

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
 Data File : BG049863.D
 Acq On : 16 Aug 2021 23:54
 Operator : CG/JU
 Sample : M3407-17
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 27S

Quant Time: Aug 17 04:43:51 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 16 18:23:02 2021
 Response via : Initial Calibration

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

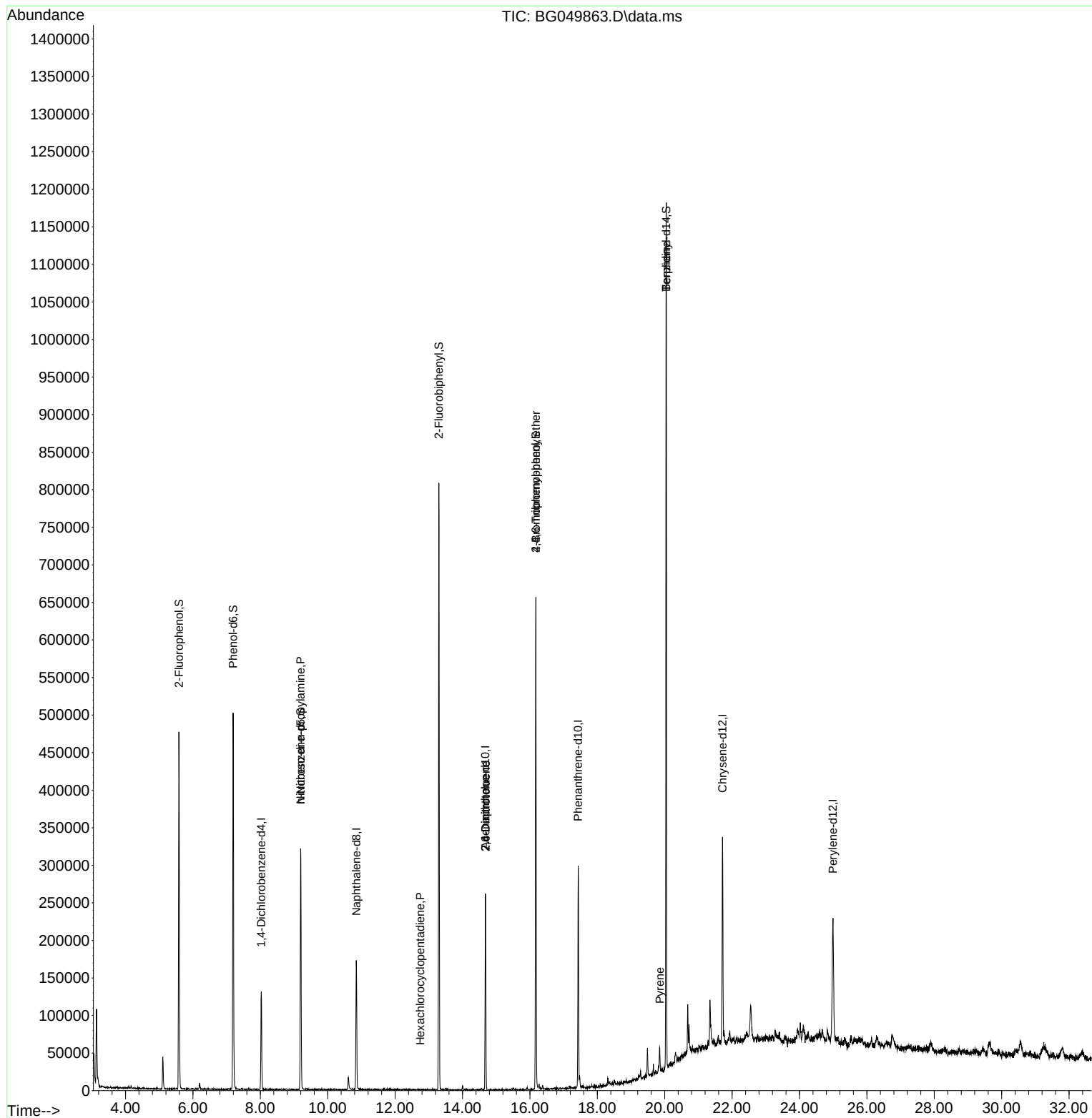
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	36199	20.000	ng	# 0.00
21) Naphthalene-d8	10.848	136	144124	20.000	ng	# 0.00
39) Acenaphthene-d10	14.678	164	95237	20.000	ng	0.00
64) Phenanthrene-d10	17.433	188	186904	20.000	ng	# 0.00
76) Chrysene-d12	21.715	240	163620	20.000	ng	0.00
86) Perylene-d12	24.993	264	170626	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.584	112	192263	95.210	ng	0.00
7) Phenol-d6	7.194	99	273571	89.497	ng	0.00
23) Nitrobenzene-d5	9.197	82	194711	59.783	ng	0.00
42) 2,4,6-Tribromophenol	16.176	330	128662	91.911	ng	0.00
45) 2-Fluorobiphenyl	13.297	172	409418	62.553	ng	0.00
79) Terphenyl-d14	20.047	244	539943	59.934	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.197	70	30153	14.741	ng	# 66
41) Hexachlorocyclopentadiene	12.745	237	72	3.586	ng	# 31
51) 2,6-Dinitrotoluene	14.684	165	12989	8.210	ng	# 12
57) 2,4-Dinitrotoluene	14.684	165	12989	5.846	ng	# 17
67) 4-Bromophenyl-phenylether	16.176	248	7953	3.613	ng	# 1
77) Benzidine	20.041	184	11757	2.804	ng	# 87
78) Pyrene	19.853	202	22370	2.005	ng	98

