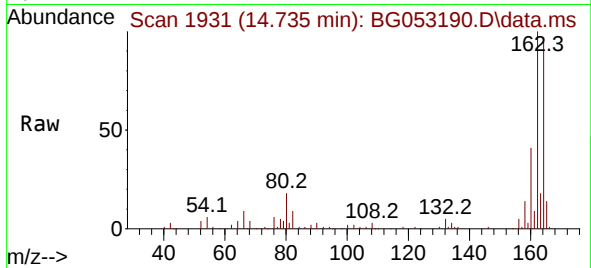




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.735 min Scan# 1931
 Delta R.T. -0.014 min
 Lab File: BG053190.D
 Acq: 18 Apr 2022 21:30

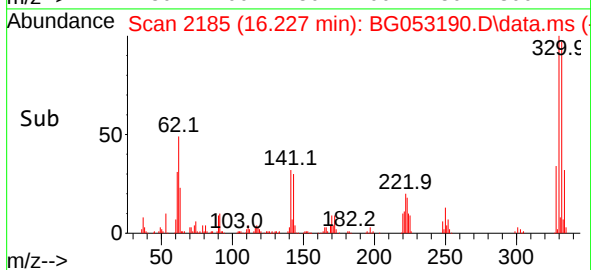
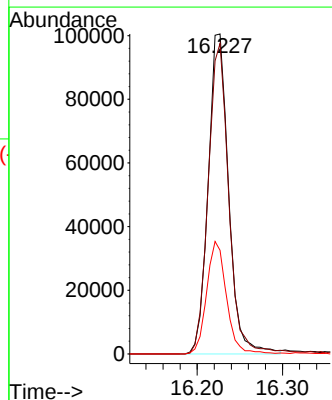
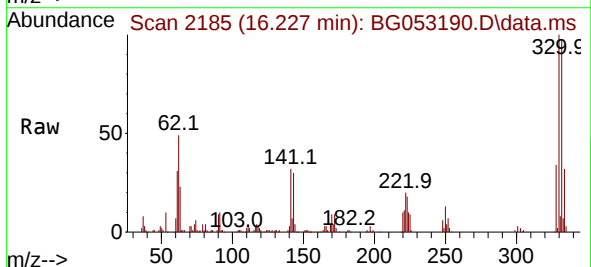
Instrument :
 BNA_G
 ClientSampleId :
 SB-7

Tgt Ion:164	Resp:	83367
Ion Ratio	Lower	Upper
164	100	
162	105.0	80.0 120.0
160	42.7	38.8 58.2



#42
 2,4,6-Tribromophenol
 Concen: 126.543 ng
 RT: 16.227 min Scan# 2185
 Delta R.T. -0.008 min
 Lab File: BG053190.D
 Acq: 18 Apr 2022 21:30

Tgt Ion:330	Resp:	167839
Ion Ratio	Lower	Upper
330	100	
332	97.5	75.8 113.6
141	34.1	24.6 36.8

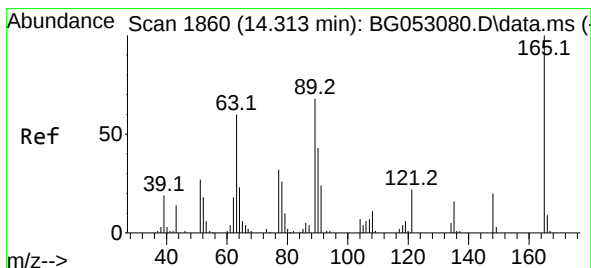
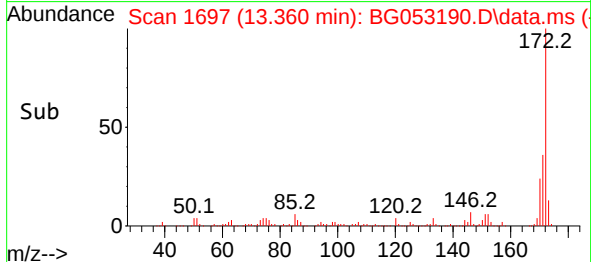
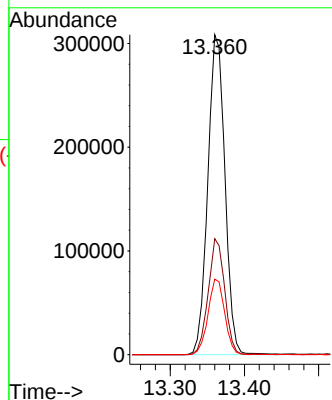
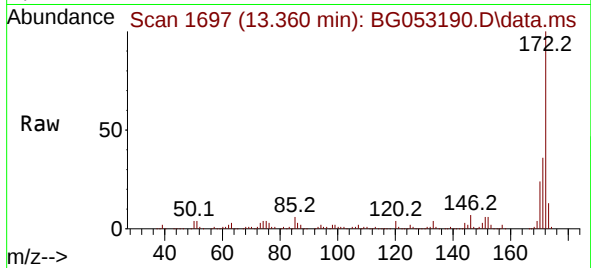




