

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
 Data File : BG049859.D
 Acq On : 16 Aug 2021 21:09
 Operator : CG/JU
 Sample : M3407-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 25S

Quant Time: Aug 17 04:42:54 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)

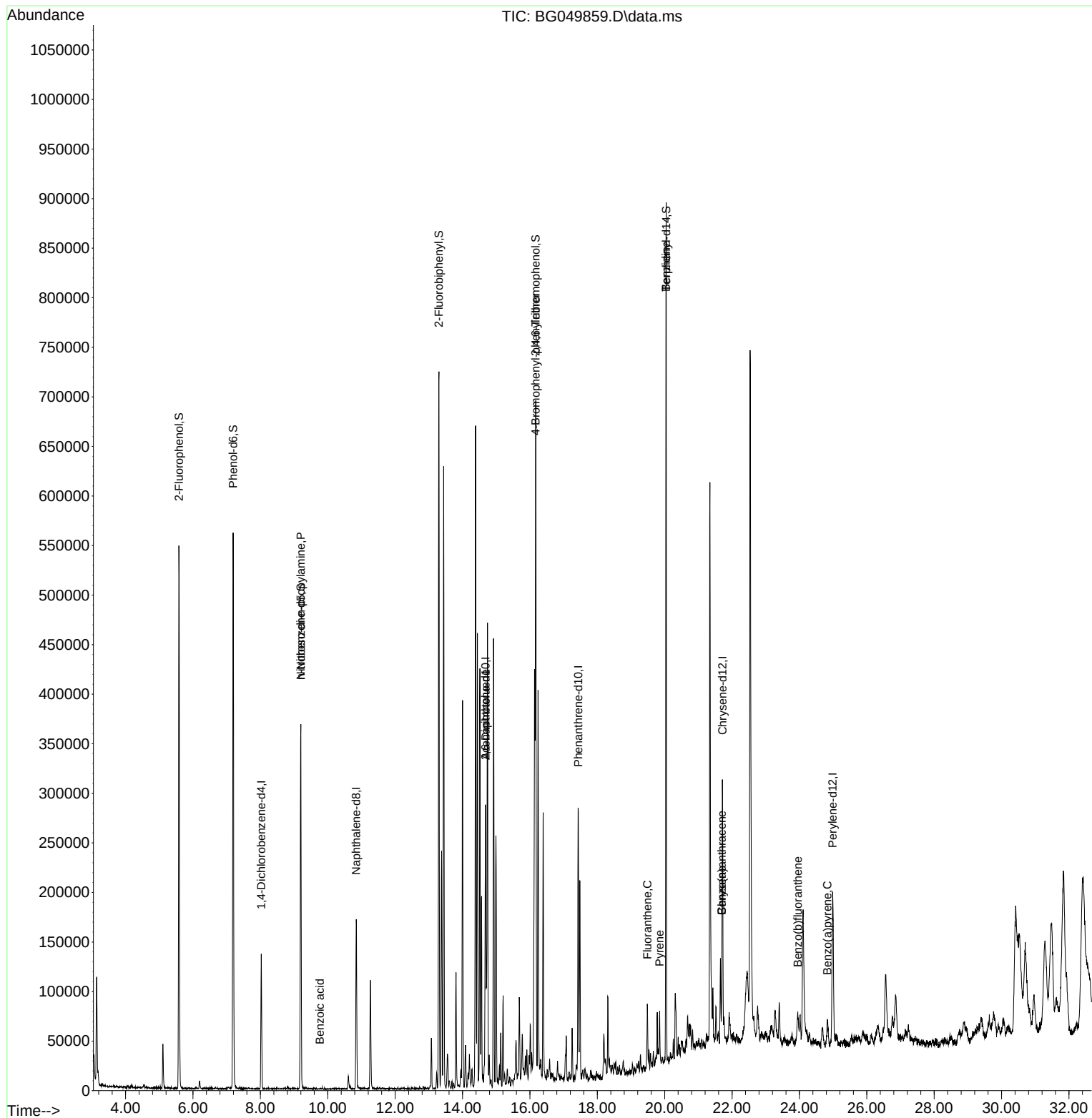
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.026	152	36271	20.000	ng	0.00
21) Naphthalene-d8	10.845	136	144838	20.000	ng	# 0.00
39) Acenaphthene-d10	14.681	164	87189	20.000	ng	0.00
64) Phenanthrene-d10	17.436	188	172463	20.000	ng	# 0.00
76) Chrysene-d12	21.713	240	153252	20.000	ng	0.00
86) Perylene-d12	24.985	264	161115	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.582	112	227091	112.234	ng	0.00
7) Phenol-d6	7.191	99	309015	100.891	ng	0.00
23) Nitrobenzene-d5	9.200	82	225996	69.047	ng	0.00
42) 2,4,6-Tribromophenol	16.173	330	131459	102.577	ng	0.00
45) 2-Fluorobiphenyl	13.301	172	374065	62.427	ng	0.00
79) Terphenyl-d14	20.045	244	405330	48.036	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.200	70	33960	16.569	ng	# 70
32) Benzoic acid	9.764	122	54	4.982	ng	# 1
51) 2,6-Dinitrotoluene	14.681	165	11255	7.771	ng	# 12
67) 4-Bromophenyl-phenylether	16.168	248	8057	3.967	ng	# 1
75) Fluoranthene	19.487	202	33183	2.972	ng	97
77) Benzidine	20.039	184	8575	2.184	ng	# 84
78) Pyrene	19.851	202	31759	3.040	ng	96
81) Benzo(a)anthracene	21.695	228	22111	2.215	ng	98
83) Chrysene	21.695	228	22111	2.318	ng	99
88) Benzo(b)fluoranthene	23.951	252	30300	2.867	ng	# 96
90) Benzo(a)pyrene	24.832	252	25378	2.654	ng	# 93

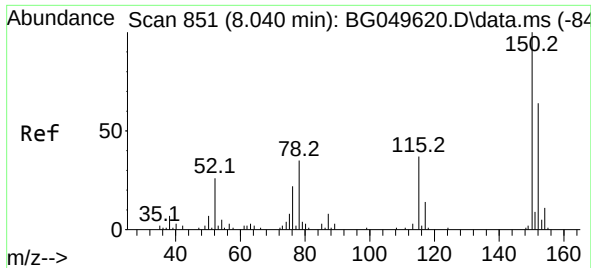
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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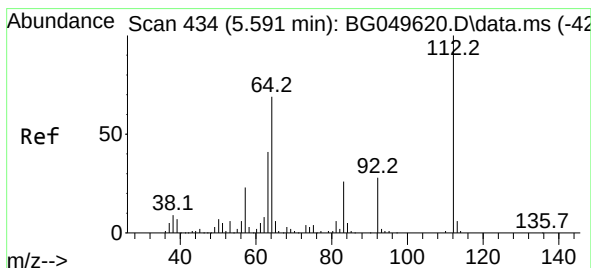
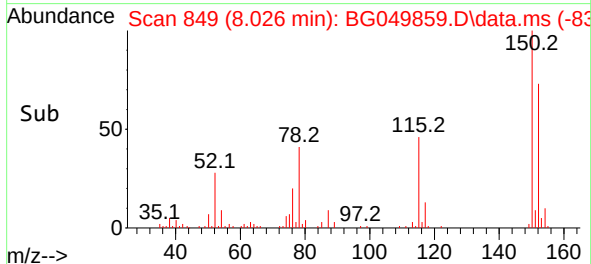
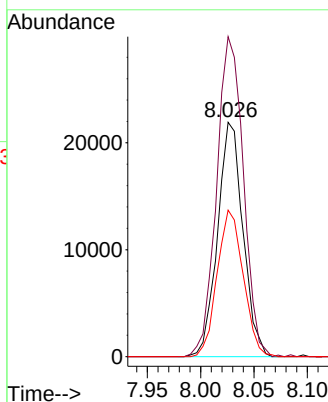
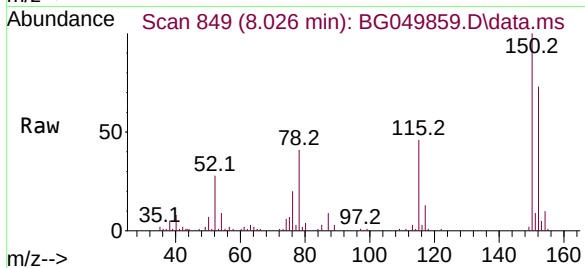