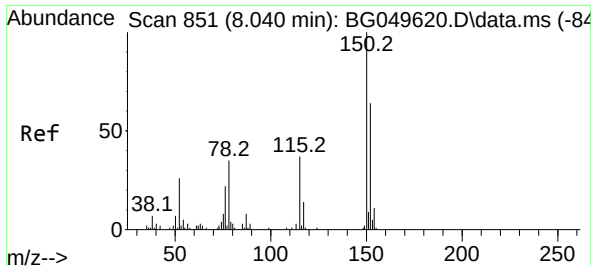
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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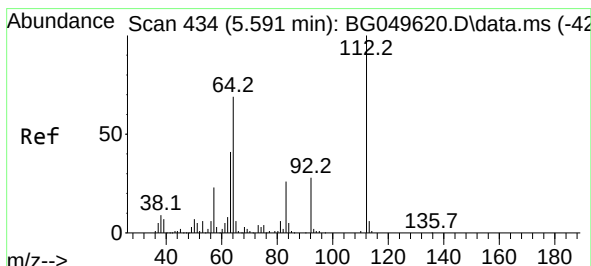
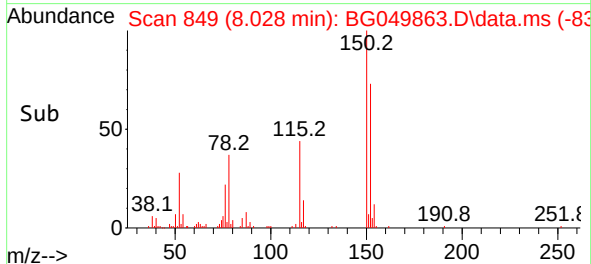
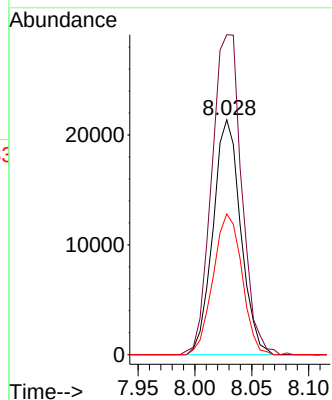
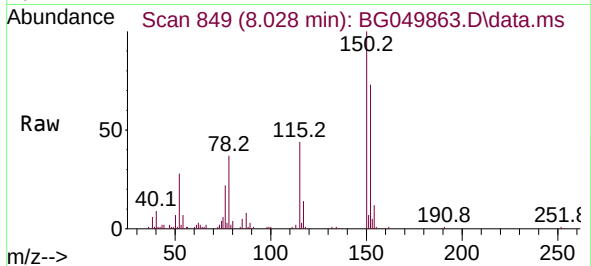




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.028 min Scan# 849
Delta R.T. -0.000 min
Lab File: BG049863.D
Acq: 16 Aug 2021 23:54

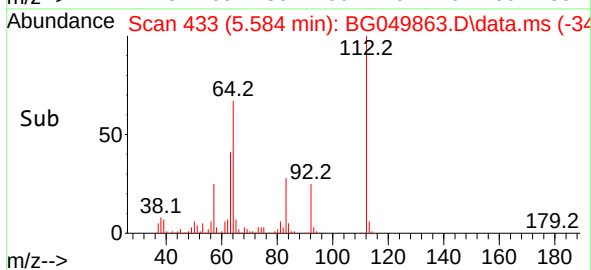
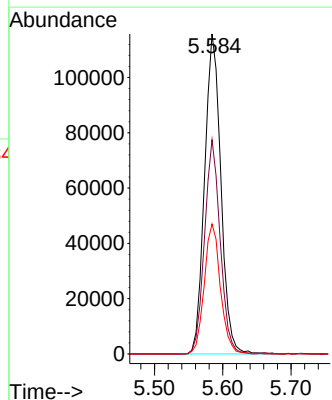
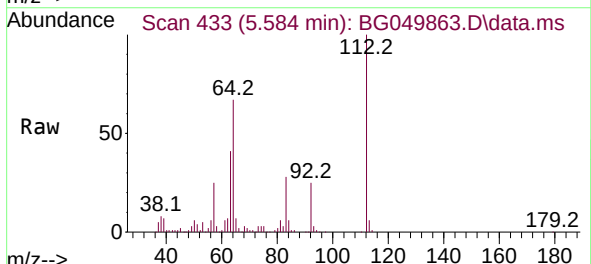
Instrument :
BNA_G
ClientSampleId :
27S

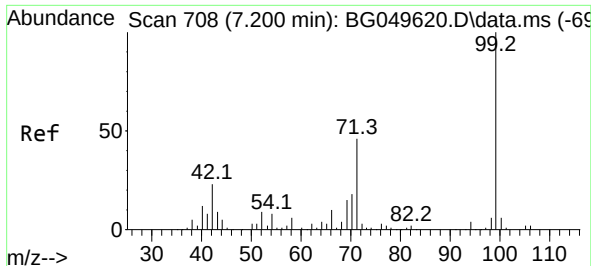
Tgt Ion:152 Resp: 36199
Ion Ratio Lower Upper
152 100
150 136.2 119.4 179.0
115 60.0 60.2 90.4#



#5
2-Fluorophenol
Concen: 95.210 ng
RT: 5.584 min Scan# 433
Delta R.T. 0.006 min
Lab File: BG049863.D
Acq: 16 Aug 2021 23:54

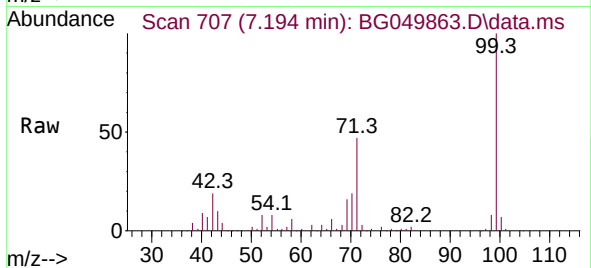
Tgt Ion:112 Resp: 192263
Ion Ratio Lower Upper
112 100
64 67.0 46.7 70.1
63 40.6 35.3 52.9



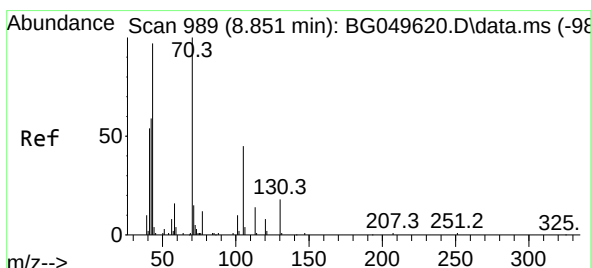
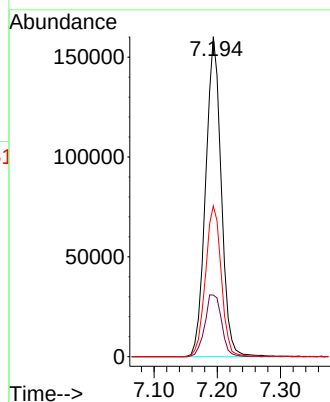
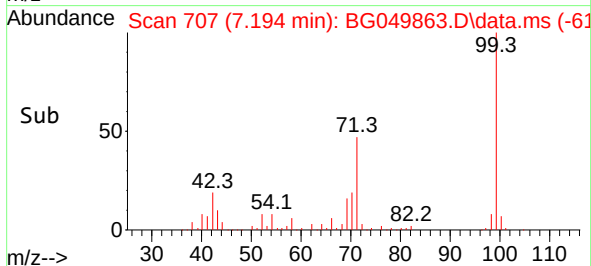