#45
2-Fluorobiphenyl
Concen: 81.776 ng
RT: 13.360 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG053190.D
Acq: 18 Apr 2022 21:30

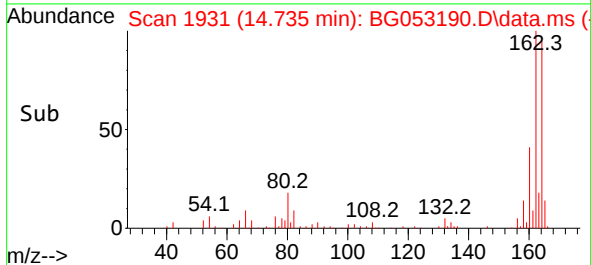
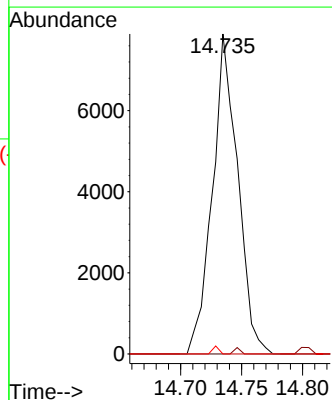
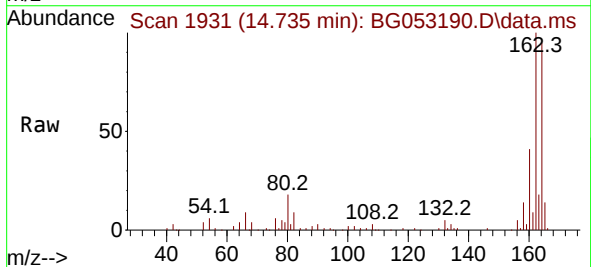
Instrument :
BNA_G
ClientSampleId :
SB-7

Tgt Ion:172 Resp: 494411
Ion Ratio Lower Upper
172 100
171 36.3 28.3 42.5
170 23.6 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 8.183 ng
RT: 14.735 min Scan# 1931
Delta R.T. 0.421 min
Lab File: BG053190.D
Acq: 18 Apr 2022 21:30

Tgt Ion:165 Resp: 11383
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 0.0 45.0 67.4#





#57

2,4-Dinitrotoluene

Concen: 5.748 ng

RT: 14.735 min Scan# 1994

Delta R.T. -0.366 min

Lab File: BG053190.D

Acq: 18 Apr 2022 21:30

Instrument :

BNA_G

ClientSampleId :

