

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
 Data File : BG049856.D
 Acq On : 16 Aug 2021 19:06
 Operator : CG/JU
 Sample : M3408-11
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 34S

Quant Time: Aug 17 04:41:58 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

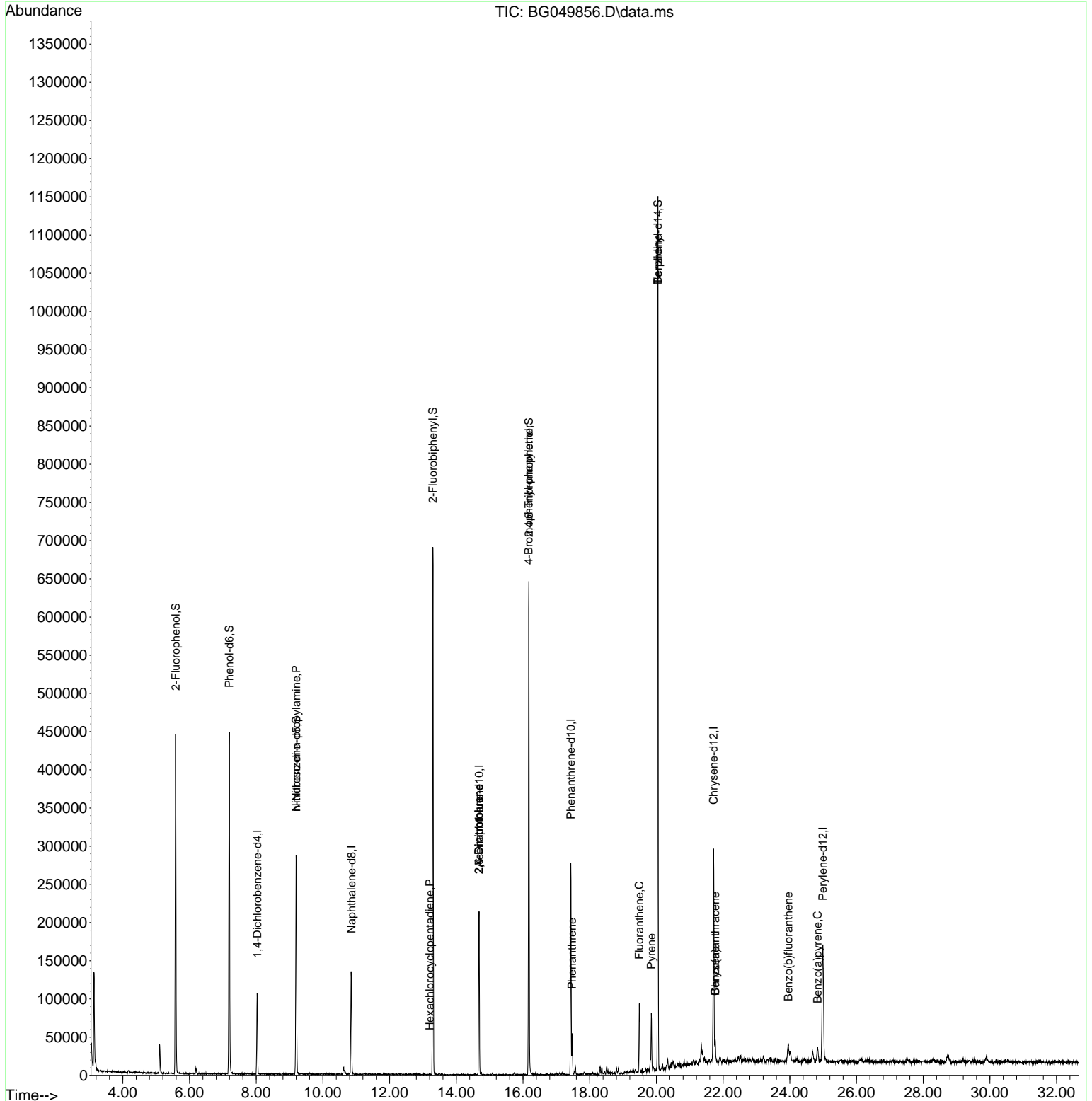
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	28387	20.000	ng	# 0.00
21) Naphthalene-d8	10.853	136	114777	20.000	ng	# 0.00
39) Acenaphthene-d10	14.683	164	78794	20.000	ng	0.00
64) Phenanthrene-d10	17.433	188	169867	20.000	ng	# 0.00
76) Chrysene-d12	21.715	240	158818	20.000	ng	0.00
86) Perylene-d12	24.993	264	168201	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.584	112	181663	114.718	ng	0.00
7) Phenol-d6	7.194	99	244352	101.937	ng	0.00
23) Nitrobenzene-d5	9.197	82	174897	67.430	ng	0.00
42) 2,4,6-Tribromophenol	16.176	330	129375	111.707	ng	0.00
45) 2-Fluorobiphenyl	13.297	172	360075	66.495	ng	0.00
79) Terphenyl-d14	20.047	244	548923	62.773	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.197	70	25884	16.136	ng	# 68
41) Hexachlorocyclopentadiene	13.209	237	55	3.582	ng	# 31
51) 2,6-Dinitrotoluene	14.678	165	10461	7.992	ng	# 10
57) 2,4-Dinitrotoluene	14.678	165	10461	5.690	ng	# 15
67) 4-Bromophenyl-phenylether	16.170	248	7623	3.810	ng	# 1
71) Phenanthrene	17.474	178	32002	3.581	ng	96
75) Fluoranthene	19.489	202	55432	5.040	ng	92
77) Benzidine	20.047	184	10321	2.536	ng	# 94
78) Pyrene	19.847	202	49690	4.589	ng	97
81) Benzo(a)anthracene	21.762	228	22297	2.156	ng	99
83) Chrysene	21.762	228	22297	2.255	ng	99
88) Benzo(b)fluoranthene	23.953	252	28181	2.555	ng	# 96
90) Benzo(a)pyrene	24.834	252	22870	2.291	ng	# 97

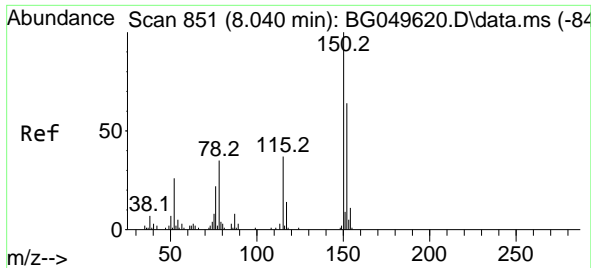
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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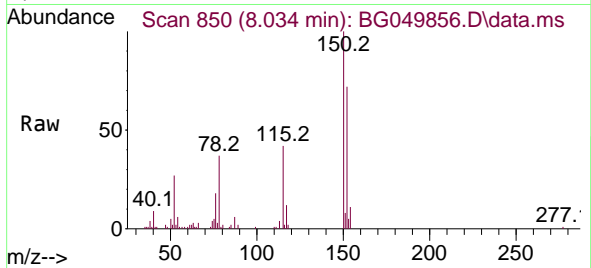
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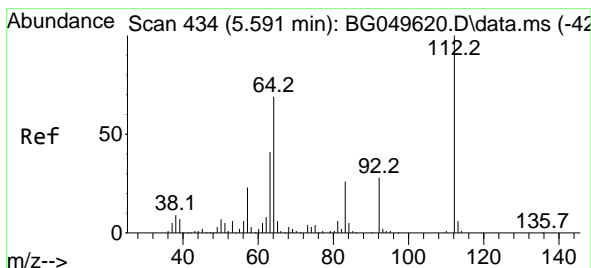
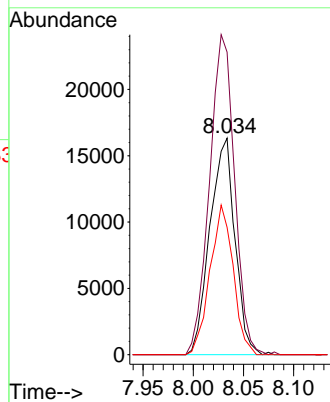
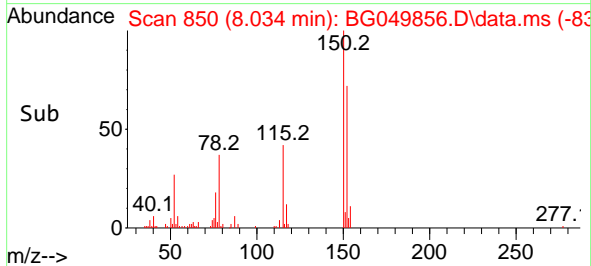