#7
Phenol-d6
Concen: 89.497 ng
RT: 7.194 min Scan# 707
Delta R.T. 0.000 min
Lab File: BG049863.D
Acq: 16 Aug 2021 23:54

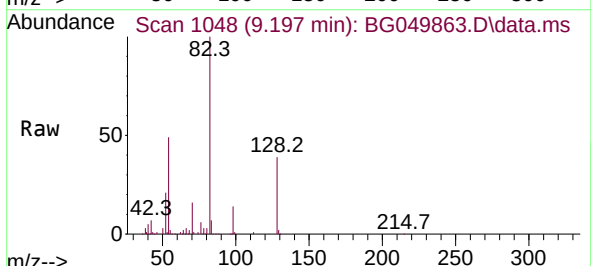
Instrument :
BNA_G
ClientSampleId :
27S



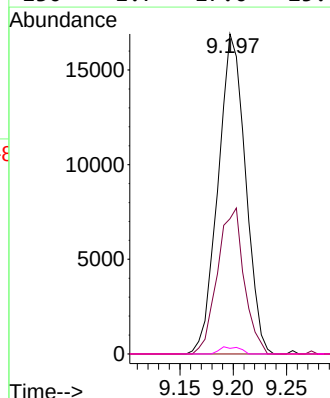
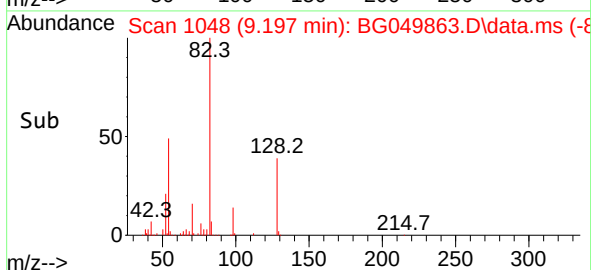
Tgt Ion: 99 Resp: 273571
Ion Ratio Lower Upper
99 100
42 19.3 20.5 30.7#
71 47.1 41.5 62.3

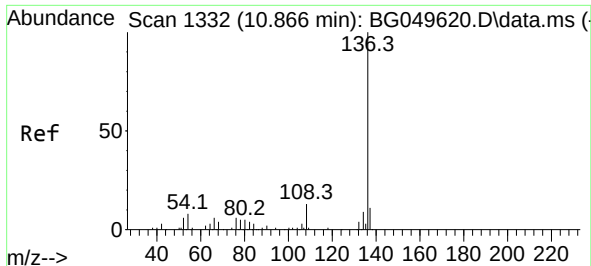


#19
n-Nitroso-di-n-propylamine
Concen: 14.741 ng
RT: 9.197 min Scan# 1048
Delta R.T. 0.358 min
Lab File: BG049863.D
Acq: 16 Aug 2021 23:54



Tgt Ion: 70 Resp: 30153
Ion Ratio Lower Upper
70 100
42 42.3 54.5 81.7#
101 0.0 9.0 13.6#
130 1.7 17.0 25.6#

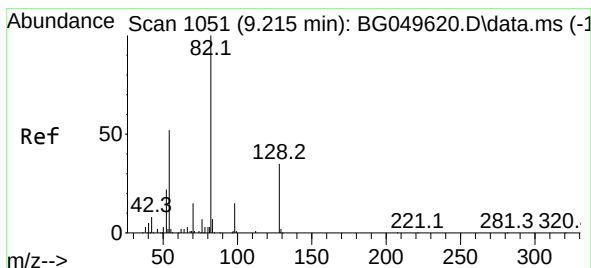
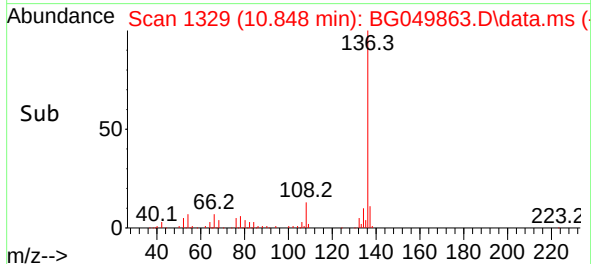
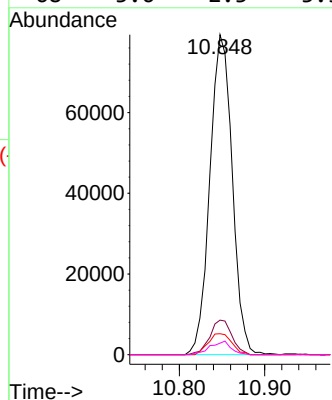
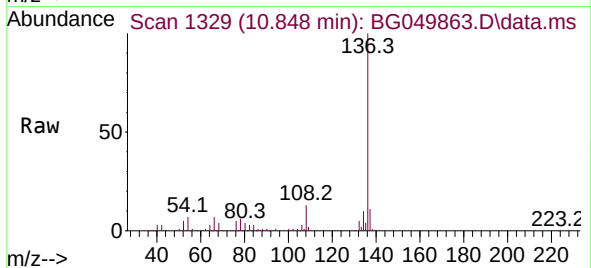




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.848 min Scan# 1329
Delta R.T. 0.000 min
Lab File: BG049863.D
Acq: 16 Aug 2021 23:54