SB-7

Tgt Ion:165 Resp: 11383

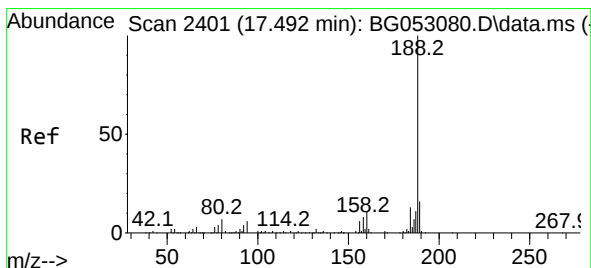
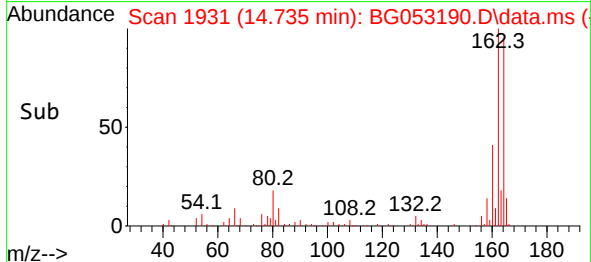
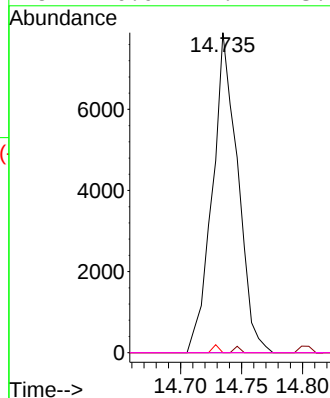
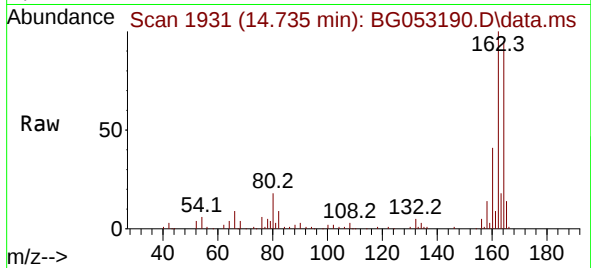
Ion Ratio Lower Upper

165 100

63 0.0 34.8 52.2#

89 0.0 57.4 86.0#

182 0.0 2.1 3.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.484 min Scan# 2399

Delta R.T. -0.008 min

Lab File: BG053190.D

Acq: 18 Apr 2022 21:30

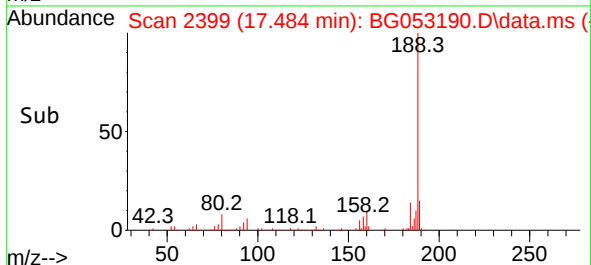
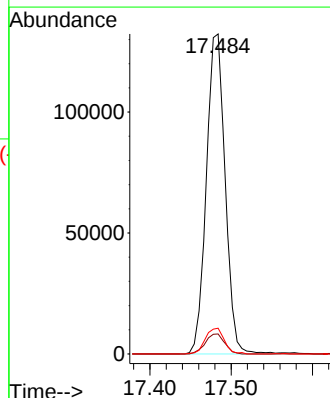
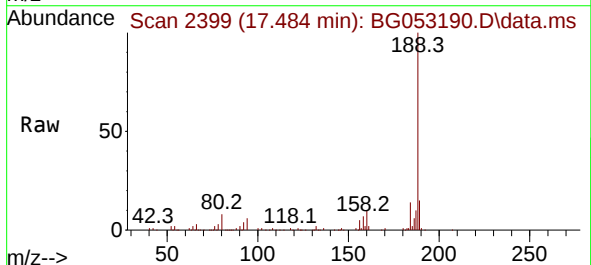
Tgt Ion:188 Resp: 212275