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.034 min Scan# 850
 Delta R.T. 0.006 min
 Lab File: BG049856.D
 Acq: 16 Aug 2021 19:06

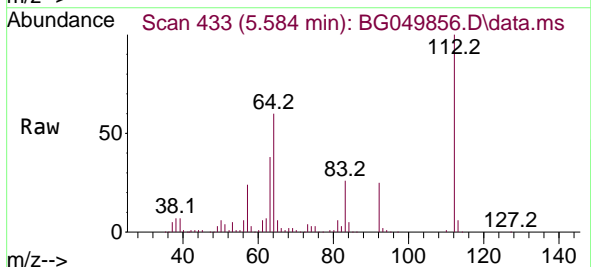
Instrument :
 BNA_G
 ClientSampled :
 34S



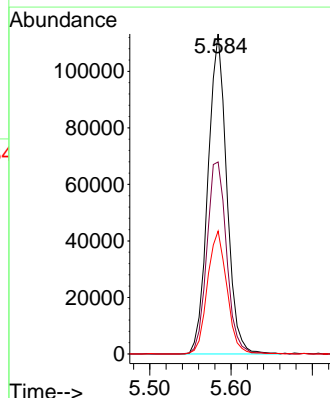
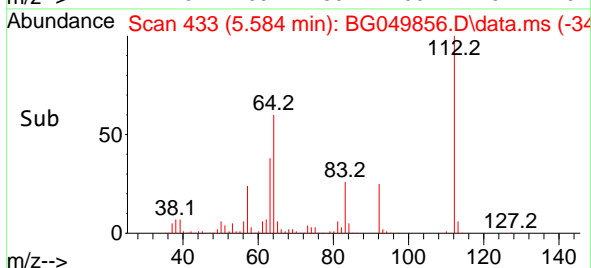
Tgt Ion:152 Resp: 28387
 Ion Ratio Lower Upper
 152 100
 150 139.7 119.4 179.0
 115 58.8 60.2 90.4#

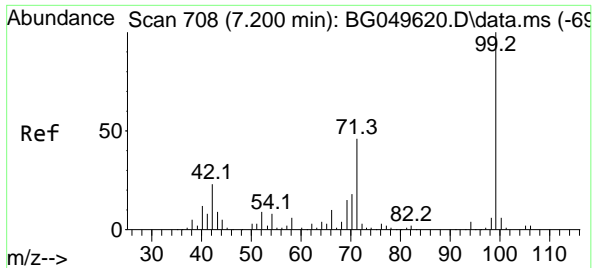


#5
 2-Fluorophenol
 Concen: 114.718 ng
 RT: 5.584 min Scan# 433
 Delta R.T. 0.006 min
 Lab File: BG049856.D
 Acq: 16 Aug 2021 19:06



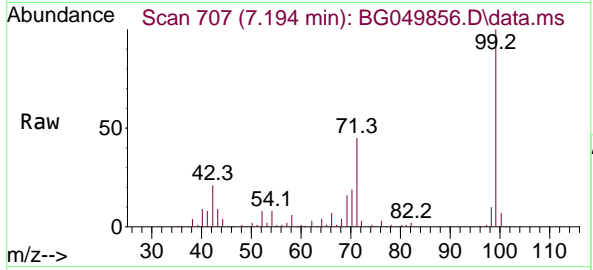
Tgt Ion:112 Resp: 181663
 Ion Ratio Lower Upper
 112 100
 64 60.0 46.7 70.1
 63 38.4 35.3 52.9





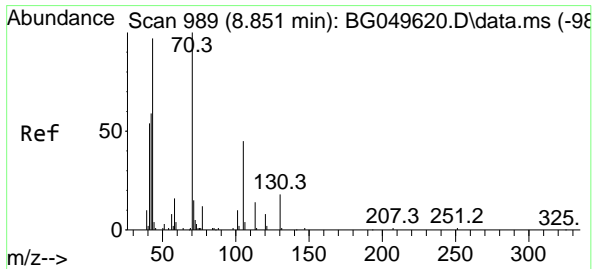
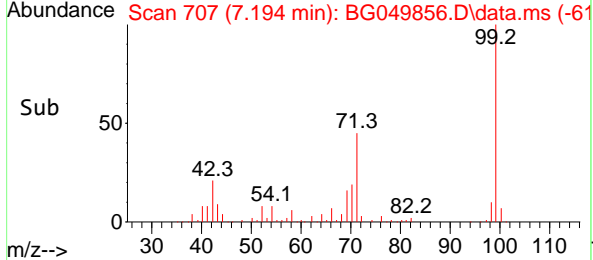
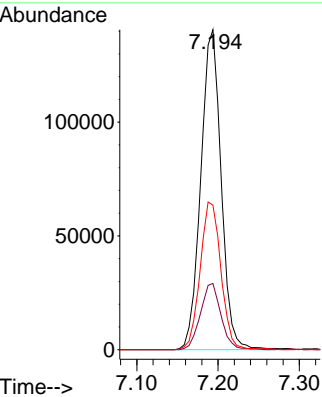
#7
 Phenol-d6
 Concen: 101.937 ng
 RT: 7.194 min Scan# 707
 Delta R.T. -0.000 min
 Lab File: BG049856.D
 Acq: 16 Aug 2021 19:06

Instrument :
 BNA_G
ClientSampled :
 34S

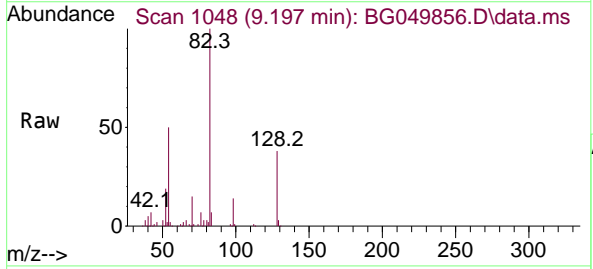


Tgt Ion: 99 Resp: 244352

Ion	Ratio	Lower	Upper
99	100		
42	20.7	20.5	30.7
71	45.2	41.5	62.3

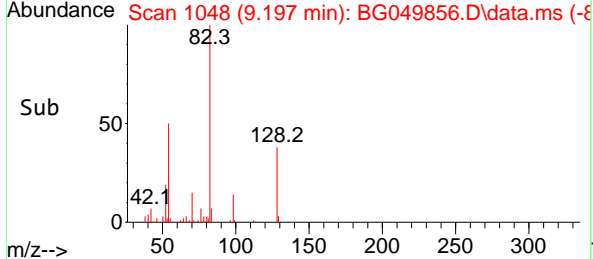
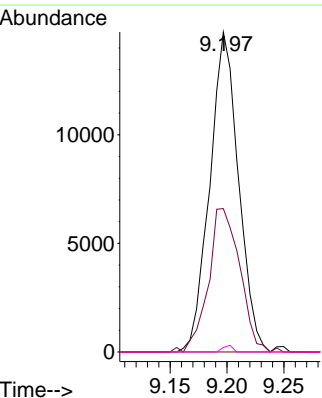


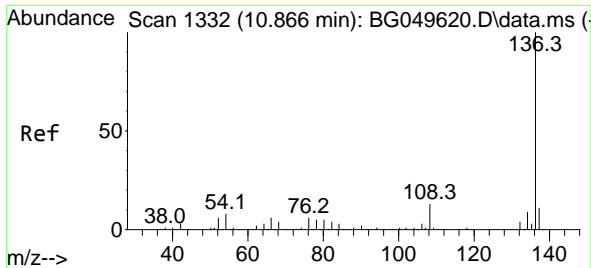
#19
 n-Nitroso-di-n-propylamine
 Concen: 16.136 ng
 RT: 9.197 min Scan# 1048
 Delta R.T. 0.358 min
 Lab File: BG049856.D
 Acq: 16 Aug 2021 19:06



