

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081321\
 Data File : BG049830.D
 Acq On : 13 Aug 2021 11:20
 Operator : CG/JU
 Sample : PB138335BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB138335BL

Quant Time: Aug 13 12:23:48 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 03 15:15:33 2021
 Response via : Initial Calibration

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

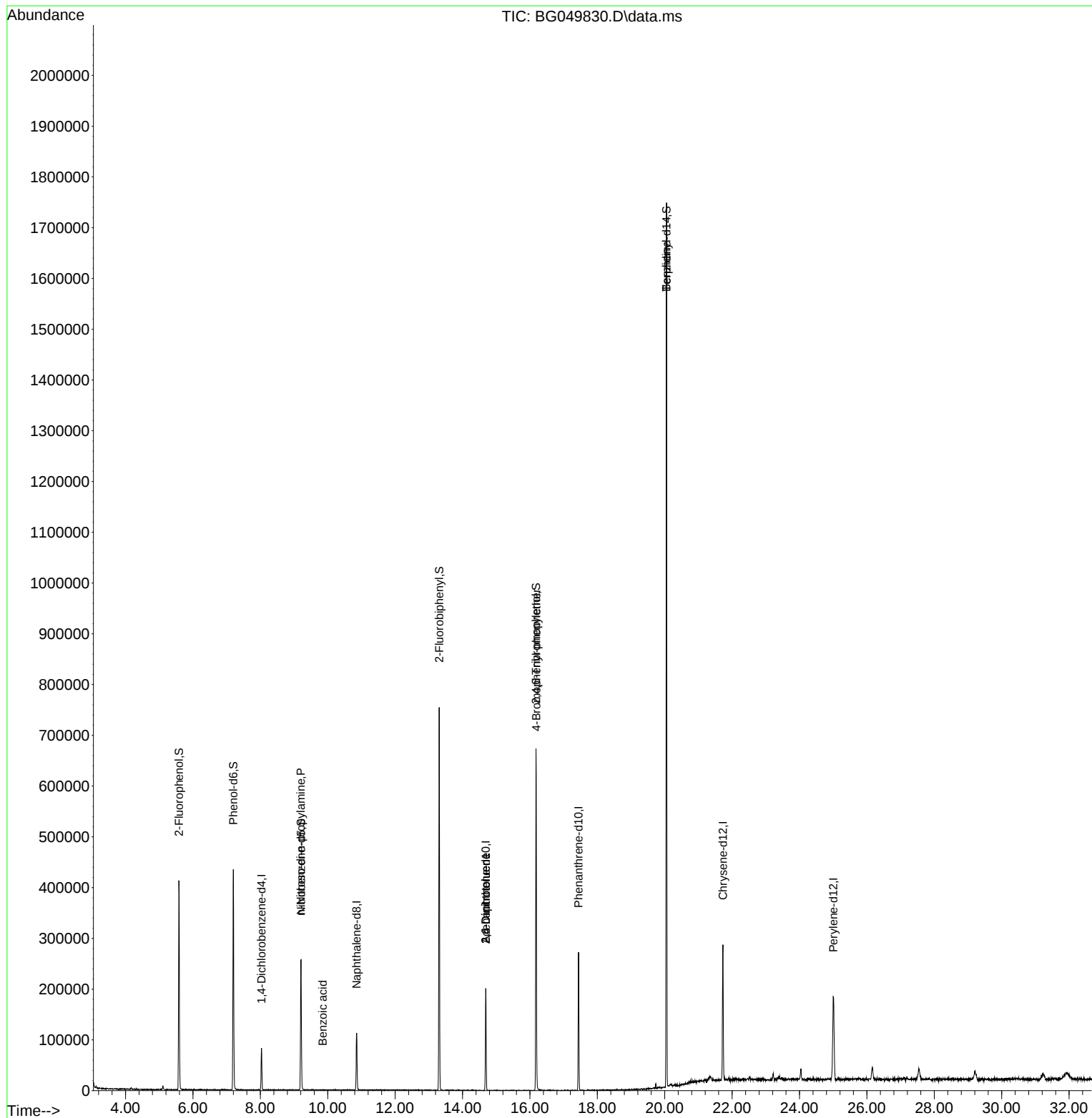
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.033	152	21272	20.000	ng	0.00
21) Naphthalene-d8	10.859	136	95382	20.000	ng	# 0.00
39) Acenaphthene-d10	14.689	164	72830	20.000	ng	0.00
64) Phenanthrene-d10	17.444	188	172936	20.000	ng	# 0.00
76) Chrysene-d12	21.726	240	166642	20.000	ng	0.00
86) Perylene-d12	25.004	264	163167	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.584	112	167979	141.557	ng	0.00
7) Phenol-d6	7.199	99	233840	130.180	ng	0.00
23) Nitrobenzene-d5	9.208	82	164487	76.311	ng	0.00
42) 2,4,6-Tribromophenol	16.181	330	135236	126.329	ng	0.00
45) 2-Fluorobiphenyl	13.308	172	380455	76.011	ng	0.00
79) Terphenyl-d14	20.052	244	796601	86.820	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.202	70	25486	21.202	ng	# 68
32) Benzoic acid	9.848	122	53	4.999	ng	# 1
51) 2,6-Dinitrotoluene	14.689	165	9268	7.661	ng	# 11
57) 2,4-Dinitrotoluene	14.689	165	9268	5.454	ng	# 17
67) 4-Bromophenyl-phenylether	16.187	248	7665	3.763	ng	# 1
77) Benzidine	20.052	184	15327	3.590	ng	# 94