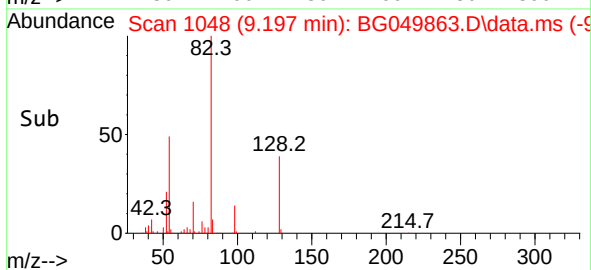
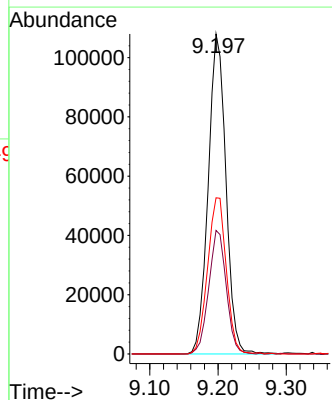
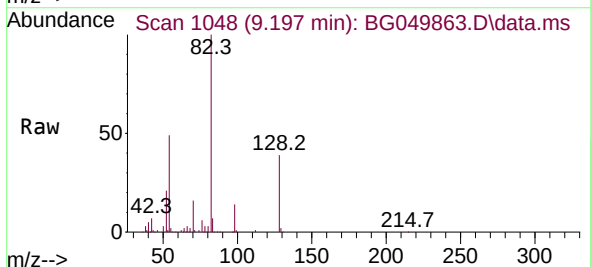
Instrument :
BNA_G
ClientSampleId :
27S

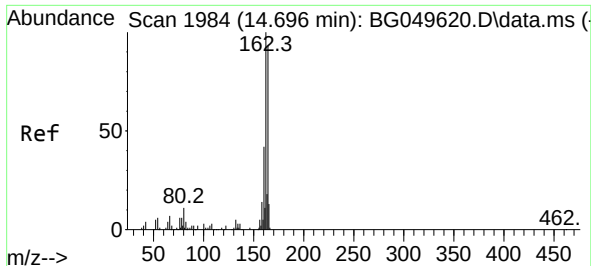
Tgt Ion:	136	Resp:	144124
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.2	12.2
54	6.5	5.5	8.3
68	3.6	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 59.783 ng
RT: 9.197 min Scan# 1048
Delta R.T. 0.000 min
Lab File: BG049863.D
Acq: 16 Aug 2021 23:54

Tgt Ion:	82	Resp:	194711
Ion Ratio	Lower	Upper	
82	100		
128	38.6	29.8	44.6
54	48.8	45.8	68.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.678 min Scan# 1981

Delta R.T. -0.006 min

Lab File: BG049863.D

Acq: 16 Aug 2021 23:54

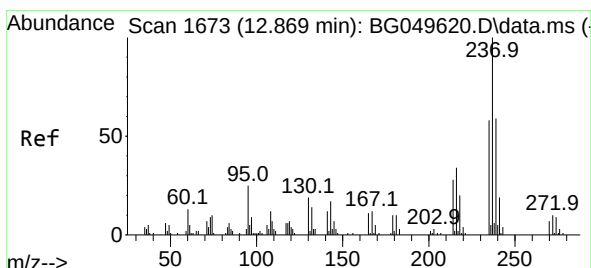
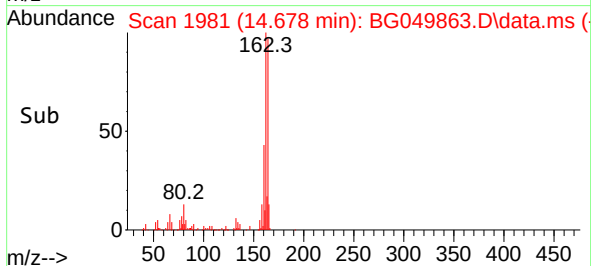
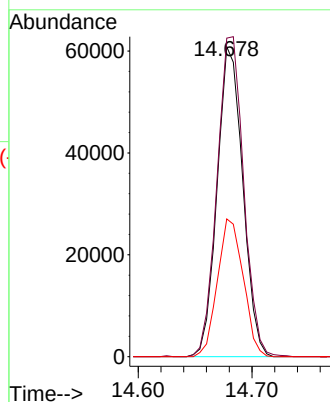
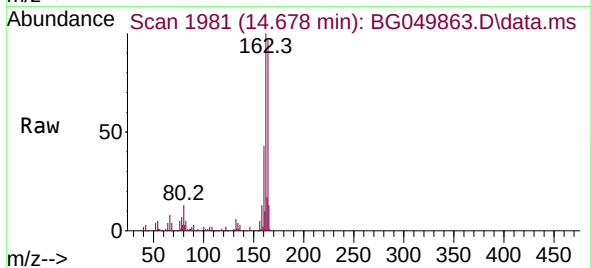
Instrument :

BNA_G

ClientSampled :

27S

Tgt Ion:164	Resp:	95237
Ion Ratio	Lower	Upper
164	100	
162	102.8	81.4 122.0
160	44.4	34.9 52.3



#41

Hexachlorocyclopentadiene

Concen: 3.586 ng

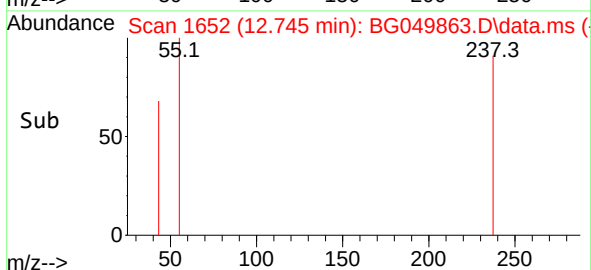
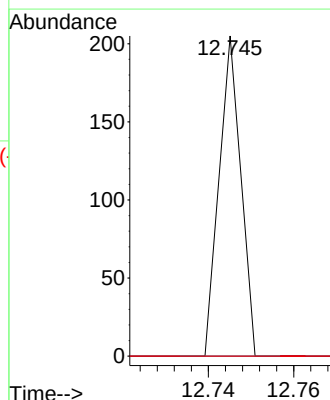
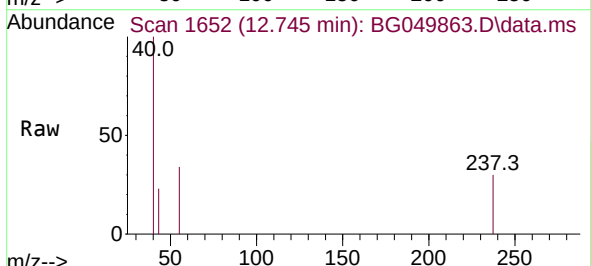
RT: 12.745 min Scan# 1652