Tgt Ion: 70 Resp: 25884

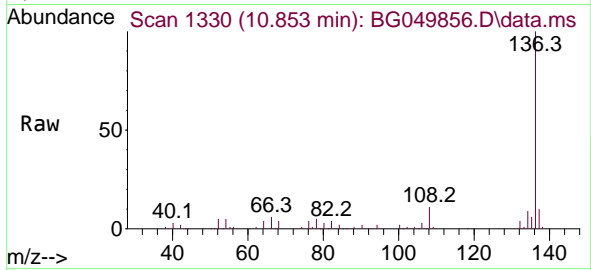
Ion	Ratio	Lower	Upper
70	100		
42	44.8	54.5	81.7#
101	0.0	9.0	13.6#
130	1.4	17.0	25.6#





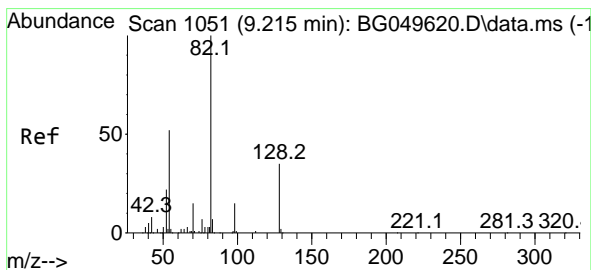
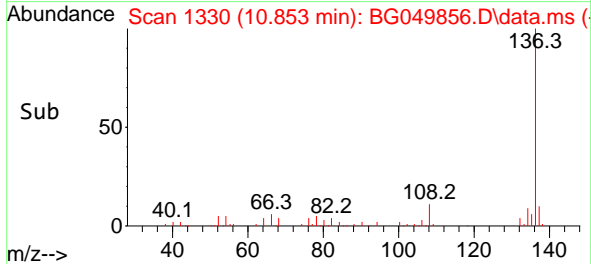
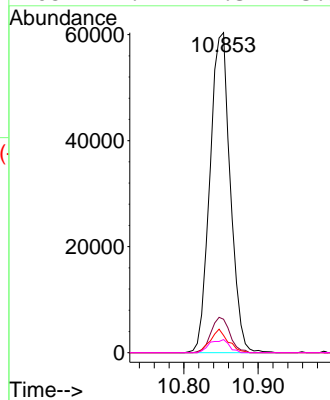
#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.853 min Scan# 1330
 Delta R.T. 0.006 min
 Lab File: BG049856.D
 Acq: 16 Aug 2021 19:06

Instrument :
 BNA_G
 ClientSampled :
 34S

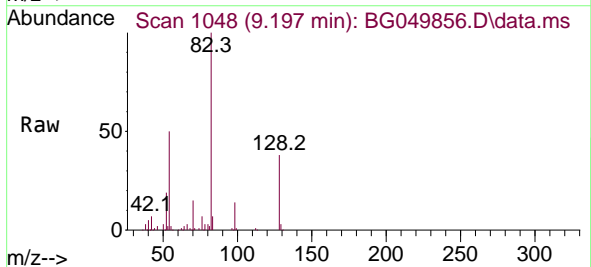


Tgt Ion: 136 Resp: 114777

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.2	12.2
54	5.4	5.5	8.3#
68	4.1	2.3	3.5#

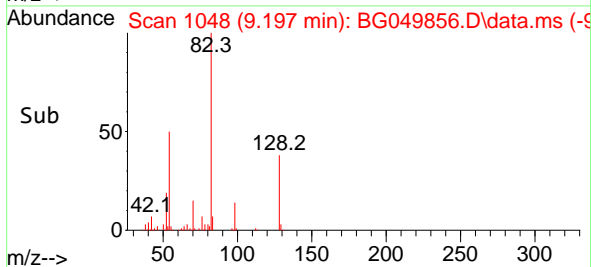
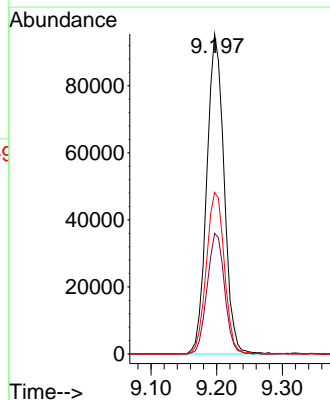


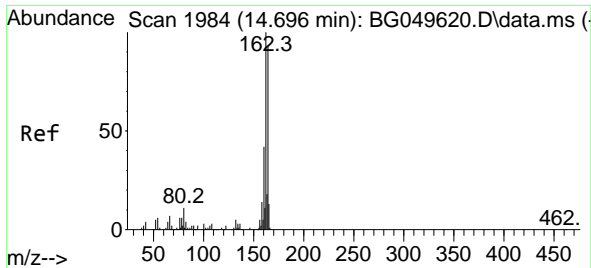
#23
 Nitrobenzene-d5
 Concen: 67.430 ng
 RT: 9.197 min Scan# 1048
 Delta R.T. -0.000 min
 Lab File: BG049856.D
 Acq: 16 Aug 2021 19:06



Tgt Ion: 82 Resp: 174897

Ion	Ratio	Lower	Upper
82	100		
128	37.7	29.8	44.6
54	50.5	45.8	68.8

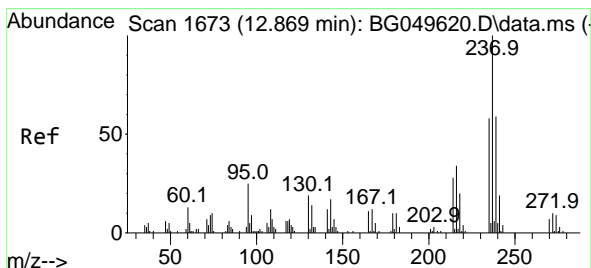
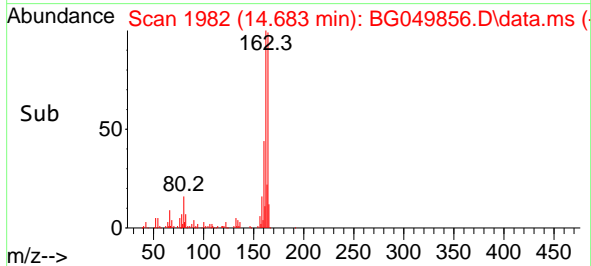
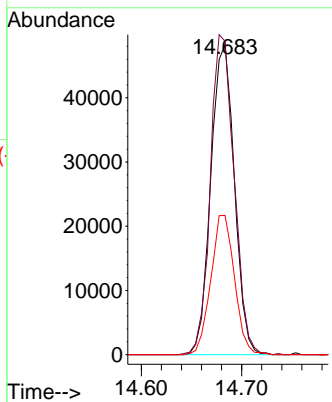
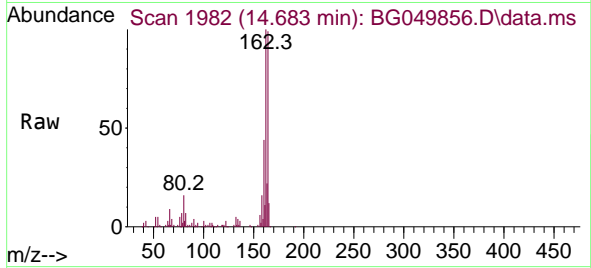




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.683 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: BG049856.D
 Acq: 16 Aug 2021 19:06

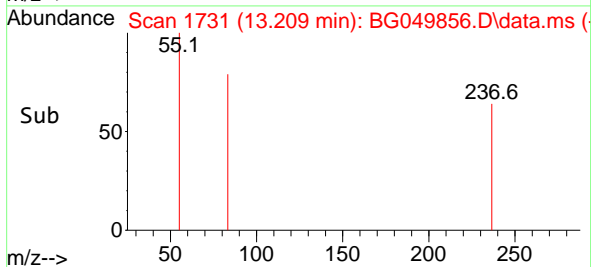
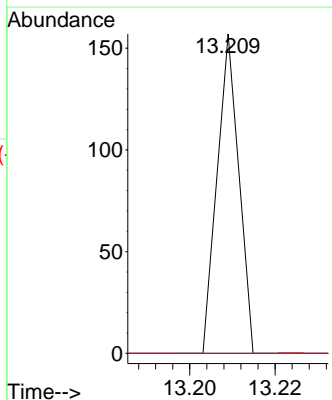
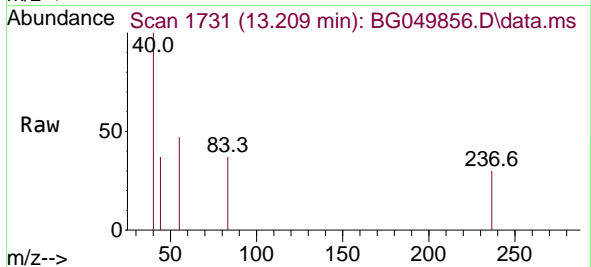
Instrument :
 BNA_G
 ClientSampled :
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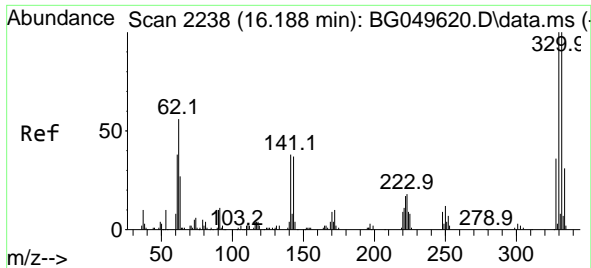
Tgt Ion	Resp	Lower	Upper
164	78794		
162	101.0	81.4	122.0
160	44.9	34.9	52.3