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.026 min Scan# 849
 Delta R.T. -0.002 min
 Lab File: BG049859.D
 Acq: 16 Aug 2021 21:09

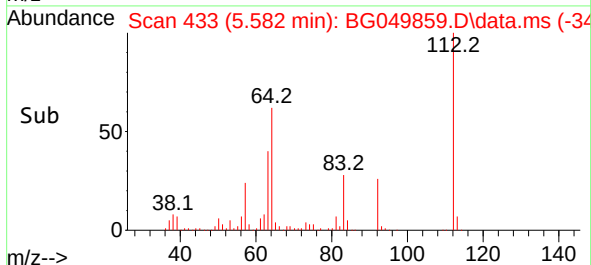
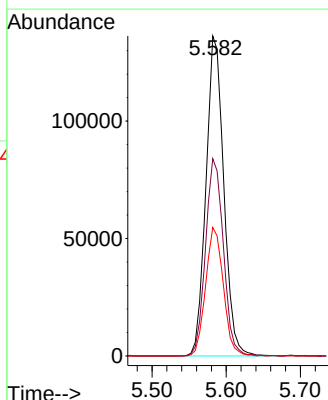
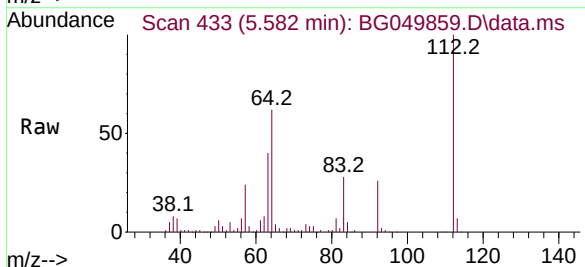
Instrument :
 BNA_G
 ClientSampleId :
 25S

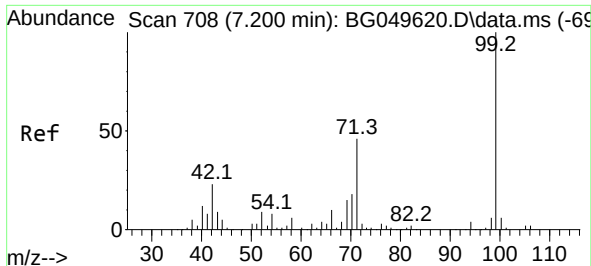
Tgt Ion:152 Resp: 36271
 Ion Ratio Lower Upper
 152 100
 150 136.5 119.4 179.0
 115 62.5 60.2 90.4



#5
 2-Fluorophenol
 Concen: 112.234 ng
 RT: 5.582 min Scan# 433
 Delta R.T. 0.004 min
 Lab File: BG049859.D
 Acq: 16 Aug 2021 21:09

Tgt Ion:112 Resp: 227091
 Ion Ratio Lower Upper
 112 100
 64 61.6 46.7 70.1
 63 40.1 35.3 52.9

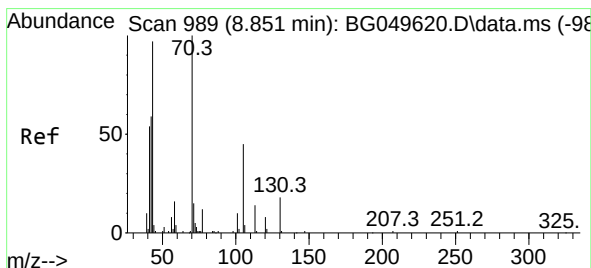
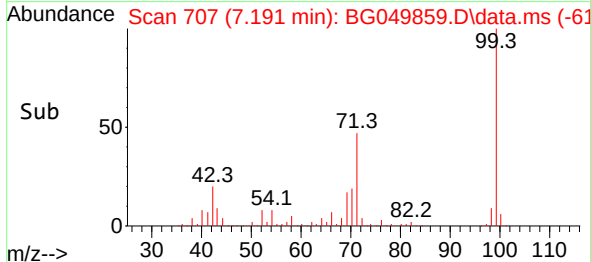
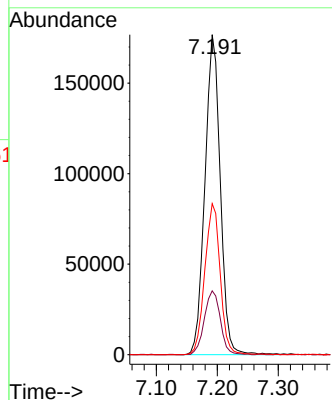
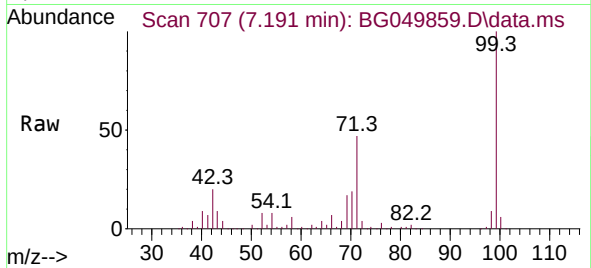




#7
Phenol-d6
Concen: 100.891 ng
RT: 7.191 min Scan# 707
Delta R.T. -0.002 min
Lab File: BG049859.D
Acq: 16 Aug 2021 21:09

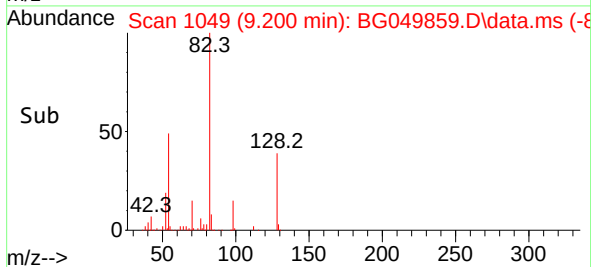
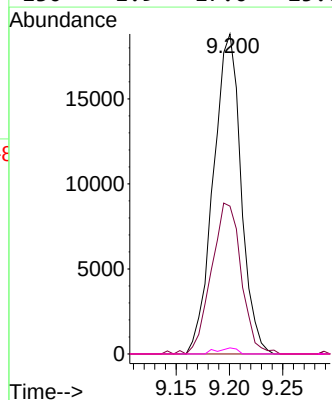
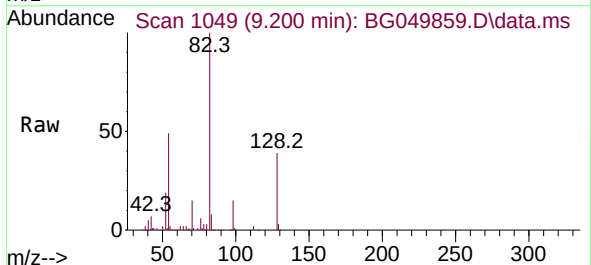
Instrument :
BNA_G
ClientSampleId :
25S