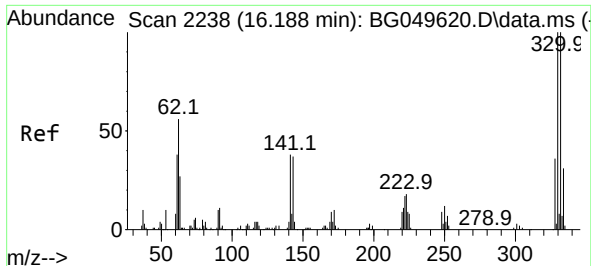
Delta R.T. -0.106 min

Lab File: BG049863.D

Acq: 16 Aug 2021 23:54

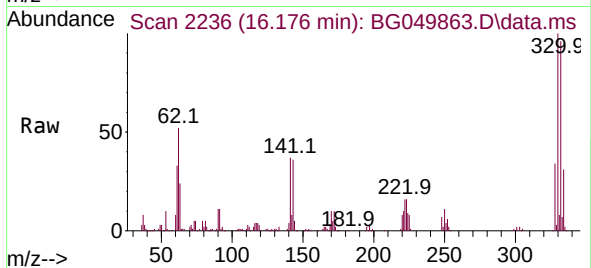
Tgt Ion:237	Resp:	72
Ion Ratio	Lower	Upper
237	100	
235	0.0	36.6 76.6#
272	0.0	0.0 32.5



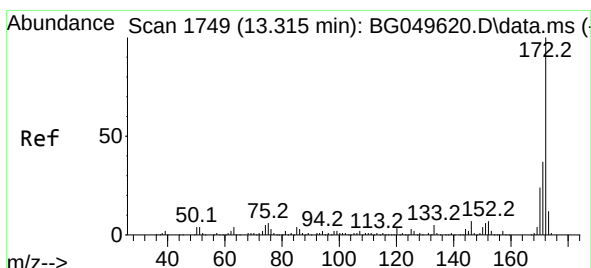
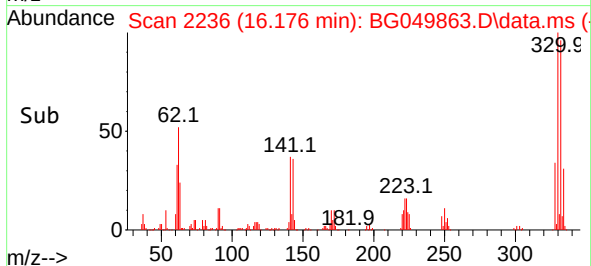
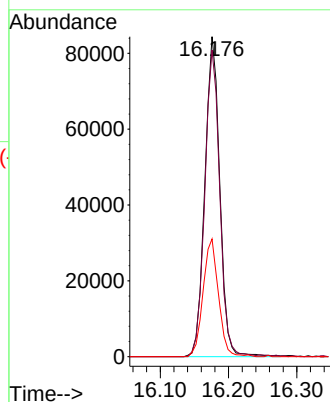


#42
2,4,6-Tribromophenol
Concen: 91.911 ng
RT: 16.176 min Scan# 2236
Delta R.T. -0.000 min
Lab File: BG049863.D
Acq: 16 Aug 2021 23:54

Instrument :
BNA_G
ClientSampled :
27S

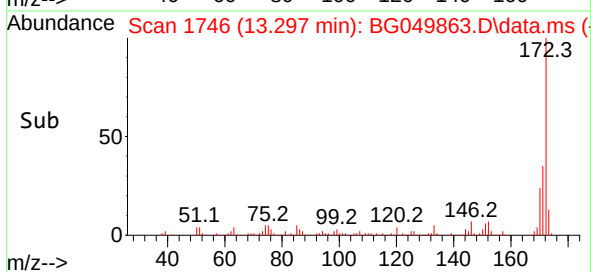
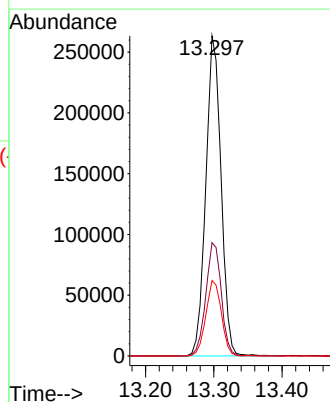
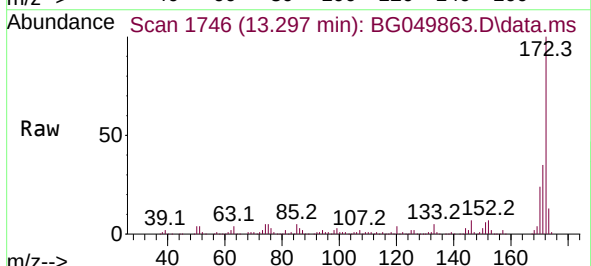


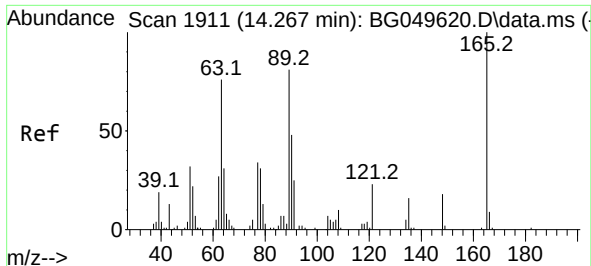
Tgt Ion:330 Resp: 128662
Ion Ratio Lower Upper
330 100
332 95.8 77.3 115.9
141 37.9 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 62.553 ng
RT: 13.297 min Scan# 1746
Delta R.T. -0.006 min
Lab File: BG049863.D
Acq: 16 Aug 2021 23:54

Tgt Ion:172 Resp: 409418
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 23.5 18.6 27.8