#41
 Hexachlorocyclopentadiene
 Concen: 3.582 ng
 RT: 13.209 min Scan# 1731
 Delta R.T. 0.358 min
 Lab File: BG049856.D
 Acq: 16 Aug 2021 19:06

Tgt Ion	Resp	Lower	Upper
237	55		
235	0.0	36.6	76.6#
272	0.0	0.0	32.5

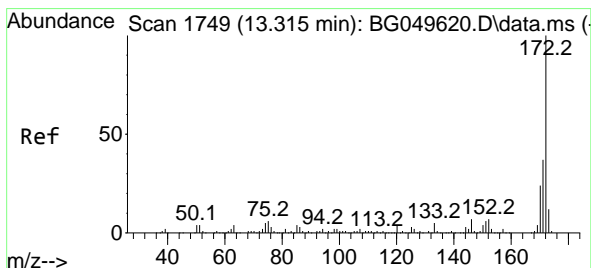
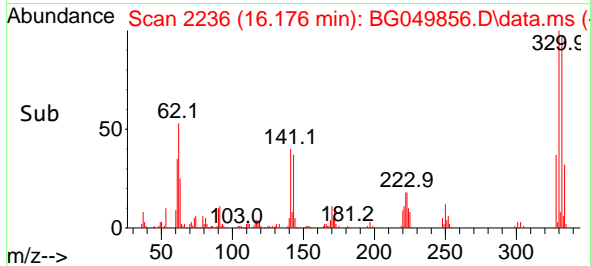
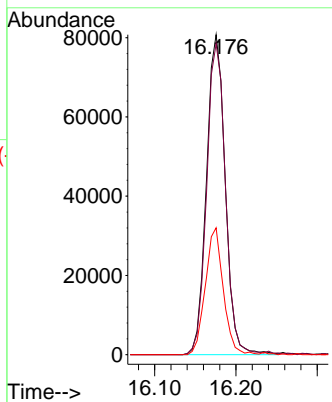
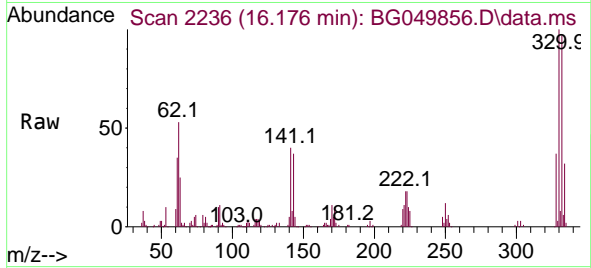




#42
 2,4,6-Tribromophenol
 Concen: 111.707 ng
 RT: 16.176 min Scan# 2236
 Delta R.T. -0.000 min
 Lab File: BG049856.D
 Acq: 16 Aug 2021 19:06

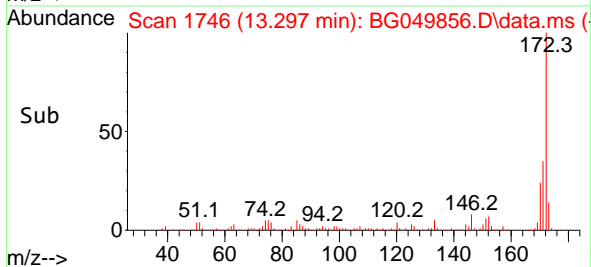
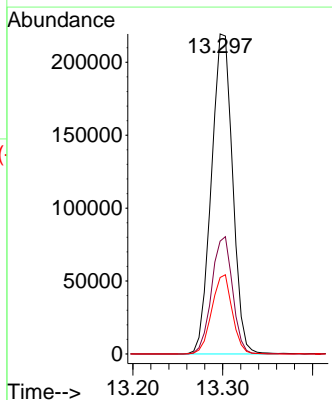
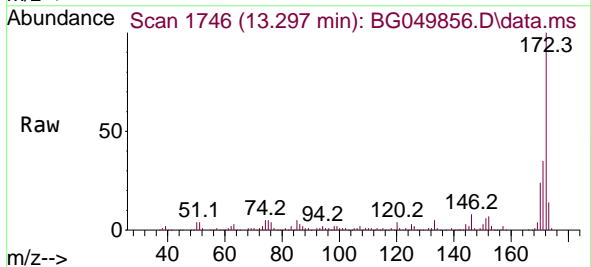
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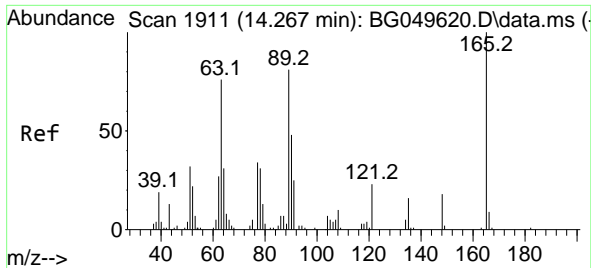
Tgt Ion	Resp	Lower	Upper
330	100		
332	97.1	77.3	115.9
141	37.9	35.6	53.4



#45
 2-Fluorobiphenyl
 Concen: 66.495 ng
 RT: 13.297 min Scan# 1746
 Delta R.T. -0.006 min
 Lab File: BG049856.D
 Acq: 16 Aug 2021 19:06

Tgt Ion	Resp	Lower	Upper
172	100		
171	35.3	28.6	43.0
170	23.9	18.6	27.8

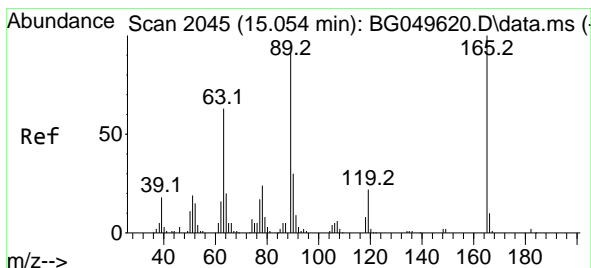
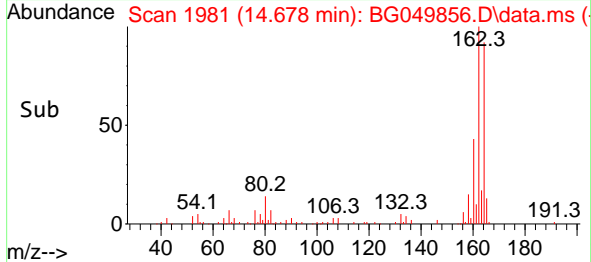
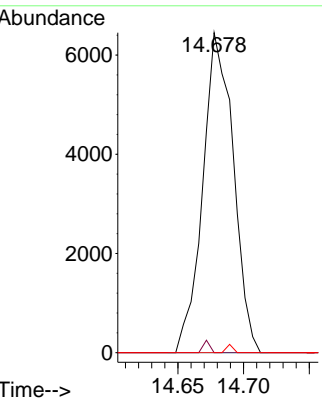
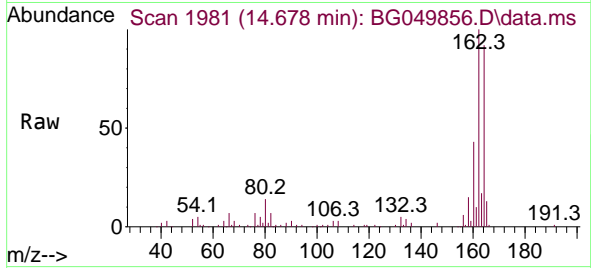