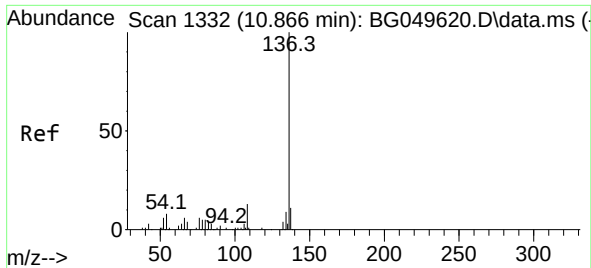
Tgt Ion: 99 Resp: 309015
Ion Ratio Lower Upper
99 100
42 20.0 20.5 30.7#
71 47.2 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.569 ng
RT: 9.200 min Scan# 1049
Delta R.T. 0.362 min
Lab File: BG049859.D
Acq: 16 Aug 2021 21:09

Tgt Ion: 70 Resp: 33960
Ion Ratio Lower Upper
70 100
42 46.2 54.5 81.7#
101 0.0 9.0 13.6#
130 1.9 17.0 25.6#

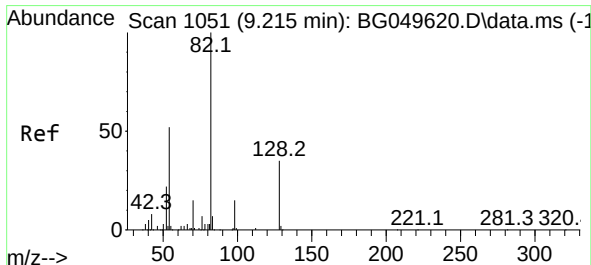
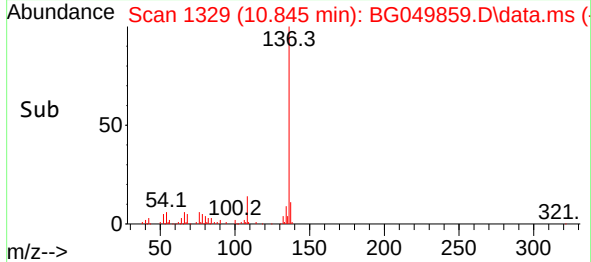
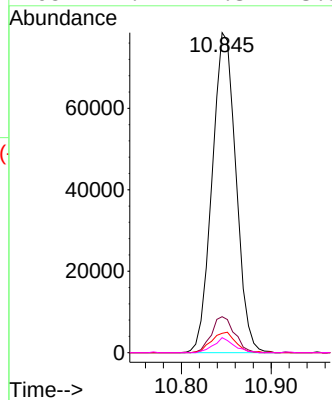
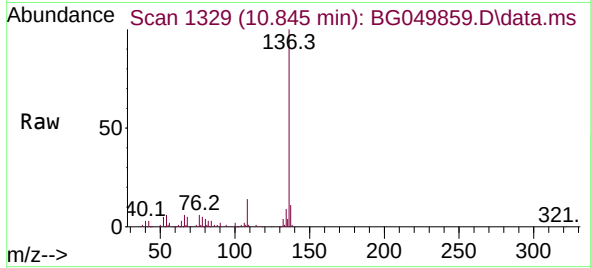




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.845 min Scan# 1329
Delta R.T. -0.002 min
Lab File: BG049859.D
Acq: 16 Aug 2021 21:09

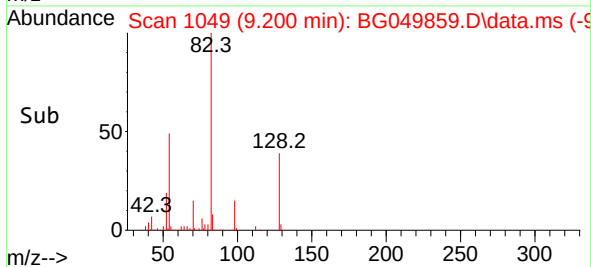
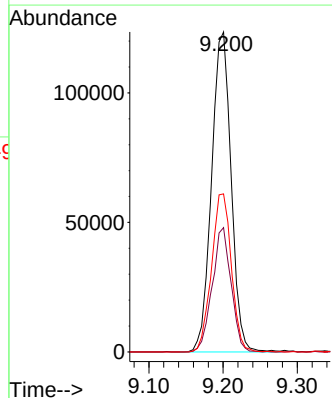
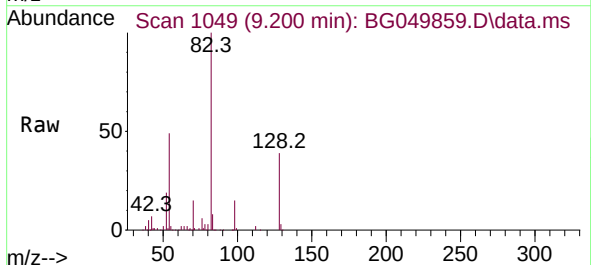
Instrument :
BNA_G
ClientSampleId :
25S

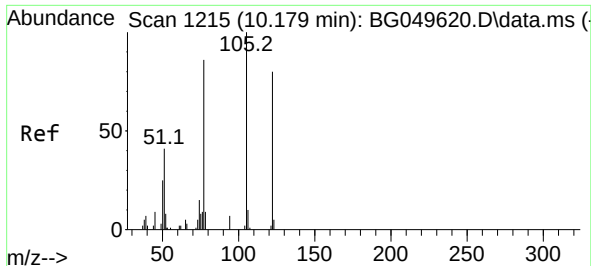
Tgt Ion:	136	Resp:	144838
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.2	12.2
54	6.1	5.5	8.3
68	4.7	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 69.047 ng
RT: 9.200 min Scan# 1049
Delta R.T. 0.004 min
Lab File: BG049859.D
Acq: 16 Aug 2021 21:09

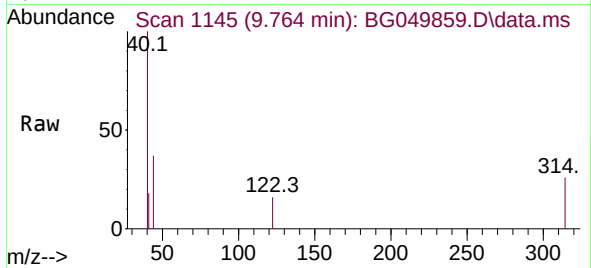
Tgt Ion:	82	Resp:	225996
Ion Ratio	Lower	Upper	
82	100		
128	38.8	29.8	44.6
54	49.4	45.8	68.8



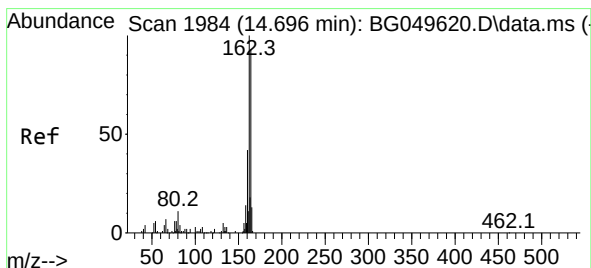
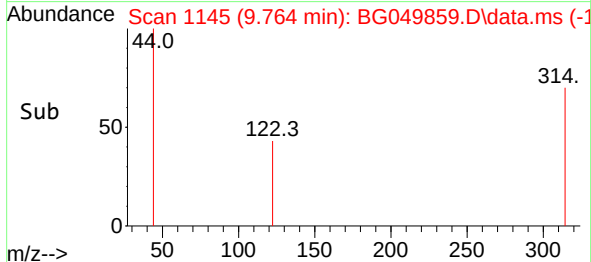
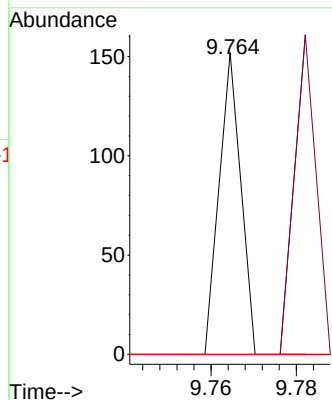