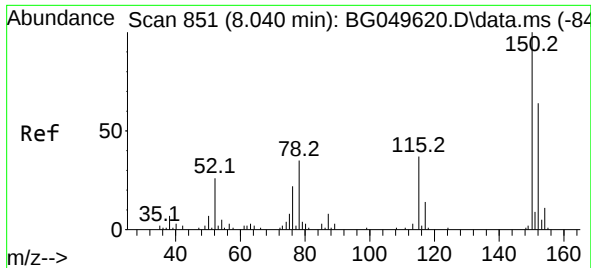
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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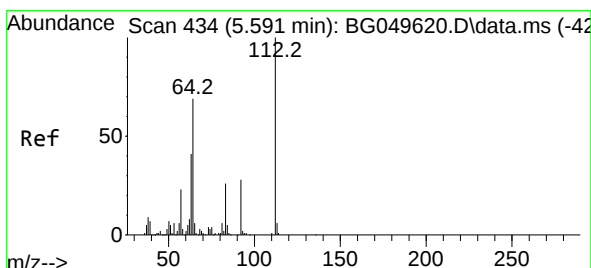
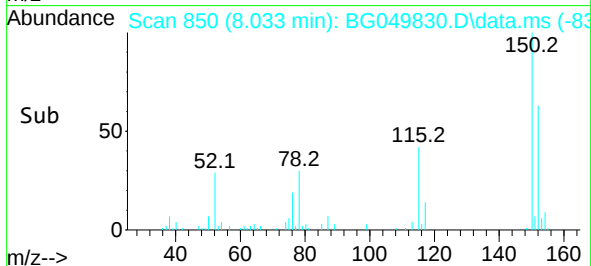
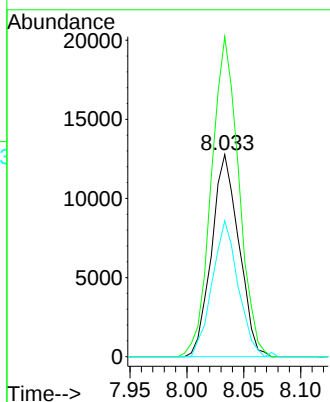
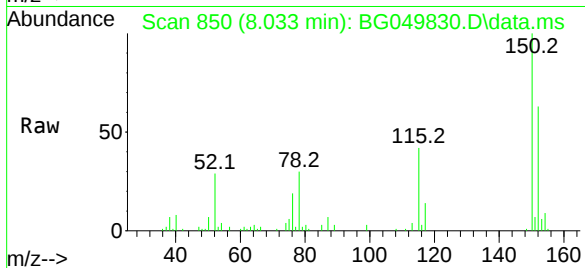




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.033 min Scan# 850
 Delta R.T. -0.007 min
 Lab File: BG049830.D
 Acq: 13 Aug 2021 11:20