#51
 2,6-Dinitrotoluene
 Concen: 7.992 ng
 RT: 14.678 min Scan# 1981
 Delta R.T. 0.423 min
 Lab File: BG049856.D
 Acq: 16 Aug 2021 19:06

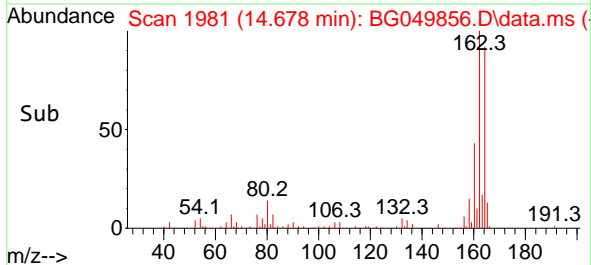
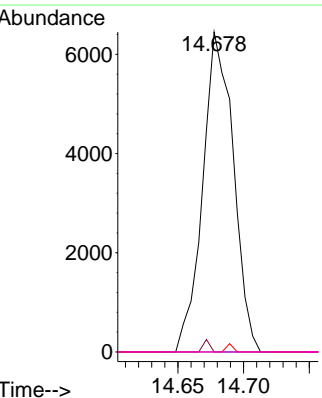
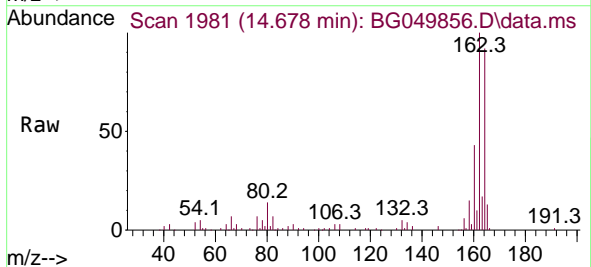
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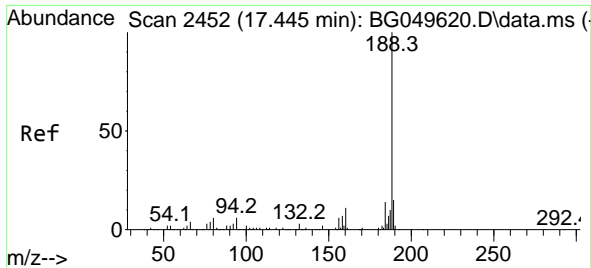
Tgt Ion	Resp	Lower	Upper
165	100		
63	0.0	63.3	94.9#
89	0.0	63.4	95.0#



#57
 2,4-Dinitrotoluene
 Concen: 5.690 ng
 RT: 14.678 min Scan# 1981
 Delta R.T. -0.370 min
 Lab File: BG049856.D
 Acq: 16 Aug 2021 19:06

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

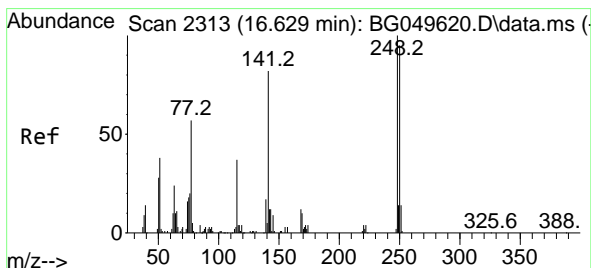
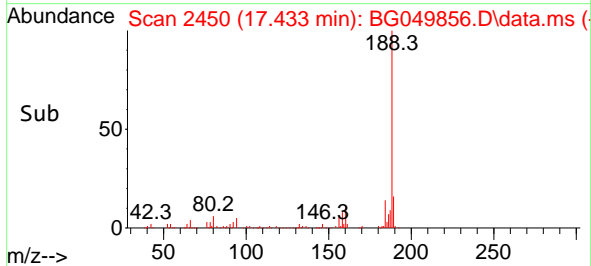
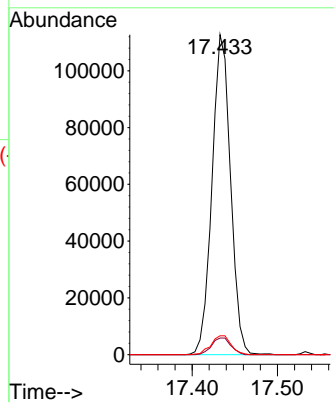
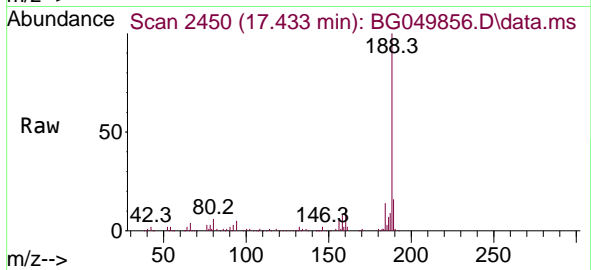




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.433 min Scan# 2450
 Delta R.T. -0.006 min
 Lab File: BG049856.D
 Acq: 16 Aug 2021 19:06

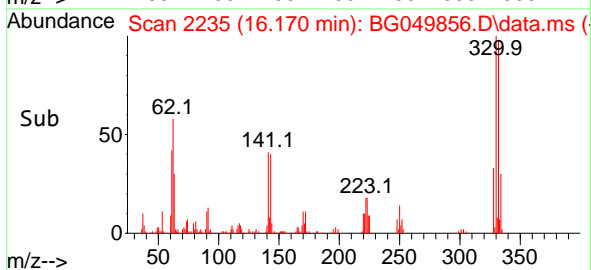
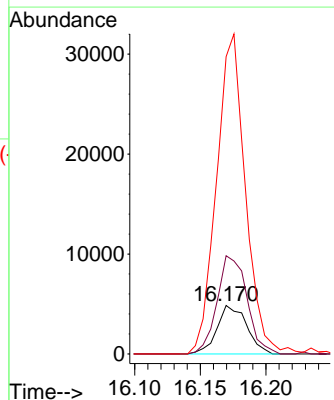
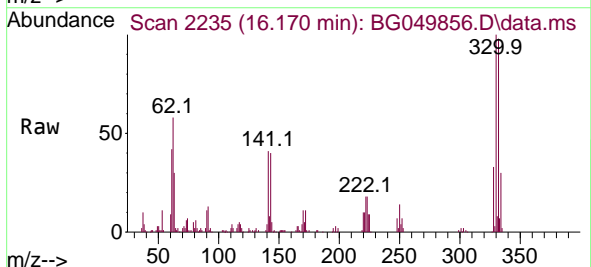
Instrument :
 BNA_G
 ClientSampled :
 34S

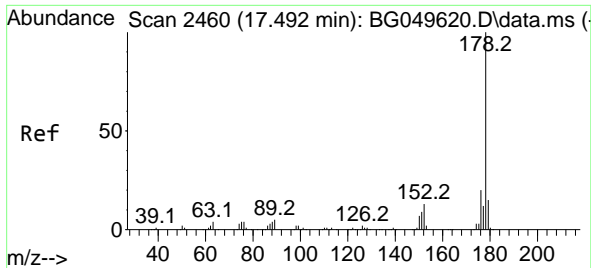
Tgt Ion:188 Resp: 169867
 Ion Ratio Lower Upper
 188 100
 94 5.2 5.4 8.0#
 80 5.9 3.7 5.5#



#67
 4-Bromophenyl-phenylether
 Concen: 3.810 ng
 RT: 16.170 min Scan# 2235
 Delta R.T. -0.447 min
 Lab File: BG049856.D
 Acq: 16 Aug 2021 19:06

Tgt Ion:248 Resp: 7623
 Ion Ratio Lower Upper
 248 100
 250 202.3 76.1 114.1#
 141 612.0 65.4 98.2#