#32
Benzoic acid
Concen: 4.982 ng
RT: 9.764 min Scan# 1145
Delta R.T. -0.402 min
Lab File: BG049859.D
Acq: 16 Aug 2021 21:09

Instrument :
BNA_G
ClientSampleId :
25S

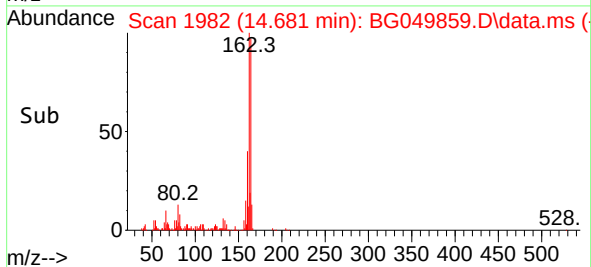
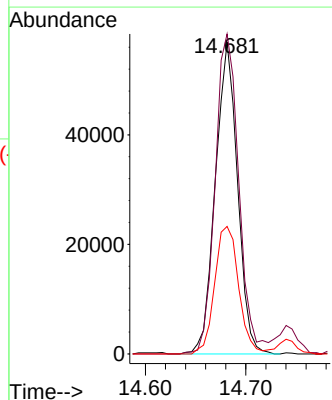
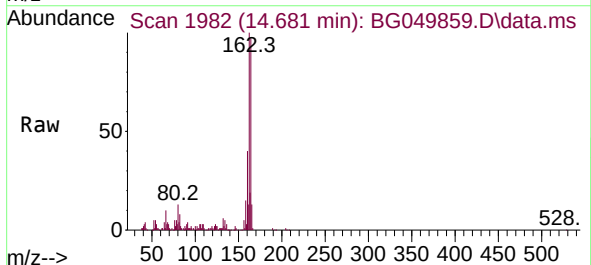


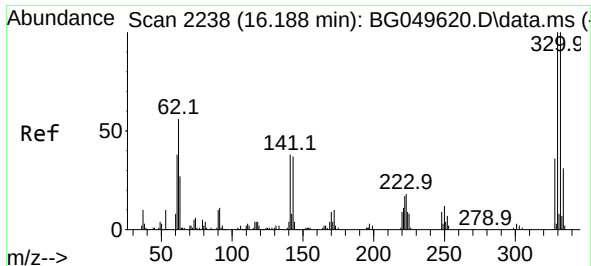
Tgt Ion:122 Resp: 54
Ion Ratio Lower Upper
122 100
105 0.0 92.3 132.3#
77 0.0 66.5 106.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.681 min Scan# 1982
Delta R.T. -0.002 min
Lab File: BG049859.D
Acq: 16 Aug 2021 21:09

Tgt Ion:164 Resp: 87189
Ion Ratio Lower Upper
164 100
162 102.6 81.4 122.0
160 40.9 34.9 52.3

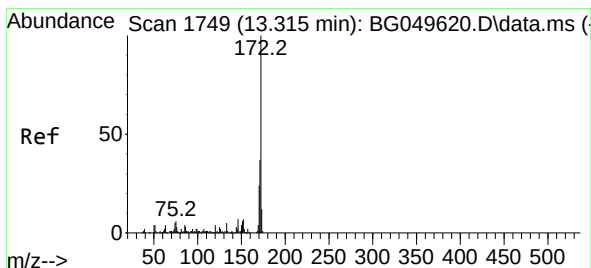
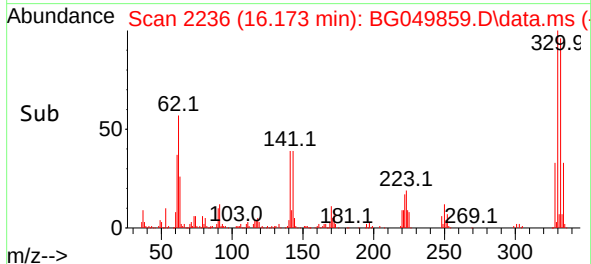
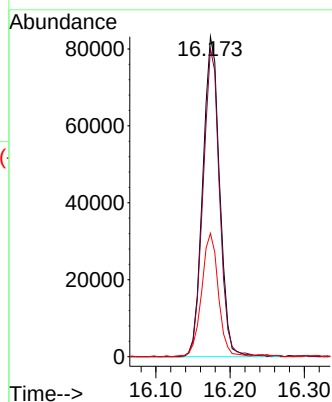
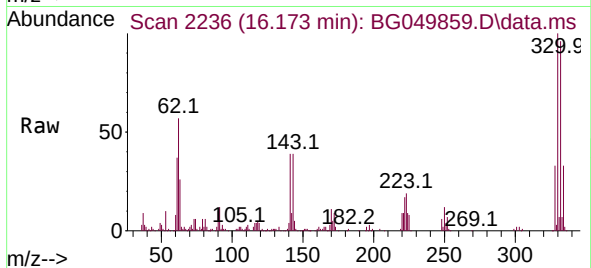




#42
2,4,6-Tribromophenol
Concen: 102.577 ng
RT: 16.173 min Scan# 2236
Delta R.T. -0.002 min
Lab File: BG049859.D
Acq: 16 Aug 2021 21:09

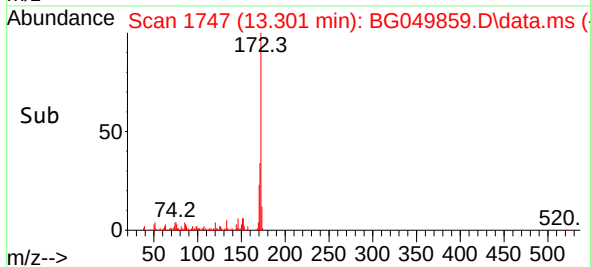
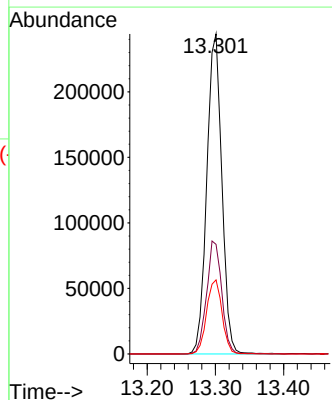
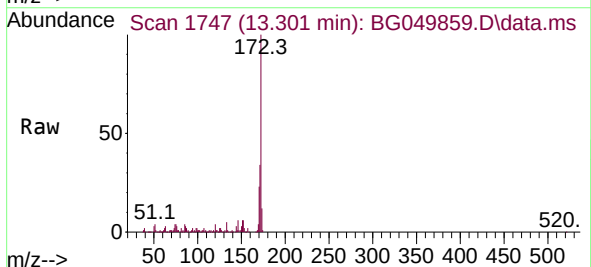
Instrument :
BNA_G
ClientSampleId :
25S

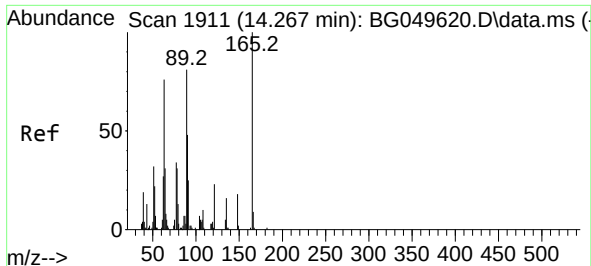
Tgt Ion:330 Resp: 131459
Ion Ratio Lower Upper
330 100
332 94.3 77.3 115.9
141 38.2 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 62.427 ng
RT: 13.301 min Scan# 1747
Delta R.T. -0.002 min
Lab File: BG049859.D
Acq: 16 Aug 2021 21:09