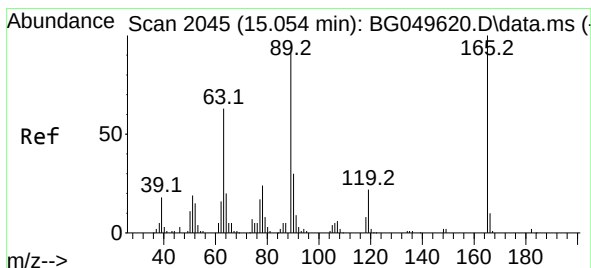
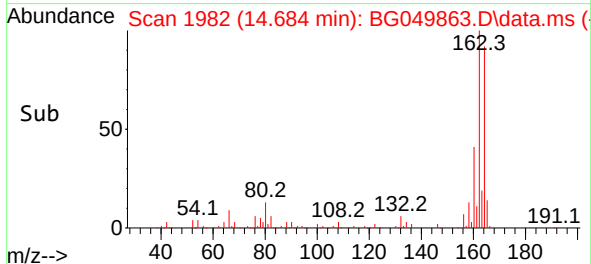
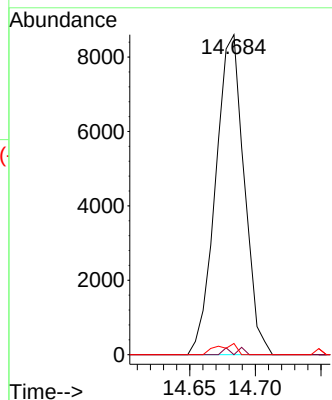
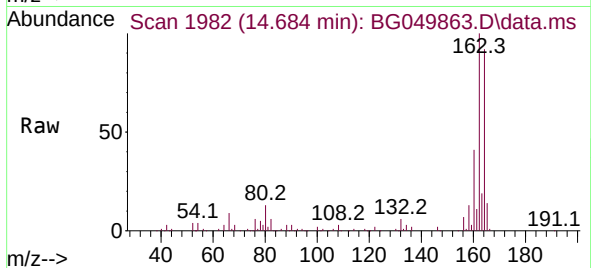




#51
2,6-Dinitrotoluene
Concen: 8.210 ng
RT: 14.684 min Scan# 1982
Delta R.T. 0.429 min
Lab File: BG049863.D
Acq: 16 Aug 2021 23:54

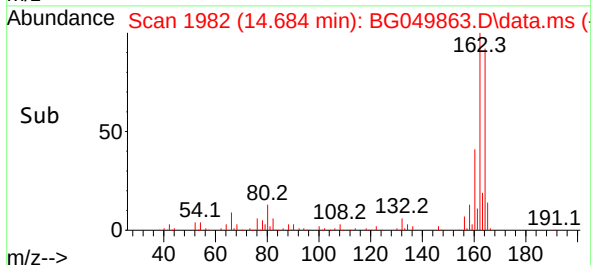
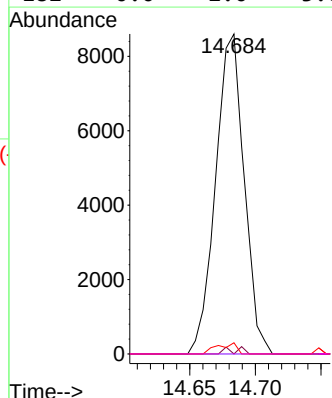
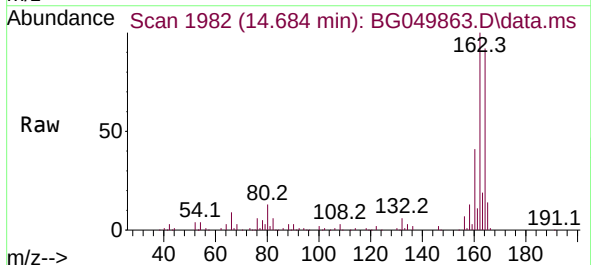
Instrument :
BNA_G
ClientSampled :
27S

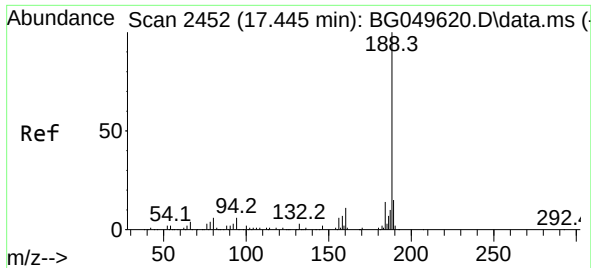
Tgt Ion:165 Resp: 12989
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 3.5 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 5.846 ng
RT: 14.684 min Scan# 1982
Delta R.T. -0.364 min
Lab File: BG049863.D
Acq: 16 Aug 2021 23:54

Tgt Ion:165 Resp: 12989
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 3.5 65.4 98.0#
182 0.0 2.0 3.0#

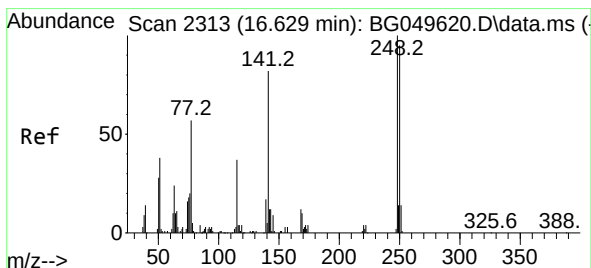
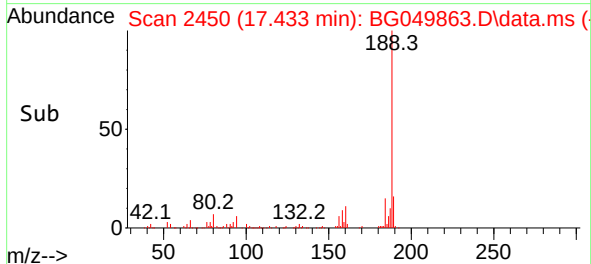
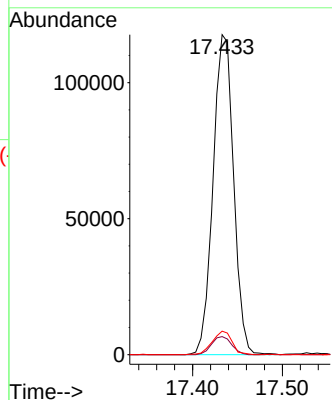
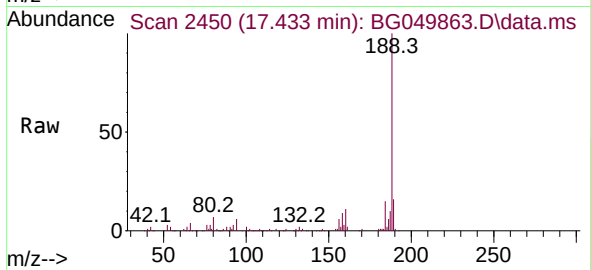




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.433 min Scan# 2450
Delta R.T. -0.006 min
Lab File: BG049863.D
Acq: 16 Aug 2021 23:54