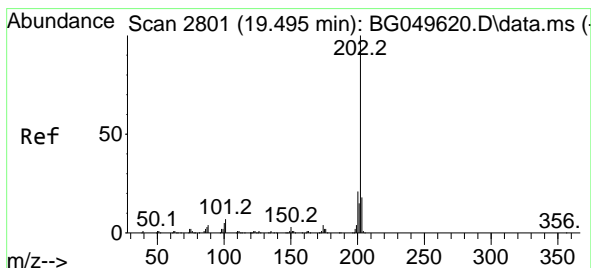
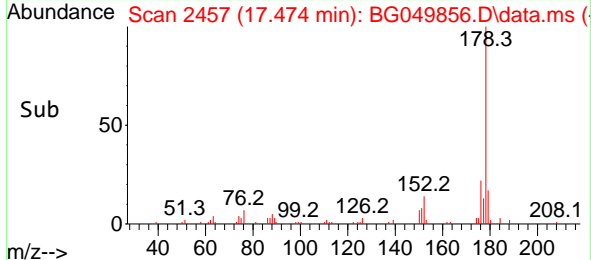
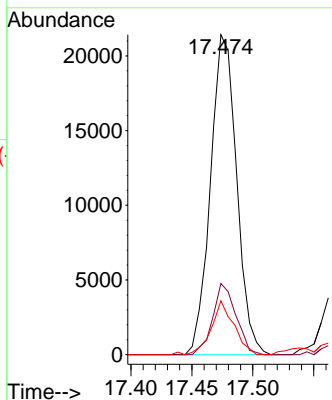
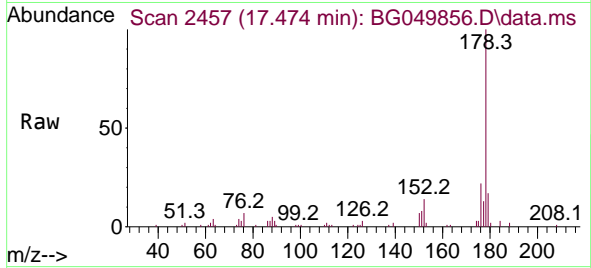




#71
 Phenanthrene
 Concen: 3.581 ng
 RT: 17.474 min Scan# 2457
 Delta R.T. -0.006 min
 Lab File: BG049856.D
 Acq: 16 Aug 2021 19:06

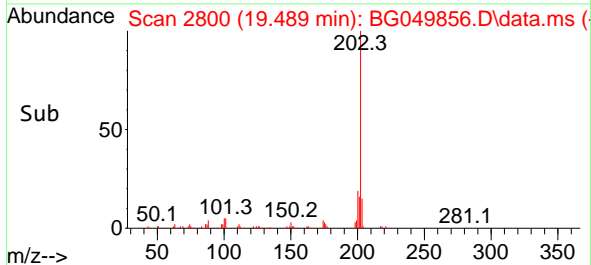
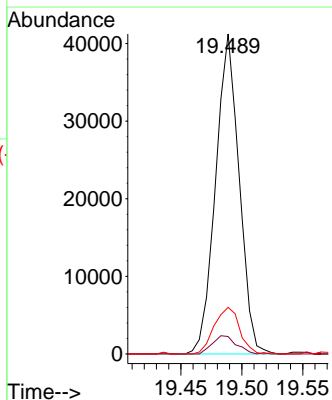
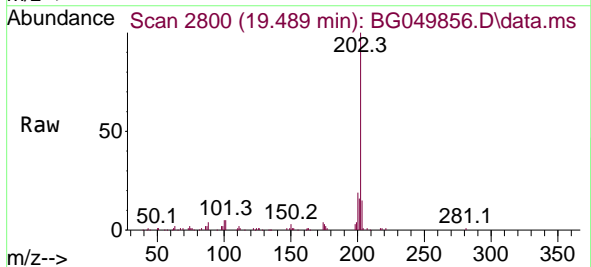
Instrument :
 BNA_G
 ClientSampled :
 34S

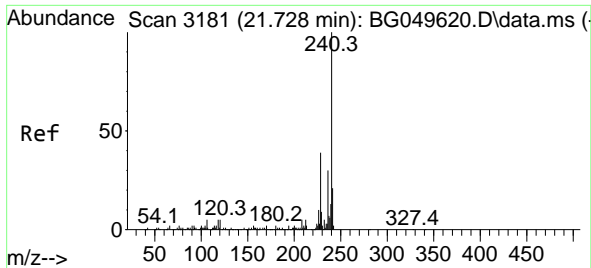
Tgt Ion	Resp	Lower	Upper
178	100		
176	22.2	16.0	24.0
179	16.8	14.2	21.4



#75
 Fluoranthene
 Concen: 5.040 ng
 RT: 19.489 min Scan# 2800
 Delta R.T. -0.000 min
 Lab File: BG049856.D
 Acq: 16 Aug 2021 19:06

Tgt Ion	Resp	Lower	Upper
202	100		
101	5.5	0.0	24.7
203	14.6	0.0	38.5

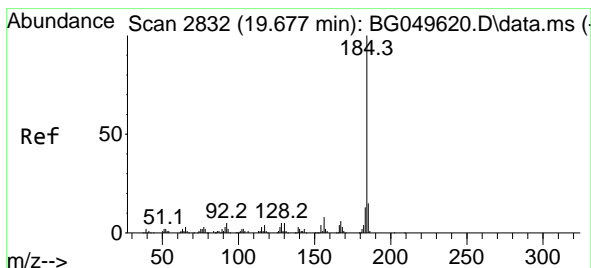
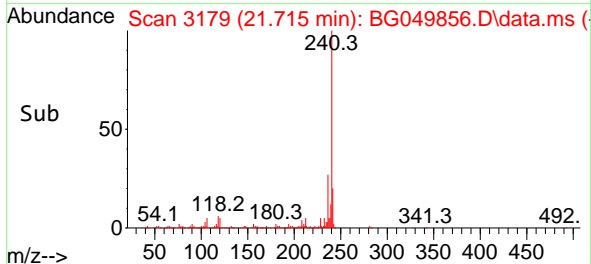
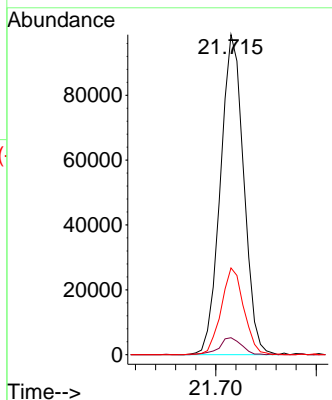
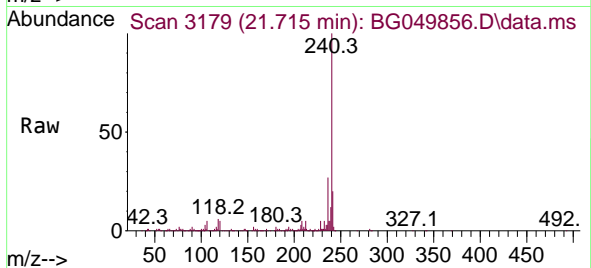




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.715 min Scan# 3179
 Delta R.T. -0.006 min
 Lab File: BG049856.D
 Acq: 16 Aug 2021 19:06

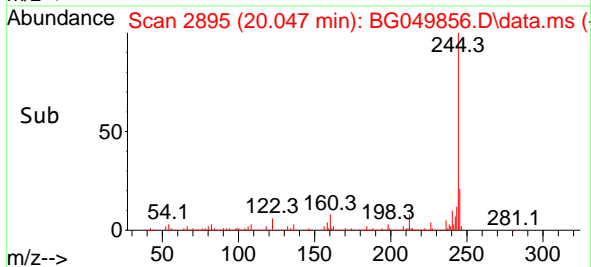
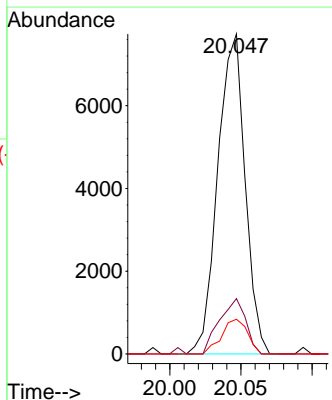
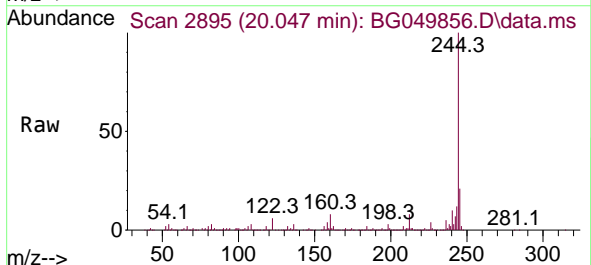
Instrument :
 BNA_G
 ClientSampled :
 34S