Tgt Ion:172 Resp: 374065
Ion Ratio Lower Upper
172 100
171 34.2 28.6 43.0
170 23.1 18.6 27.8

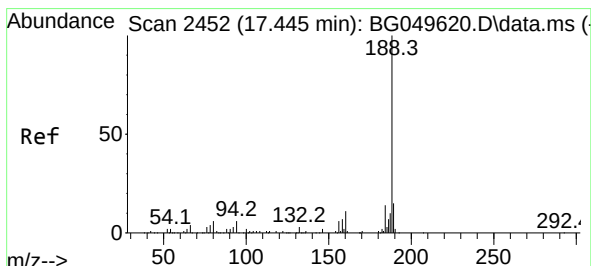
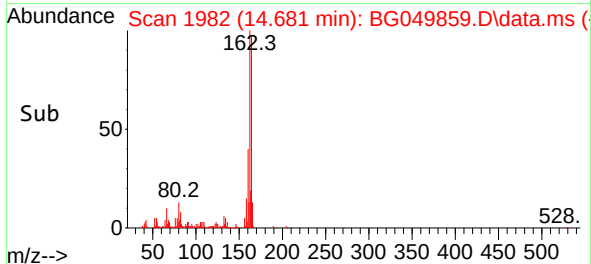
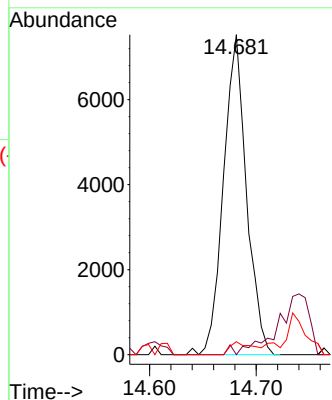
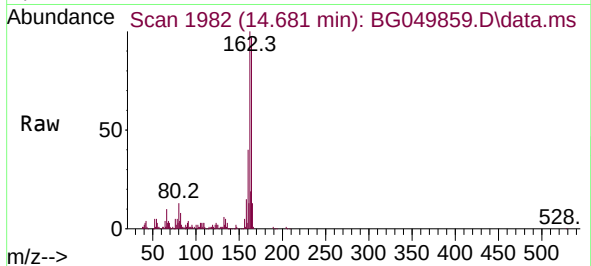




#51
2,6-Dinitrotoluene
Concen: 7.771 ng
RT: 14.681 min Scan# 1982
Delta R.T. 0.427 min
Lab File: BG049859.D
Acq: 16 Aug 2021 21:09

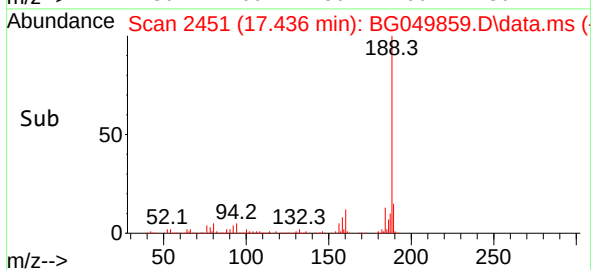
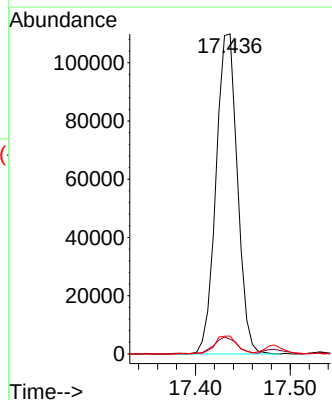
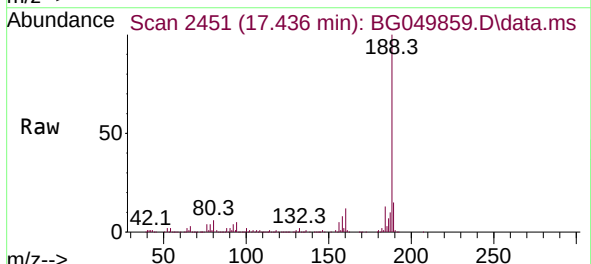
Instrument :
BNA_G
ClientSampleId :
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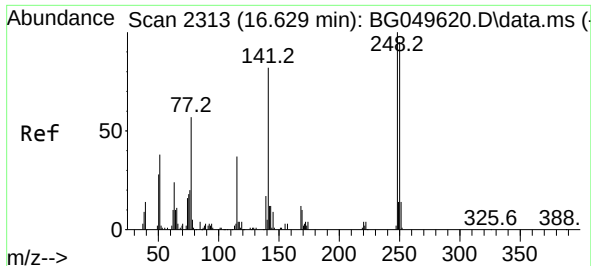
Tgt Ion:	165	Resp:	11255
Ion Ratio	Lower	Upper	
165	100		
63	0.0	63.3	94.9#
89	4.0	63.4	95.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.436 min Scan# 2451
Delta R.T. -0.002 min
Lab File: BG049859.D
Acq: 16 Aug 2021 21:09

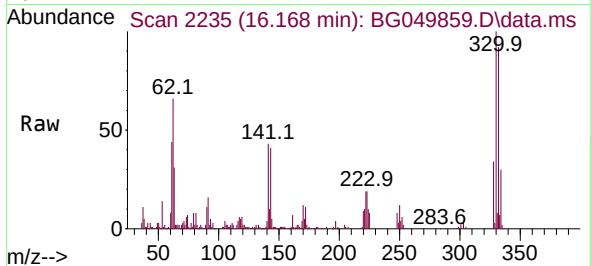
Tgt Ion:	188	Resp:	172463
Ion Ratio	Lower	Upper	
188	100		
94	4.6	5.4	8.0#
80	5.6	3.7	5.5#



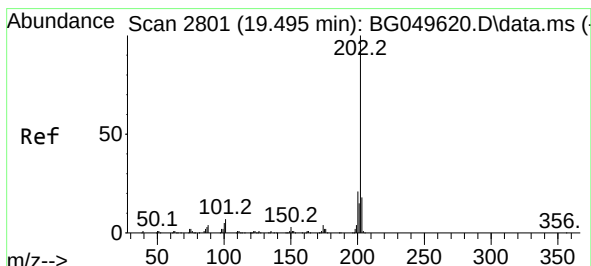
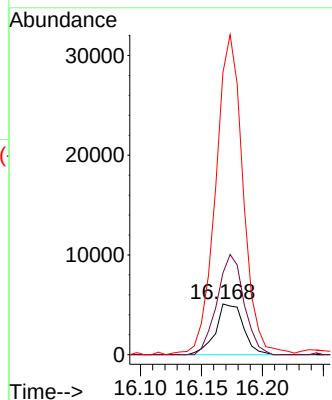
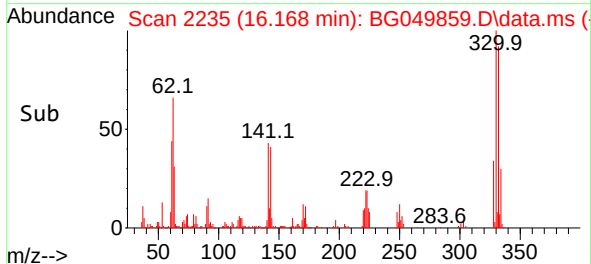


#67
4-Bromophenyl-phenylether
Concen: 3.967 ng
RT: 16.168 min Scan# 2235
Delta R.T. -0.449 min
Lab File: BG049859.D
Acq: 16 Aug 2021 21:09