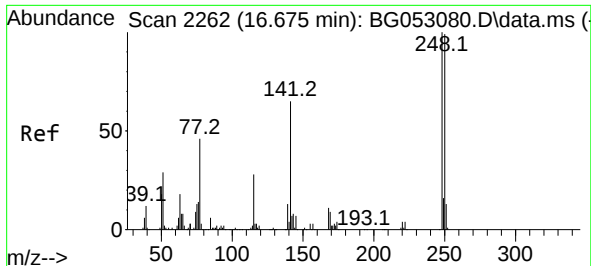
Ion Ratio Lower Upper

188 100

94 6.3 5.7 8.5

80 8.0 7.2 10.8

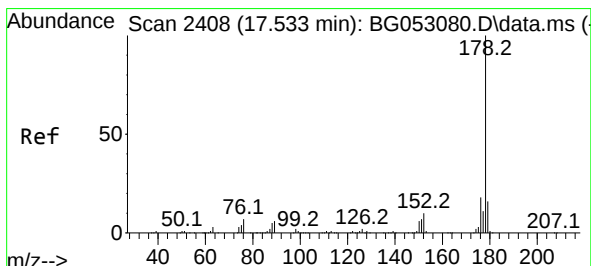
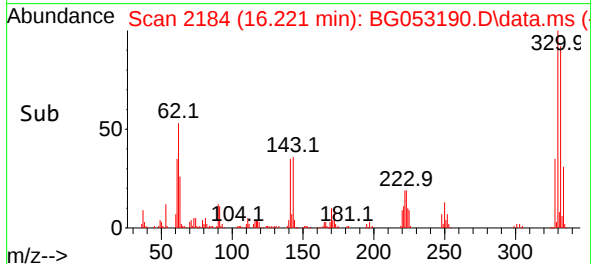
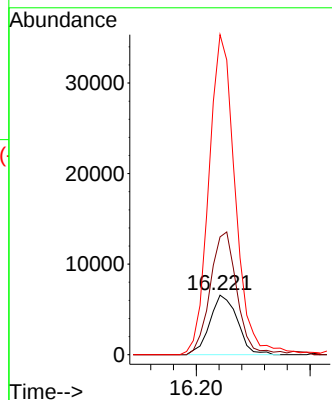
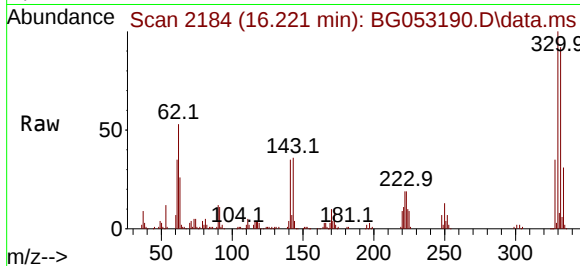




#67
4-Bromophenyl-phenylether
Concen: 4.068 ng
RT: 16.221 min Scan# 211
Delta R.T. -0.454 min
Lab File: BG053190.D
Acq: 18 Apr 2022 21:30

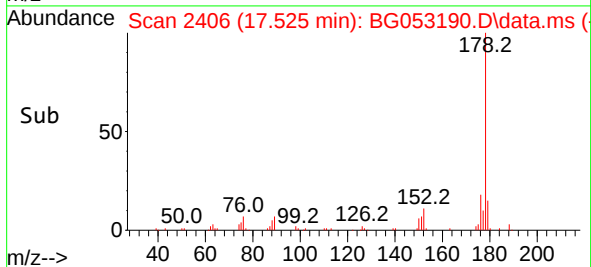
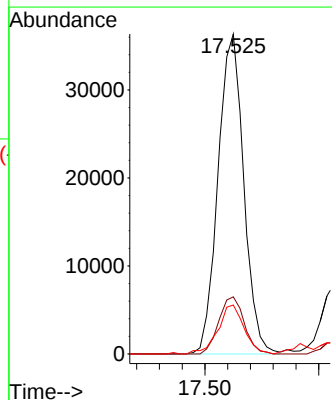
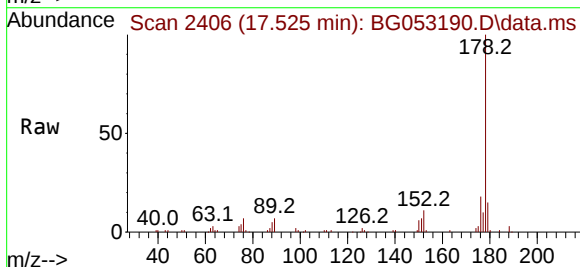
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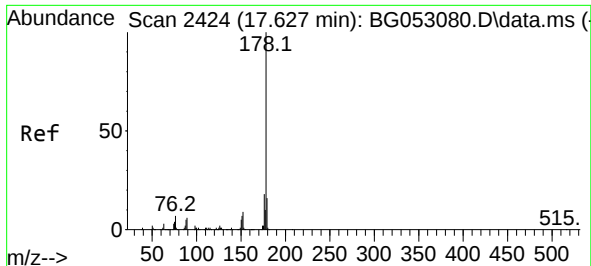
Tgt Ion:248 Resp: 11066
Ion Ratio Lower Upper
248 100
250 198.1 77.9 116.9#
141 538.0 49.2 73.8#