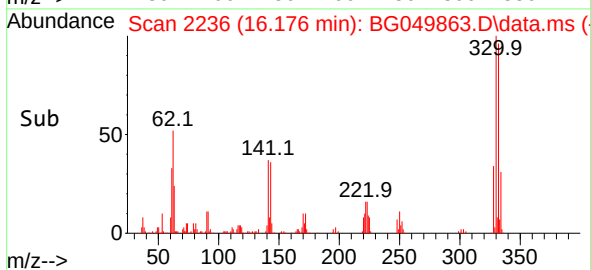
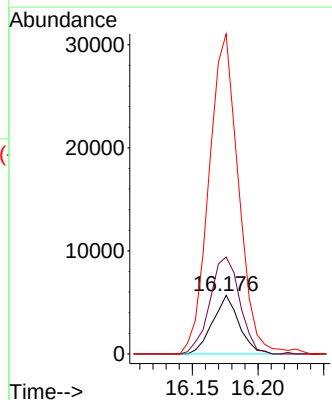
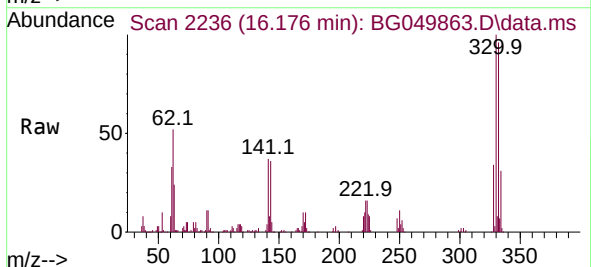
Instrument :
BNA_G
ClientSampled :
27S

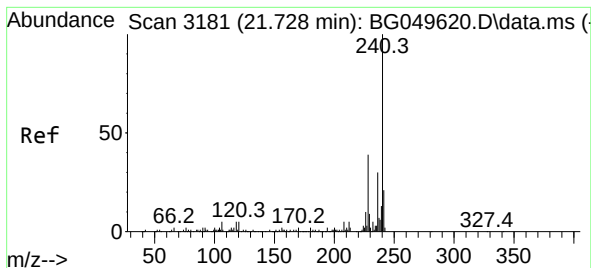
Tgt Ion:188 Resp: 186904
Ion Ratio Lower Upper
188 100
94 5.7 5.4 8.0
80 7.4 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 3.613 ng
RT: 16.176 min Scan# 2236
Delta R.T. -0.441 min
Lab File: BG049863.D
Acq: 16 Aug 2021 23:54

Tgt Ion:248 Resp: 7953
Ion Ratio Lower Upper
248 100
250 165.9 76.1 114.1#
141 546.9 65.4 98.2#

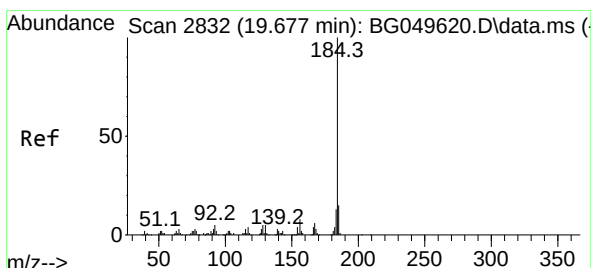
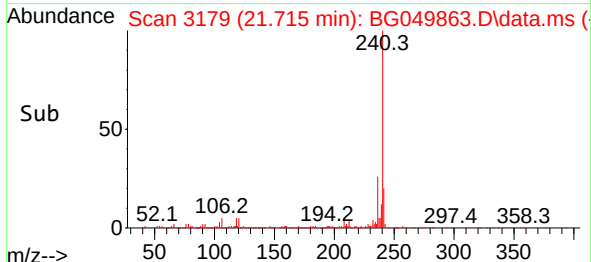
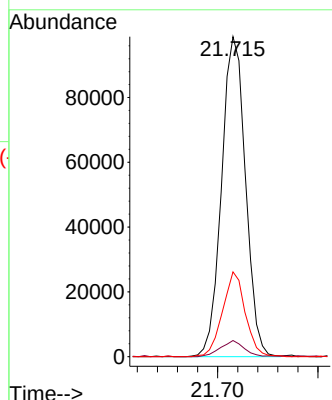
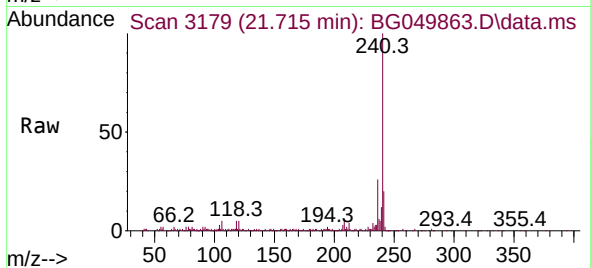




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.715 min Scan# 3179
Delta R.T. -0.006 min
Lab File: BG049863.D
Acq: 16 Aug 2021 23:54

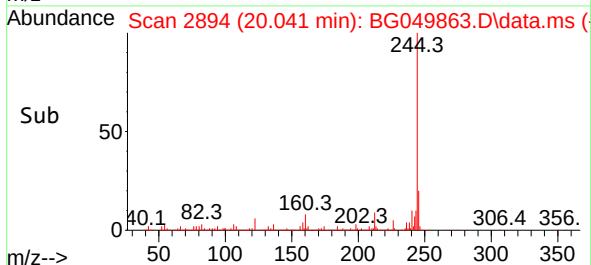
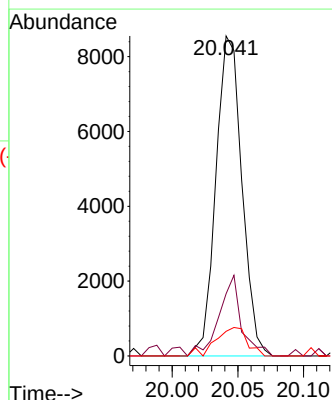
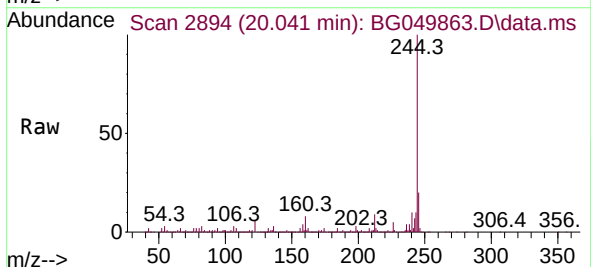
Instrument :
BNA_G
ClientSampleId :
27S