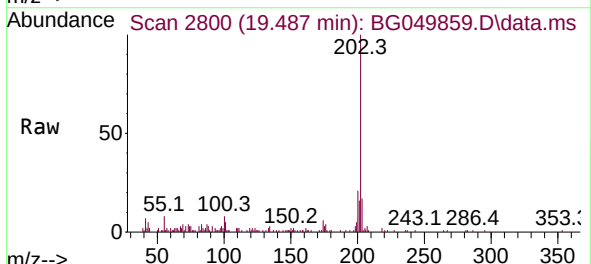
Instrument :
BNA_G
ClientSampled :
25S



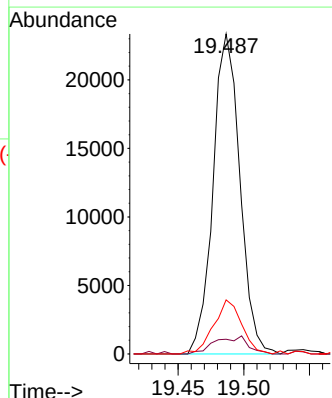
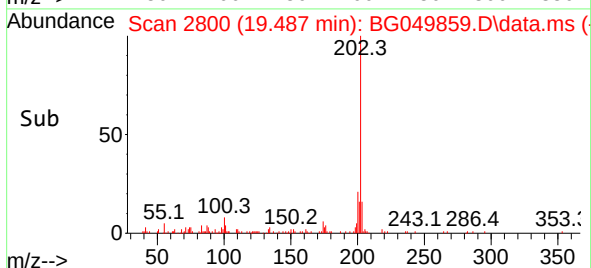
Tgt Ion:248 Resp: 8057
Ion Ratio Lower Upper
248 100
250 161.0 76.1 114.1#
141 556.4 65.4 98.2#

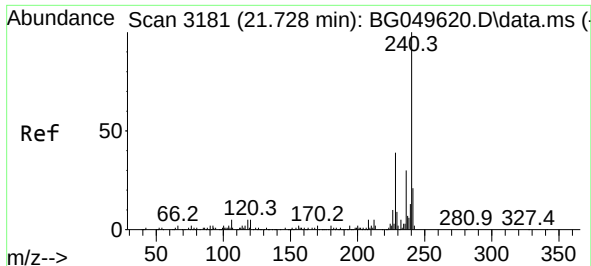


#75
Fluoranthene
Concen: 2.972 ng
RT: 19.487 min Scan# 2800
Delta R.T. -0.002 min
Lab File: BG049859.D
Acq: 16 Aug 2021 21:09



Tgt Ion:202 Resp: 33183
Ion Ratio Lower Upper
202 100
101 4.6 0.0 24.7
203 16.9 0.0 38.5

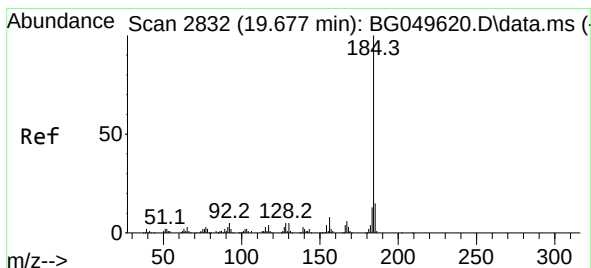
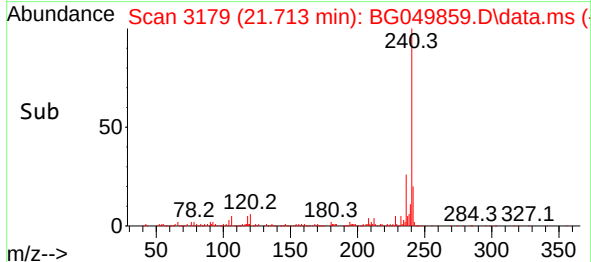
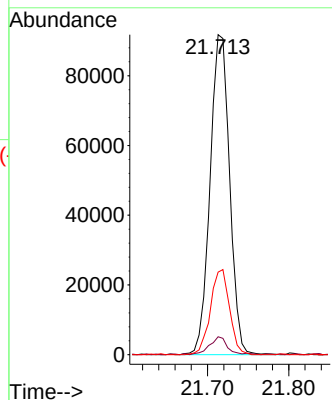
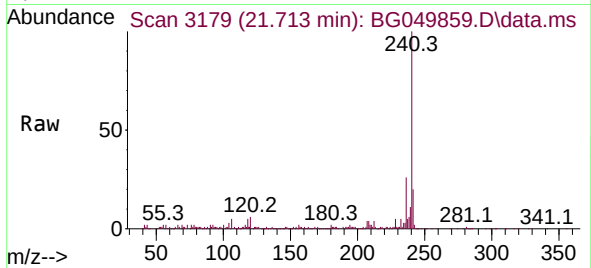




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.713 min Scan# 3179
Delta R.T. -0.008 min
Lab File: BG049859.D
Acq: 16 Aug 2021 21:09

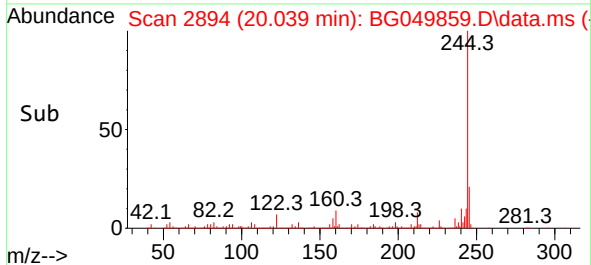
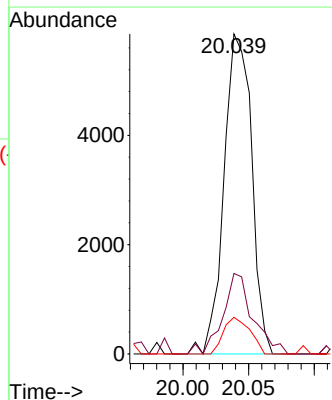
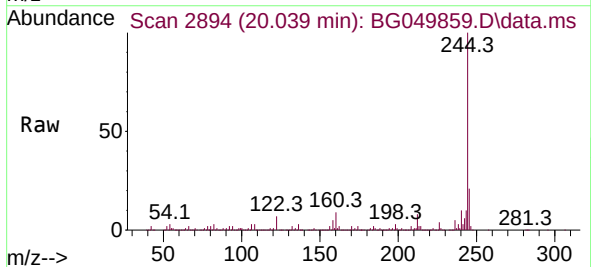
Instrument :
BNA_G
ClientSampled :
25S

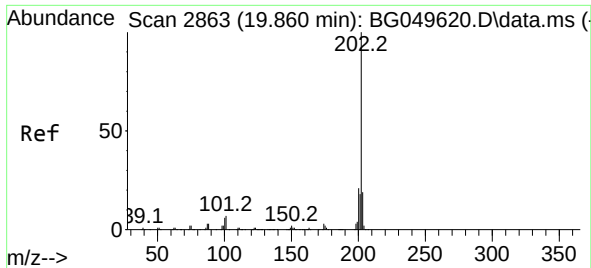
Tgt Ion:240 Resp: 153252
Ion Ratio Lower Upper
240 100
120 5.6 4.2 6.2
236 25.8 21.8 32.6



#77
Benzidine
Concen: 2.184 ng
RT: 20.039 min Scan# 2894
Delta R.T. 0.374 min
Lab File: BG049859.D
Acq: 16 Aug 2021 21:09

Tgt Ion:184 Resp: 8575
Ion Ratio Lower Upper
184 100
185 25.2 10.7 16.1#
183 11.4 9.4 14.0