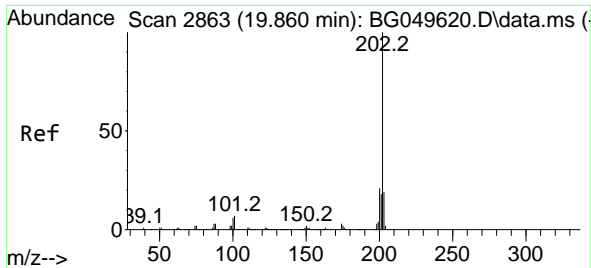
Tgt Ion	Resp	Lower	Upper
240	158818		
120	5.3	4.2	6.2
236	27.1	21.8	32.6



#77
 Benzdine
 Concen: 2.536 ng
 RT: 20.047 min Scan# 2895
 Delta R.T. 0.382 min
 Lab File: BG049856.D
 Acq: 16 Aug 2021 19:06

Tgt Ion	Resp	Lower	Upper
184	10321		
185	17.3	10.7	16.1
183	10.9	9.4	14.0

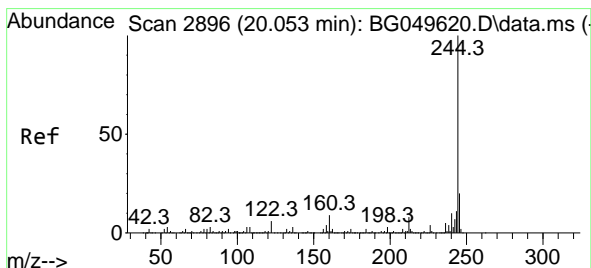
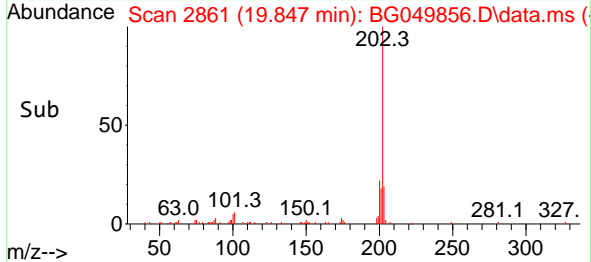
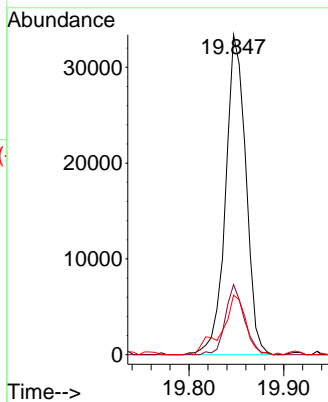
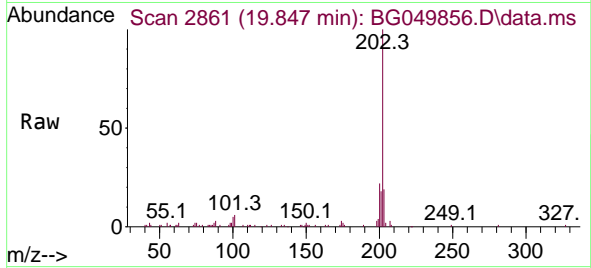




#78
 Pyrene
 Concen: 4.589 ng
 RT: 19.847 min Scan# 2861
 Delta R.T. -0.006 min
 Lab File: BG049856.D
 Acq: 16 Aug 2021 19:06

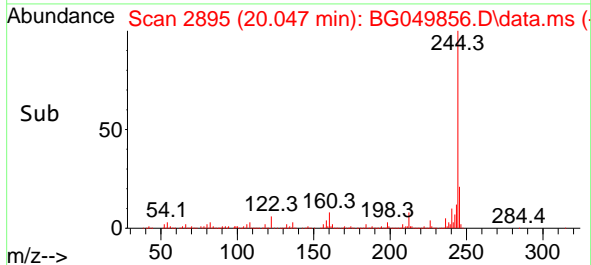
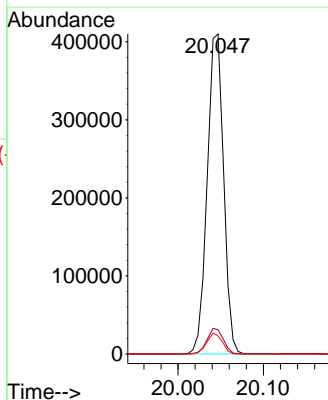
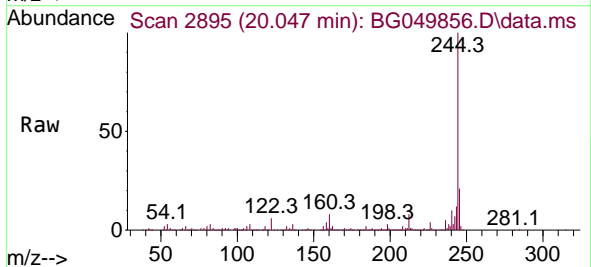
Instrument :
 BNA_G
 ClientSampled :
 34S

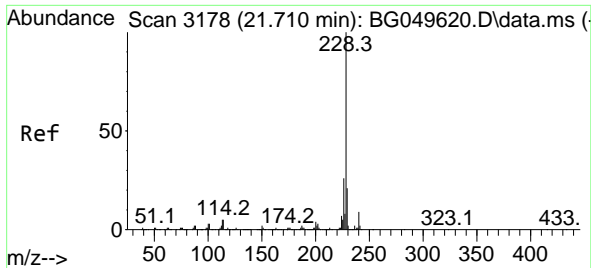
Tgt Ion	Resp	Lower	Upper
202	49690		
200	21.9	15.8	23.8
203	18.6	14.6	21.8



#79
 Terphenyl-d14
 Concen: 62.773 ng
 RT: 20.047 min Scan# 2895
 Delta R.T. -0.000 min
 Lab File: BG049856.D
 Acq: 16 Aug 2021 19:06

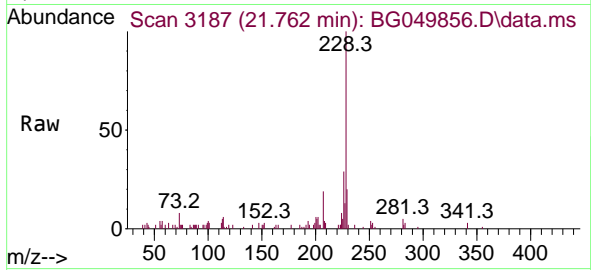
Tgt Ion	Resp	Lower	Upper
244	548923		
212	7.6	6.9	10.3
122	5.7	5.0	7.6



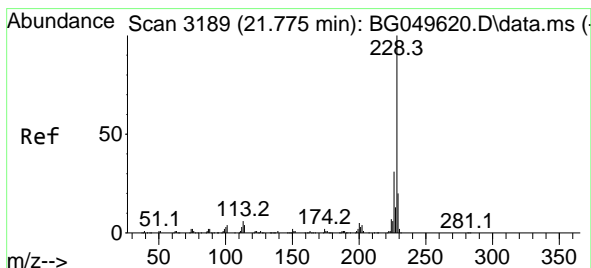
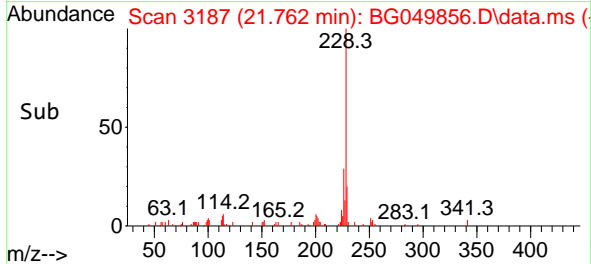
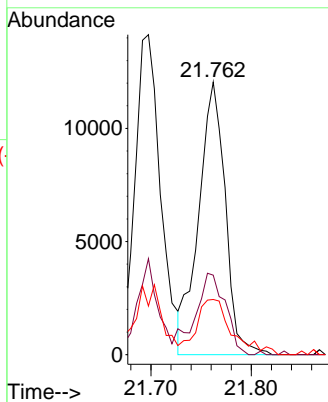


#81
 Benzo(a)anthracene
 Concen: 2.156 ng
 RT: 21.762 min Scan# 3187
 Delta R.T. 0.064 min
 Lab File: BG049856.D
 Acq: 16 Aug 2021 19:06