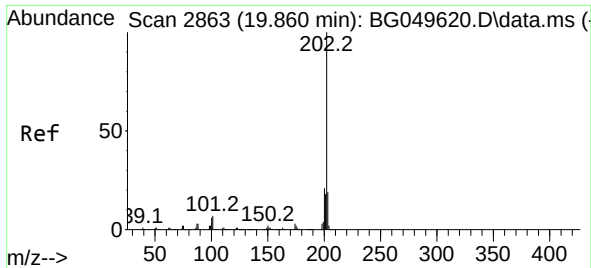
Tgt Ion:240 Resp: 163620
Ion Ratio Lower Upper
240 100
120 5.0 4.2 6.2
236 26.5 21.8 32.6



#77
Benzidine
Concen: 2.804 ng
RT: 20.041 min Scan# 2894
Delta R.T. 0.376 min
Lab File: BG049863.D
Acq: 16 Aug 2021 23:54

Tgt Ion:184 Resp: 11757
Ion Ratio Lower Upper
184 100
185 19.4 10.7 16.1#
183 7.7 9.4 14.0#

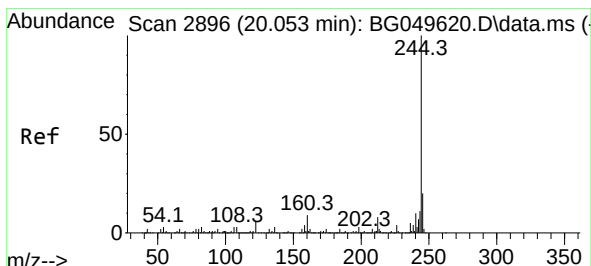
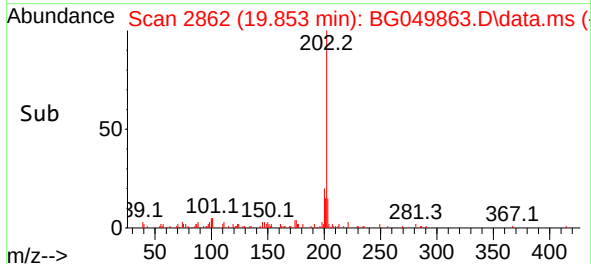
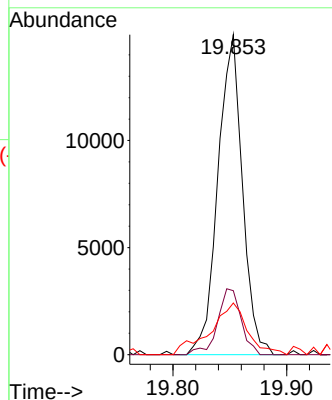
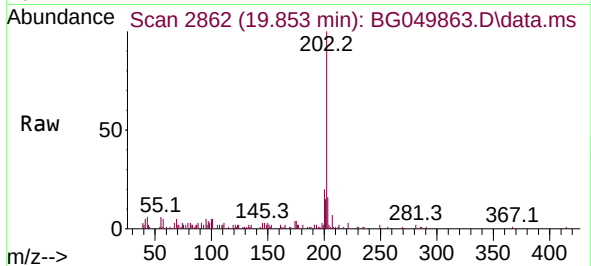




#78
Pyrene
Concen: 2.005 ng
RT: 19.853 min Scan# 2862
Delta R.T. 0.000 min
Lab File: BG049863.D
Acq: 16 Aug 2021 23:54

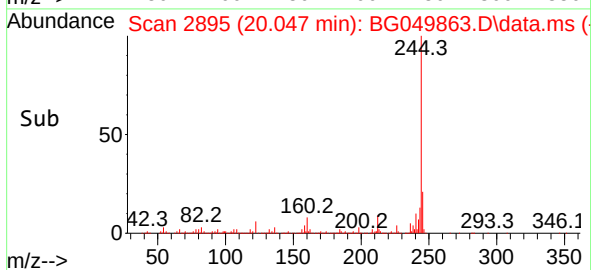
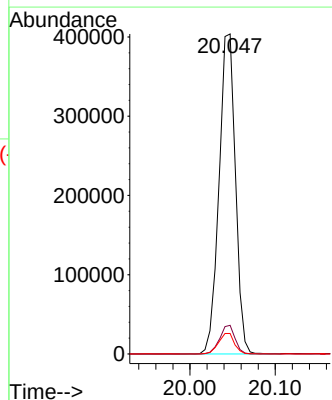
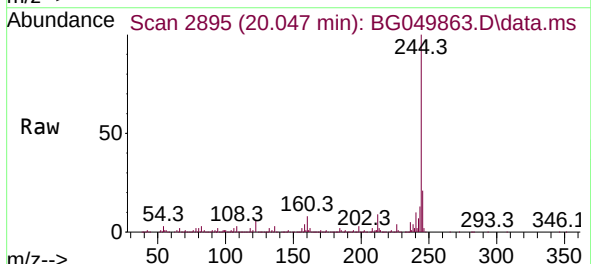
Instrument :
BNA_G
ClientSampled :
27S

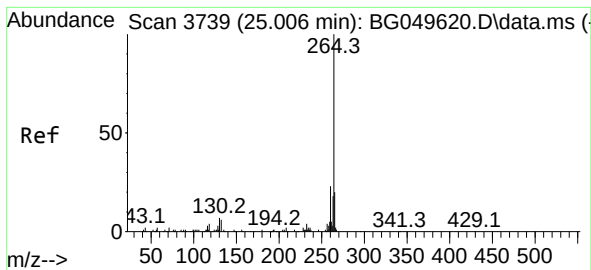
Tgt Ion:	202	Resp:	22370
Ion Ratio	Lower	Upper	
202	100		
200	20.0	15.8	23.8
203	16.1	14.6	21.8



#79
Terphenyl-d14
Concen: 59.934 ng
RT: 20.047 min Scan# 2895
Delta R.T. 0.000 min
Lab File: BG049863.D
Acq: 16 Aug 2021 23:54

Tgt Ion:	244	Resp:	539943
Ion Ratio	Lower	Upper	
244	100		
212	9.0	6.9	10.3
122	6.4	5.0	7.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.993 min Scan# 3737
 Delta R.T. 0.006 min
 Lab File: BG049863.D
 Acq: 16 Aug 2021 23:54

Instrument :
 BNA_G
 ClientSampled :
 27S

Tgt Ion:264	Resp:	170626
Ion Ratio	Lower	Upper
264	100	
260	25.3	19.4 29.2
265	21.8	16.9 25.3