#71
Phenanthrene
Concen: 4.920 ng
RT: 17.525 min Scan# 2406
Delta R.T. -0.008 min
Lab File: BG053190.D
Acq: 18 Apr 2022 21:30

Tgt Ion:178 Resp: 57045
Ion Ratio Lower Upper
178 100
176 17.9 15.9 23.9
179 15.3 13.4 20.2

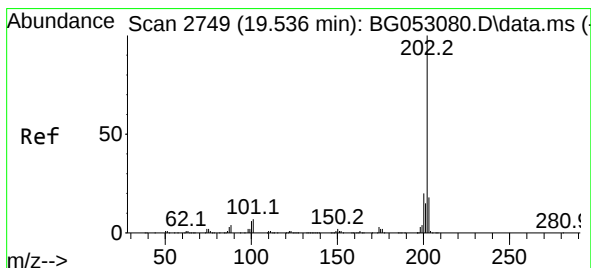
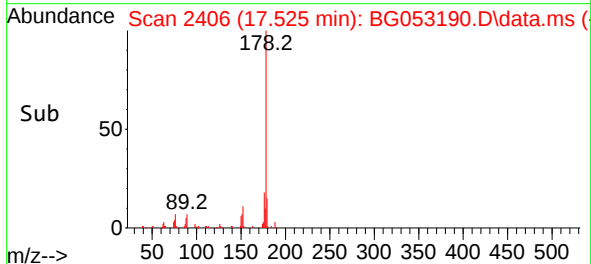
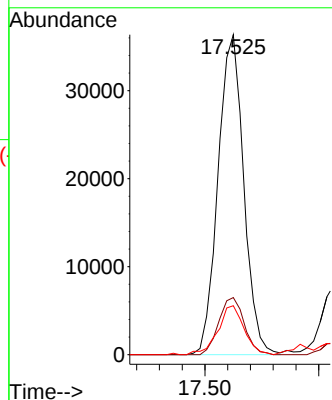
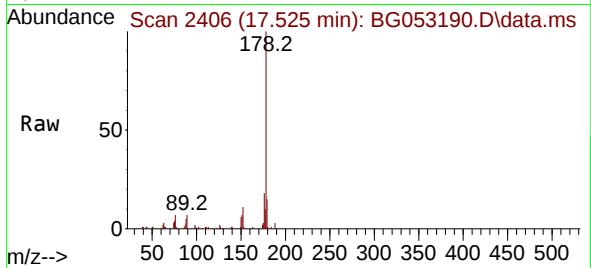




#72
 Anthracene
 Concen: 4.966 ng
 RT: 17.525 min Scan# 2424
 Delta R.T. -0.102 min
 Lab File: BG053190.D
 Acq: 18 Apr 2022 21:30

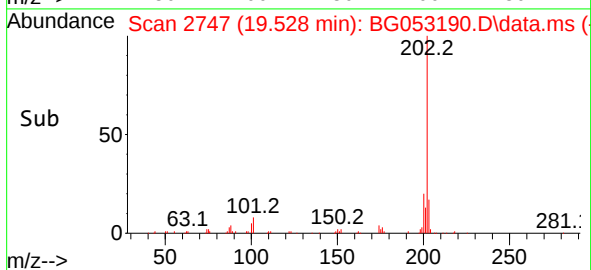
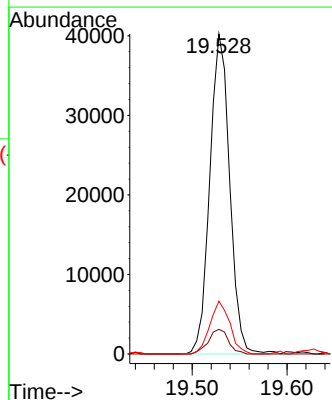
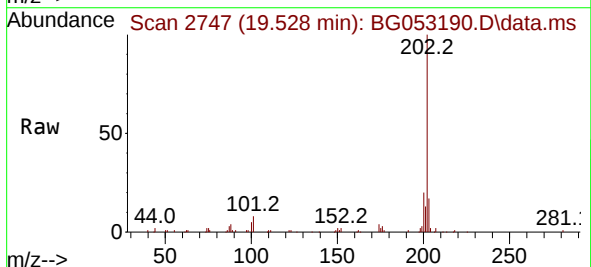
Instrument :
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 ClientSampleId :
 SB-7