Instrument :
 BNA_G
 ClientSampled :
 34S

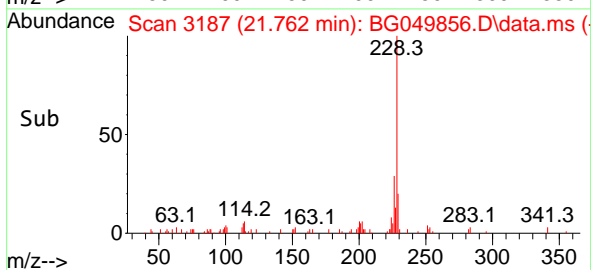
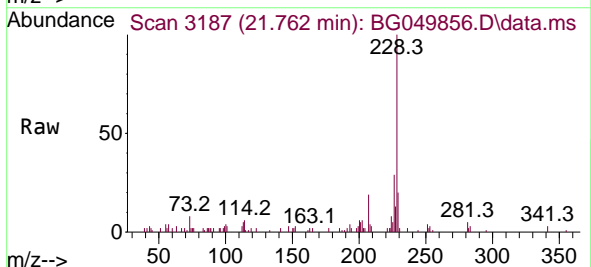
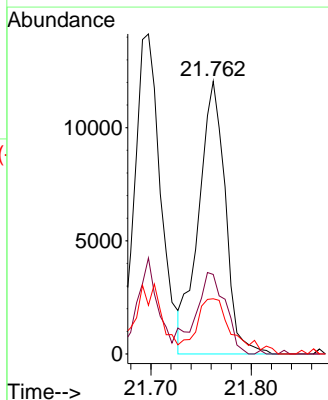


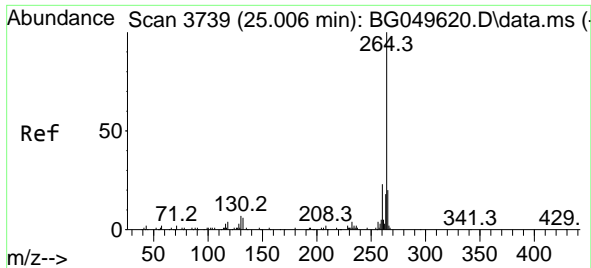
Tgt Ion:228 Resp: 22297
 Ion Ratio Lower Upper
 228 100
 226 29.2 22.7 34.1
 229 20.2 16.0 24.0



#83
 Chrysene
 Concen: 2.255 ng
 RT: 21.762 min Scan# 3187
 Delta R.T. -0.006 min
 Lab File: BG049856.D
 Acq: 16 Aug 2021 19:06

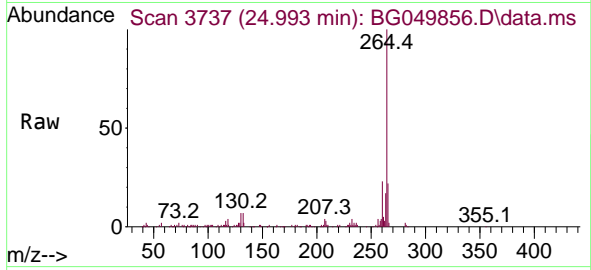
Tgt Ion:228 Resp: 22297
 Ion Ratio Lower Upper
 228 100
 226 29.2 23.1 34.7
 229 20.2 15.3 22.9



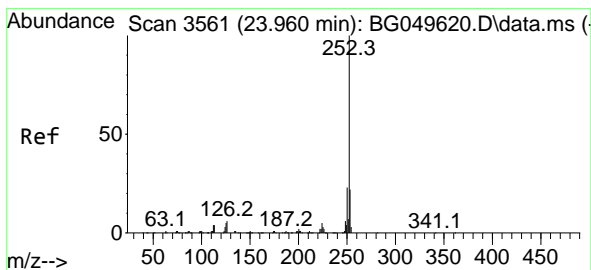
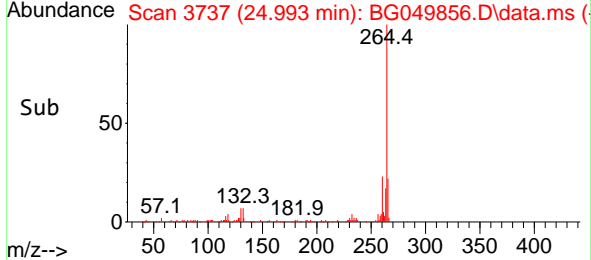
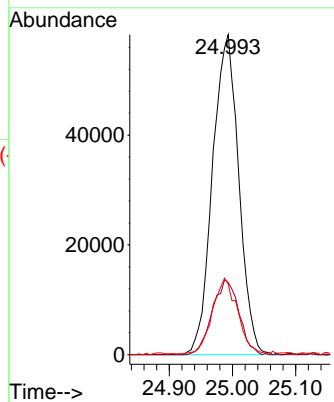


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.993 min Scan# 3737
 Delta R.T. 0.006 min
 Lab File: BG049856.D
 Acq: 16 Aug 2021 19:06

Instrument :
 BNA_G
 ClientSampled :
 34S

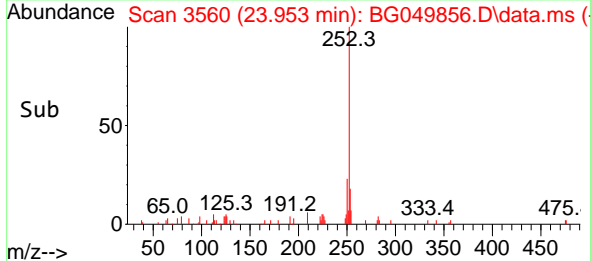
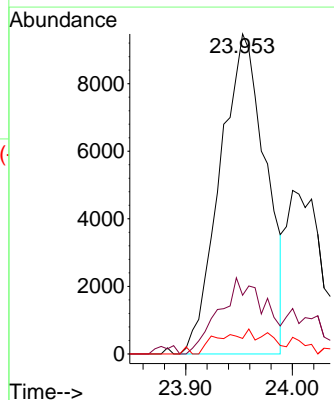
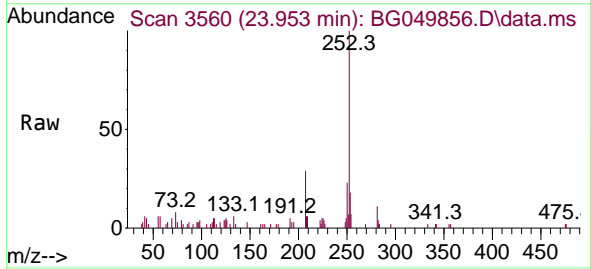


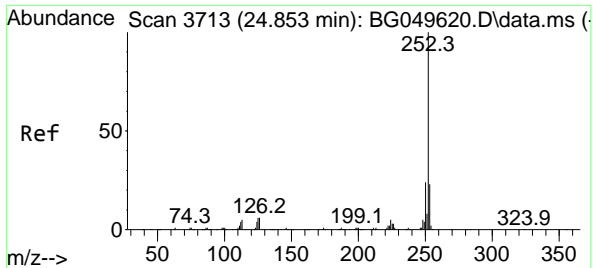
Tgt Ion:264 Resp: 168201
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.4 29.2
 265 22.1 16.9 25.3



#88
 Benzo(b)fluoranthene
 Concen: 2.555 ng
 RT: 23.953 min Scan# 3560
 Delta R.T. -0.000 min
 Lab File: BG049856.D
 Acq: 16 Aug 2021 19:06

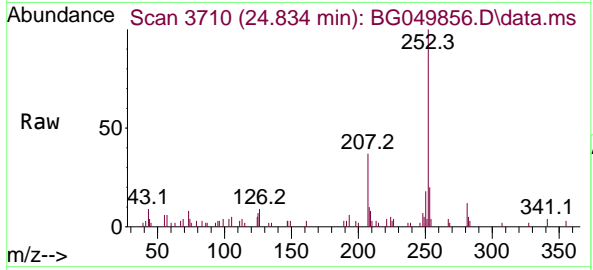
Tgt Ion:252 Resp: 28181
 Ion Ratio Lower Upper
 252 100
 253 18.3 16.2 24.4
 125 4.8 3.0 4.4#





#90
 Benzo(a)pyrene
 Concen: 2.291 ng
 RT: 24.834 min Scan# 3710
 Delta R.T. -0.006 min
 Lab File: BG049856.D
 Acq: 16 Aug 2021 19:06

Instrument :
 BNA_G
 ClientSampled :
 34S



Tgt Ion:252 Resp: 22870

Ion	Ratio	Lower	Upper
252	100		
253	19.9	16.6	25.0
125	7.1	3.5	5.3#