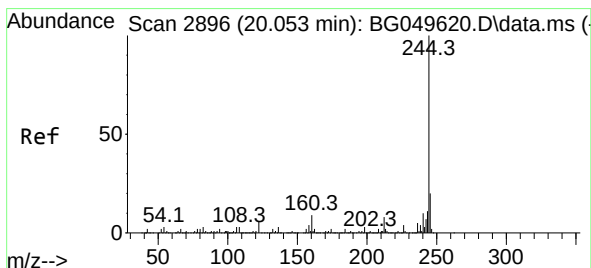
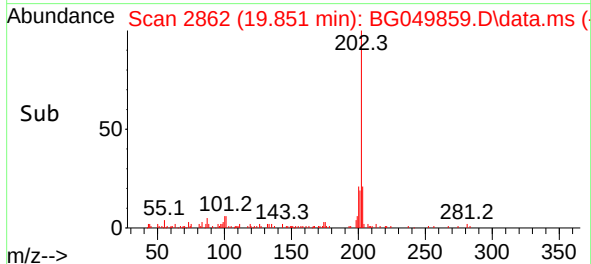
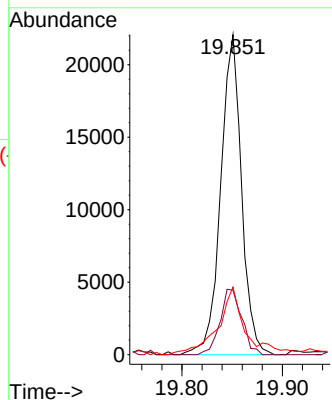
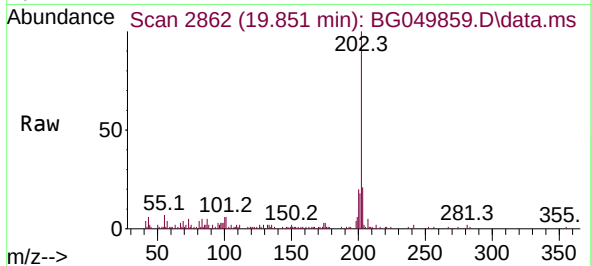




#78
Pyrene
Concen: 3.040 ng
RT: 19.851 min Scan# 2862
Delta R.T. -0.002 min
Lab File: BG049859.D
Acq: 16 Aug 2021 21:09

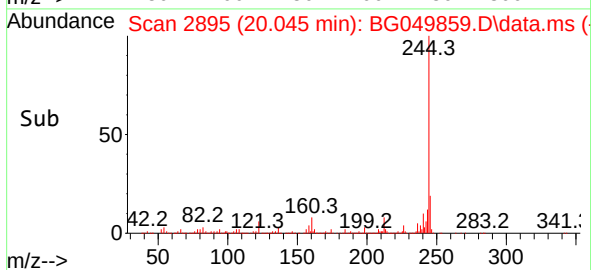
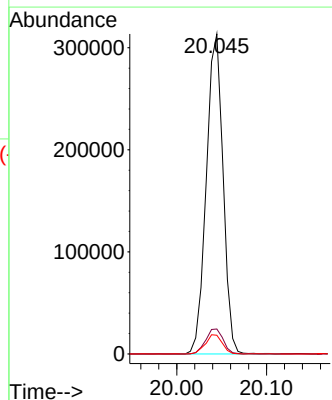
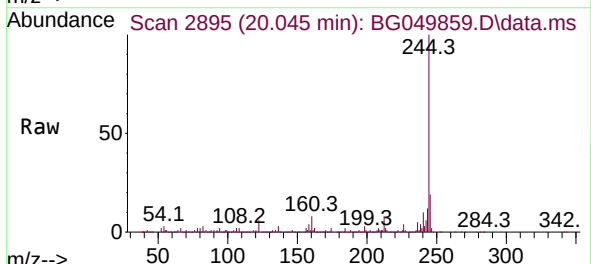
Instrument :
BNA_G
ClientSampleId :
25S

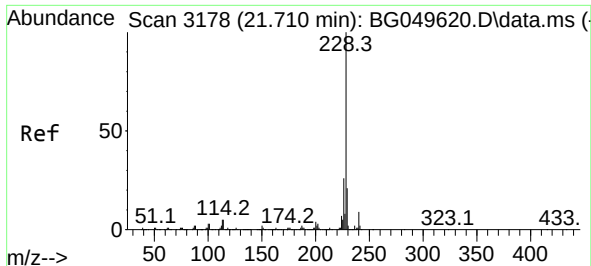
Tgt Ion:202 Resp: 31759
Ion Ratio Lower Upper
202 100
200 20.2 15.8 23.8
203 21.1 14.6 21.8



#79
Terphenyl-d14
Concen: 48.036 ng
RT: 20.045 min Scan# 2895
Delta R.T. -0.002 min
Lab File: BG049859.D
Acq: 16 Aug 2021 21:09

Tgt Ion:244 Resp: 405330
Ion Ratio Lower Upper
244 100
212 7.8 6.9 10.3
122 5.8 5.0 7.6

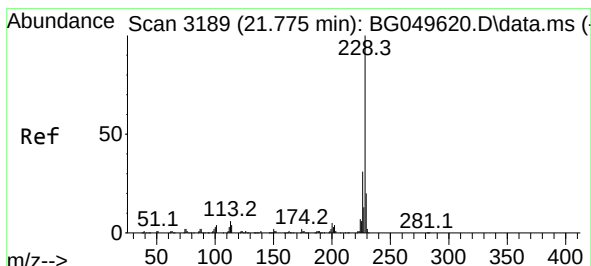
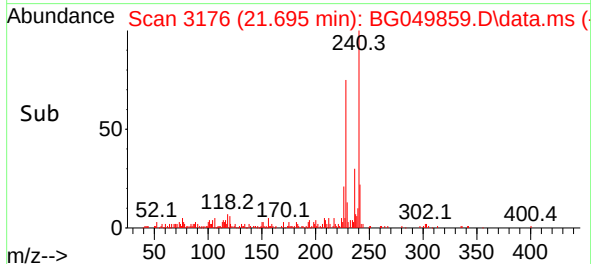
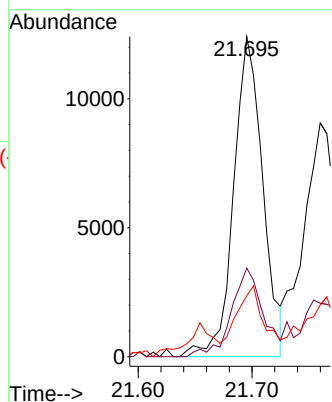
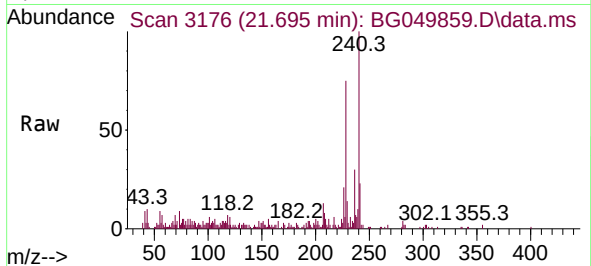




#81
Benzo(a)anthracene
Concen: 2.215 ng
RT: 21.695 min Scan# 3176
Delta R.T. -0.002 min
Lab File: BG049859.D
Acq: 16 Aug 2021 21:09

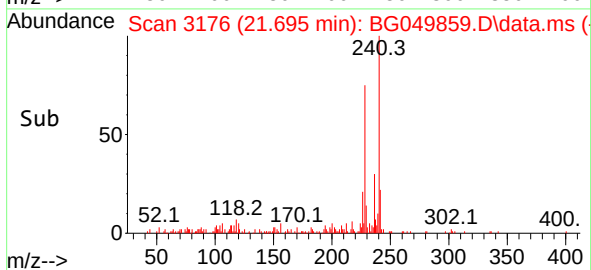
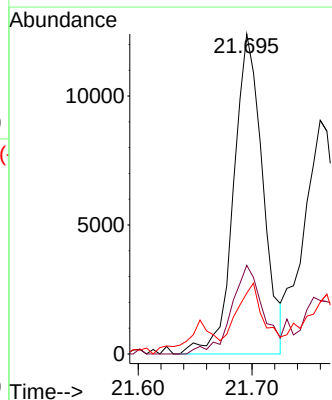
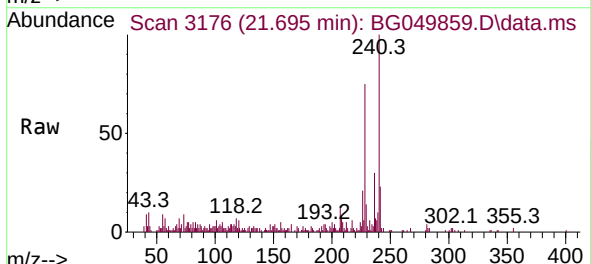
Instrument :
BNA_G
ClientSampled :
25S