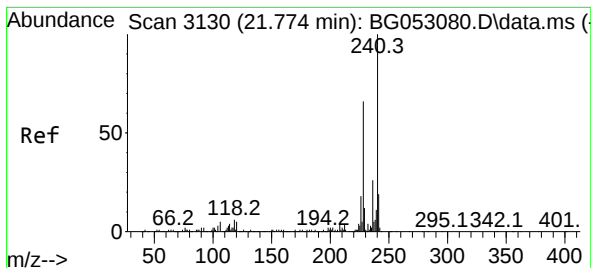
Tgt Ion:178 Resp: 57045
 Ion Ratio Lower Upper
 178 100
 176 17.9 14.7 22.1
 179 15.3 13.2 19.8



#75
 Fluoranthene
 Concen: 3.936 ng
 RT: 19.528 min Scan# 2747
 Delta R.T. -0.008 min
 Lab File: BG053190.D
 Acq: 18 Apr 2022 21:30

Tgt Ion:202 Resp: 58505
 Ion Ratio Lower Upper
 202 100
 101 7.7 0.0 27.3
 203 16.5 0.0 37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.760 min Scan# 31

Delta R.T. -0.014 min

Lab File: BG053190.D

Acq: 18 Apr 2022 21:30

Instrument :

BNA_G

ClientSampleId :

SB-7

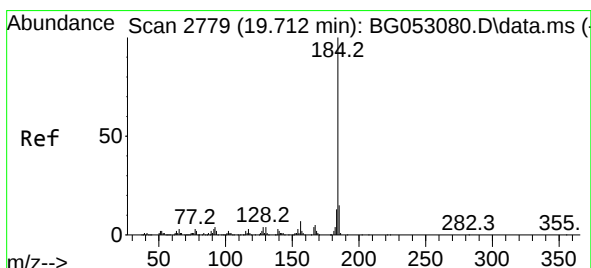
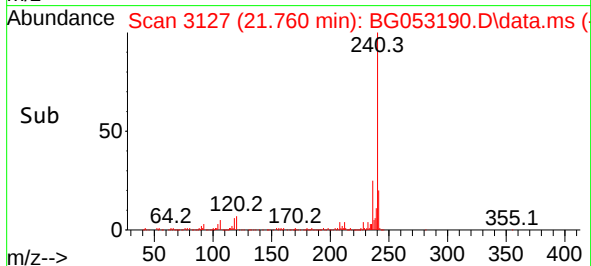
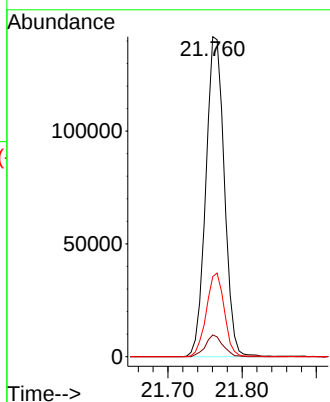
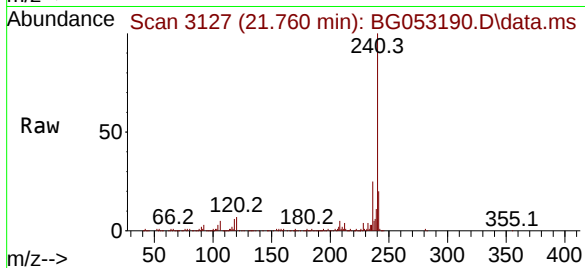
Tgt Ion:240 Resp: 245145