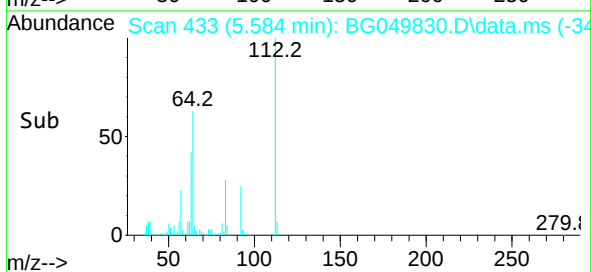
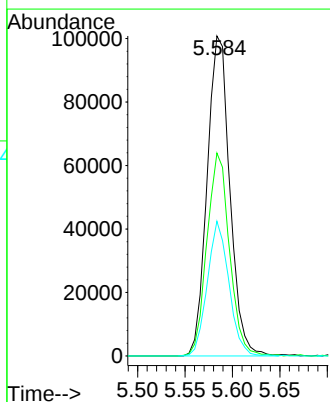
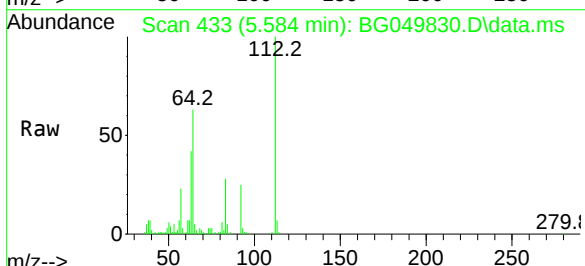
Instrument :
 BNA_G
 ClientSampleId :
 PB138335BL

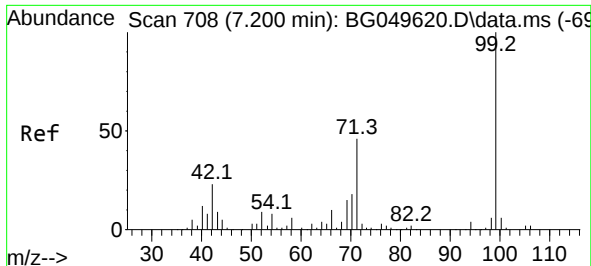
Tgt Ion:152 Resp: 21272
 Ion Ratio Lower Upper
 152 100
 150 158.4 119.4 179.0
 115 67.2 60.2 90.4



#5
 2-Fluorophenol
 Concen: 141.557 ng
 RT: 5.584 min Scan# 433
 Delta R.T. -0.007 min
 Lab File: BG049830.D
 Acq: 13 Aug 2021 11:20

Tgt Ion:112 Resp: 167979
 Ion Ratio Lower Upper
 112 100
 64 63.4 46.7 70.1
 63 42.1 35.3 52.9

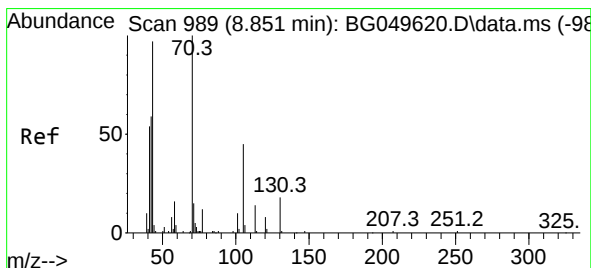
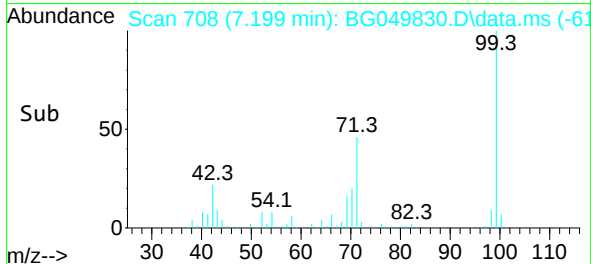
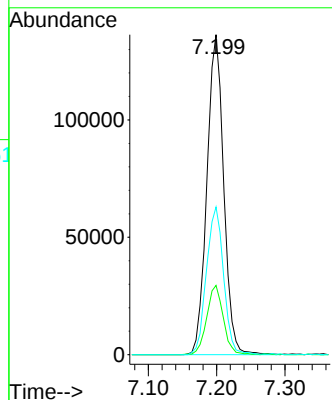
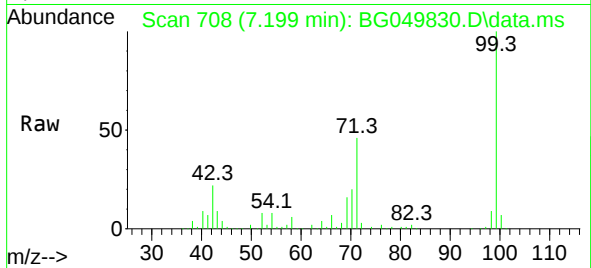