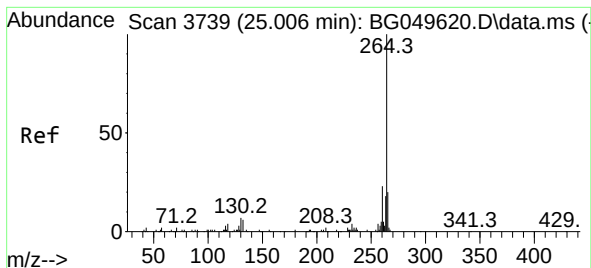
Tgt Ion:228 Resp: 22111
Ion Ratio Lower Upper
228 100
226 27.7 22.7 34.1
229 19.0 16.0 24.0



#83
Chrysene
Concen: 2.318 ng
RT: 21.695 min Scan# 3176
Delta R.T. -0.073 min
Lab File: BG049859.D
Acq: 16 Aug 2021 21:09

Tgt Ion:228 Resp: 22111
Ion Ratio Lower Upper
228 100
226 27.7 23.1 34.7
229 19.0 15.3 22.9

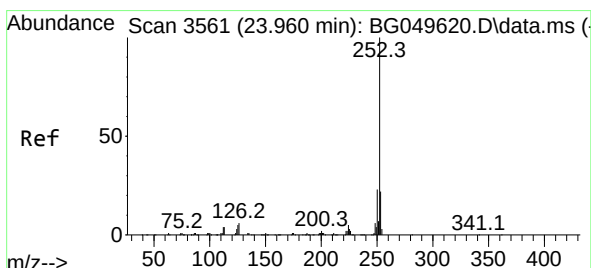
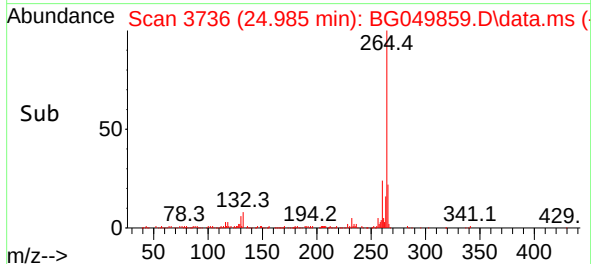
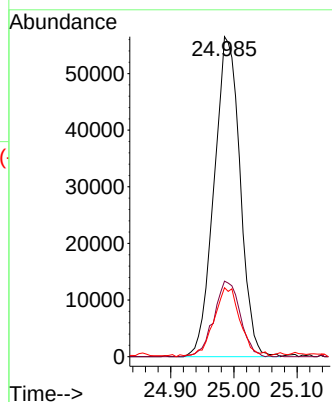
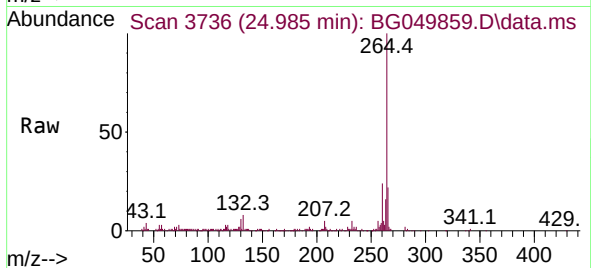




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.985 min Scan# 3736
 Delta R.T. -0.002 min
 Lab File: BG049859.D
 Acq: 16 Aug 2021 21:09

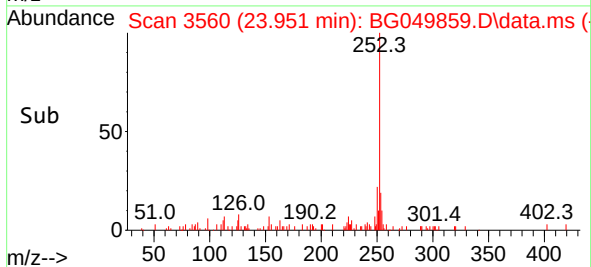
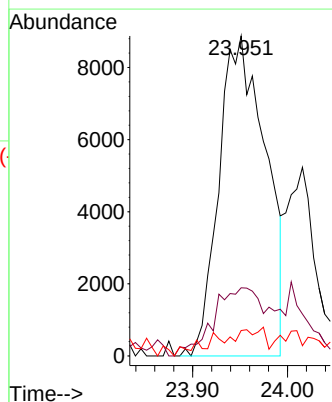
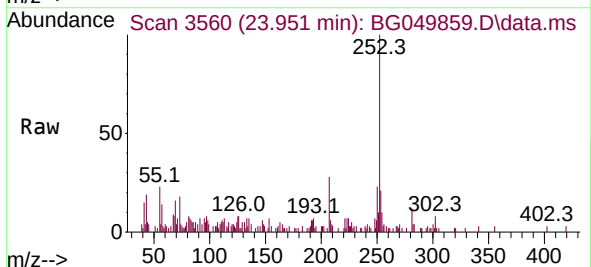
Instrument :
 BNA_G
 ClientSampled :
 25S

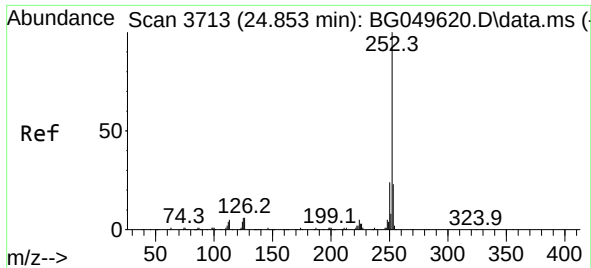
Tgt Ion:264 Resp: 161115
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.2
 265 21.6 16.9 25.3



#88
 Benzo(b)fluoranthene
 Concen: 2.867 ng
 RT: 23.951 min Scan# 3560
 Delta R.T. -0.002 min
 Lab File: BG049859.D
 Acq: 16 Aug 2021 21:09

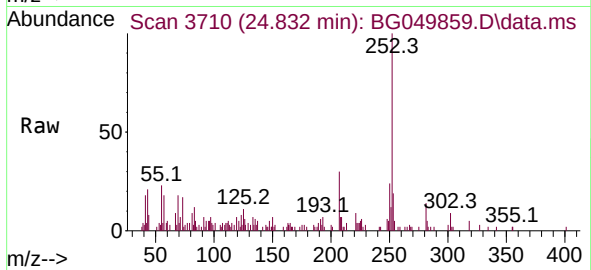
Tgt Ion:252 Resp: 30300
 Ion Ratio Lower Upper
 252 100
 253 21.3 16.2 24.4
 125 8.0 3.0 4.4#





#90
Benzo(a)pyrene
Concen: 2.654 ng
RT: 24.832 min Scan# 3710
Delta R.T. -0.008 min
Lab File: BG049859.D
Acq: 16 Aug 2021 21:09

Instrument :
BNA_G
ClientSampled :
25S



Tgt Ion	Ratio	Lower	Upper
252	100		
253	18.8	16.6	25.0
125	10.6	3.5	5.3