Ion Ratio Lower Upper

240 100

120 6.8 5.4 8.0

236 25.0 19.8 29.6



#77

Benzidine

Concen: 2.452 ng

RT: 20.086 min Scan# 2842

Delta R.T. 0.374 min

Lab File: BG053190.D

Acq: 18 Apr 2022 21:30

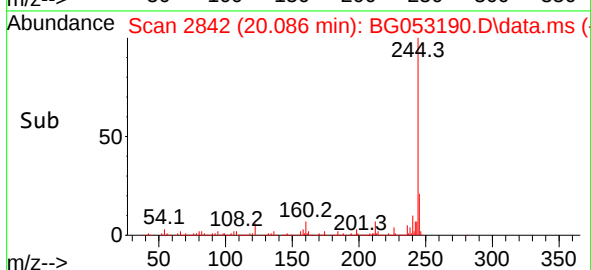
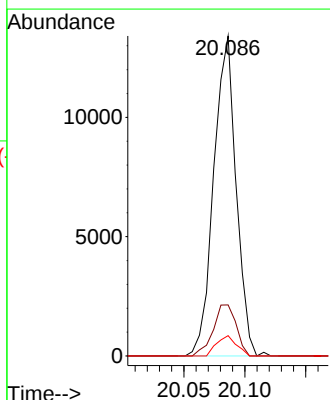
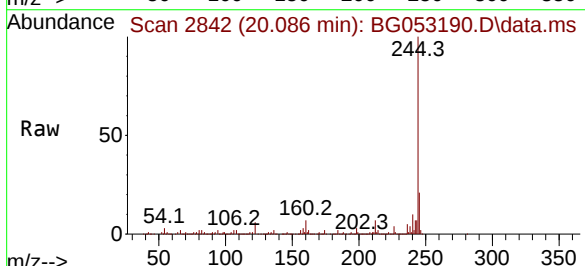
Tgt Ion:184 Resp: 17150

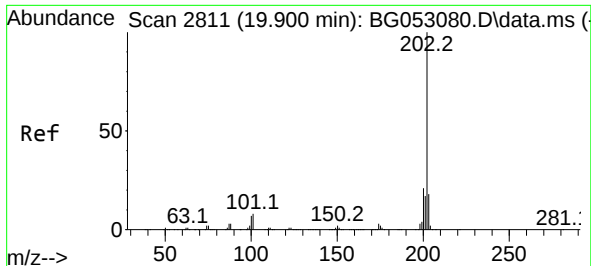
Ion Ratio Lower Upper

184 100

185 16.0 11.5 17.3

183 6.4 9.4 14.2#

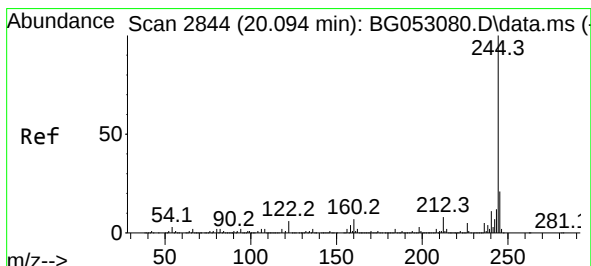
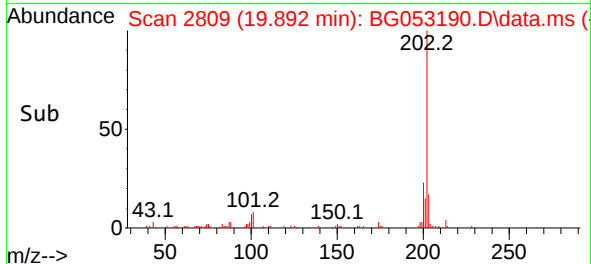
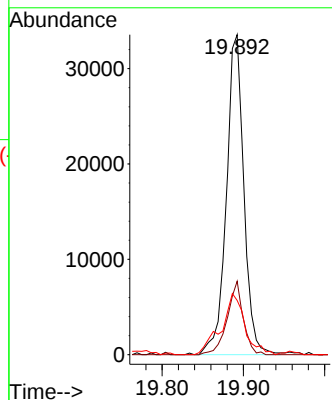
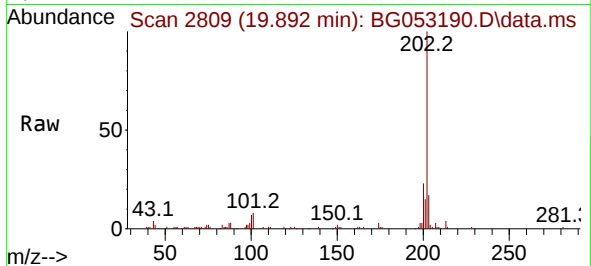