#7
Phenol-d6
Concen: 130.180 ng
RT: 7.199 min Scan# 708
Delta R.T. -0.001 min
Lab File: BG049830.D
Acq: 13 Aug 2021 11:20

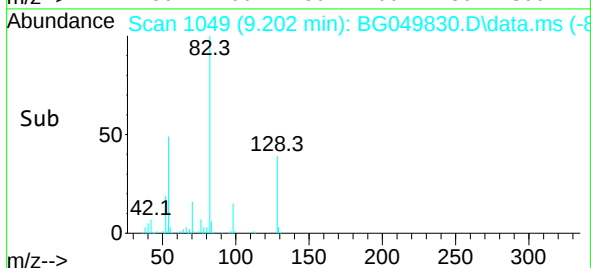
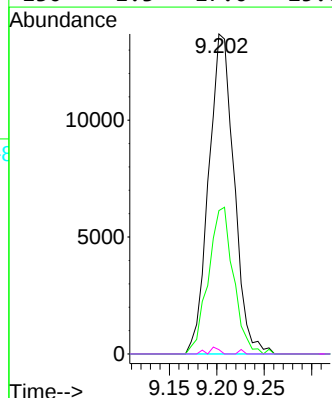
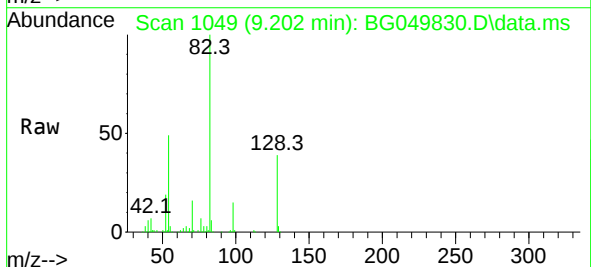
Instrument :
BNA_G
ClientSampleId :
PB138335BL

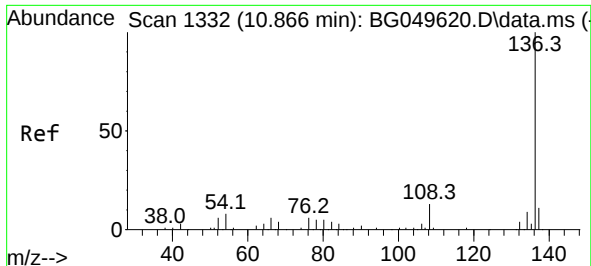
Tgt Ion: 99 Resp: 233840
Ion Ratio Lower Upper
99 100
42 21.7 20.5 30.7
71 46.1 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 21.202 ng
RT: 9.202 min Scan# 1049
Delta R.T. 0.351 min
Lab File: BG049830.D
Acq: 13 Aug 2021 11:20

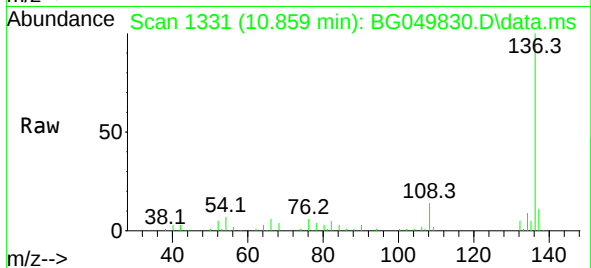
Tgt Ion: 70 Resp: 25486
Ion Ratio Lower Upper
70 100
42 44.8 54.5 81.7#
101 0.0 9.0 13.6#
130 1.3 17.0 25.6#