#78
Pyrene
Concen: 2.876 ng
RT: 19.892 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG053190.D
Acq: 18 Apr 2022 21:30

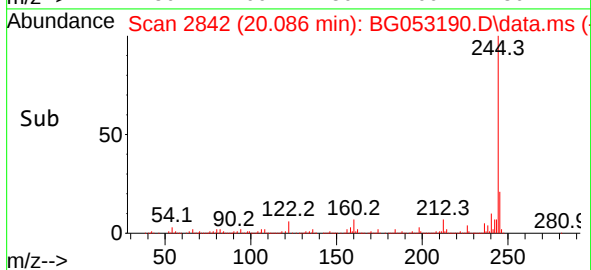
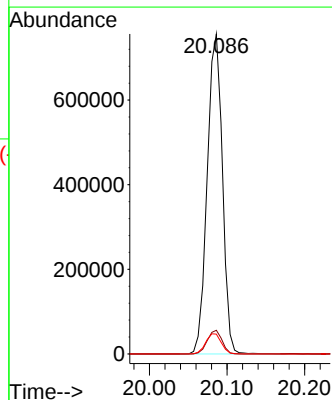
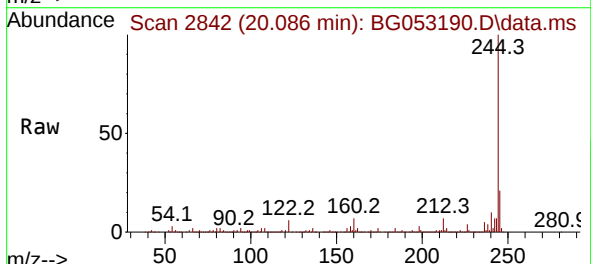
Instrument :
BNA_G
ClientSampleId :
SB-7

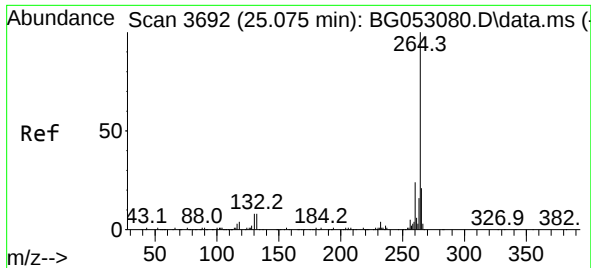
Tgt Ion:202 Resp: 50219
Ion Ratio Lower Upper
202 100
200 22.9 17.0 25.6
203 16.9 15.0 22.6



#79
Terphenyl-d14
Concen: 70.652 ng
RT: 20.086 min Scan# 2842
Delta R.T. -0.008 min
Lab File: BG053190.D
Acq: 18 Apr 2022 21:30

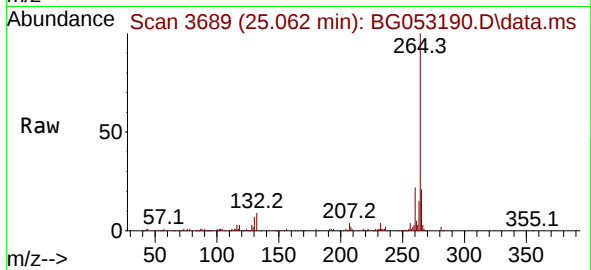
Tgt Ion:244 Resp: 1025522
Ion Ratio Lower Upper
244 100
212 7.4 5.4 8.2
122 6.2 5.8 8.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.062 min Scan# 30
Delta R.T. -0.014 min
Lab File: BG053190.D
Acq: 18 Apr 2022 21:30

Instrument :
BNA_G
ClientSampleId :
SB-7



Tgt Ion:264 Resp: 254617

Ion	Ratio	Lower	Upper
264	100		
260	22.0	18.2	27.2
265	20.9	15.1	22.7