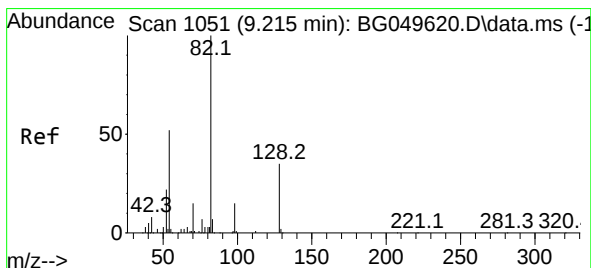
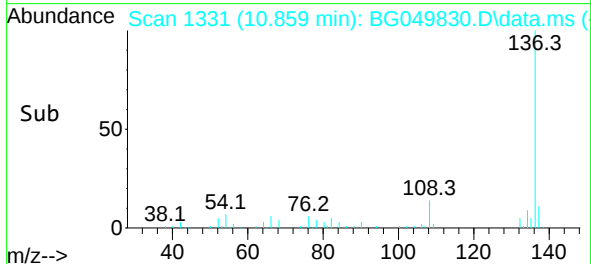
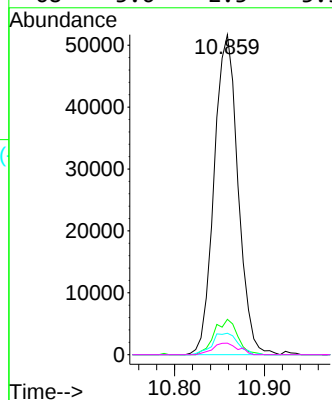


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.859 min Scan# 1331
Delta R.T. -0.007 min
Lab File: BG049830.D
Acq: 13 Aug 2021 11:20

Instrument :
BNA_G
ClientSampleId :
PB138335BL

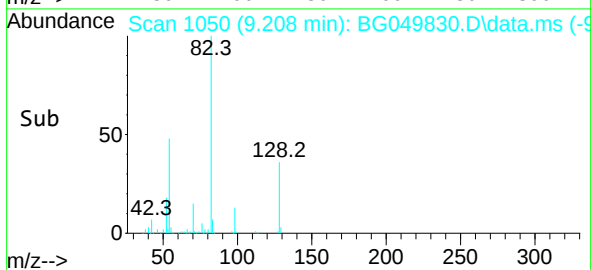
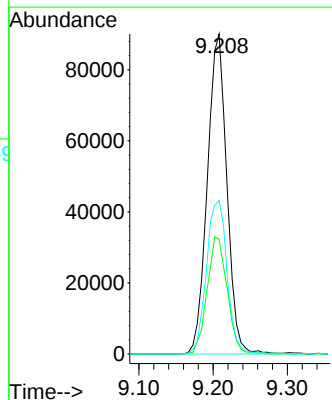
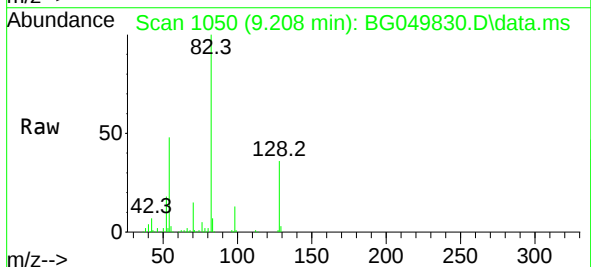


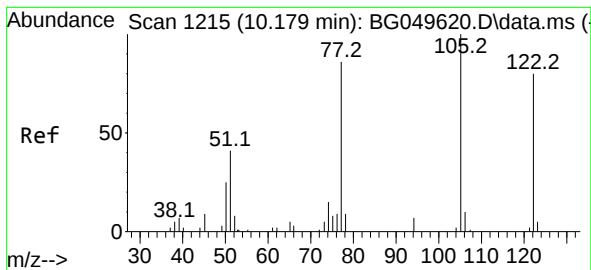
Tgt Ion:	136	Resp:	95382
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.2	12.2
54	6.7	5.5	8.3
68	3.6	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 76.311 ng
RT: 9.208 min Scan# 1050
Delta R.T. -0.007 min
Lab File: BG049830.D
Acq: 13 Aug 2021 11:20

Tgt Ion:	82	Resp:	164487
Ion Ratio	Lower	Upper	
82	100		
128	35.9	29.8	44.6
54	47.9	45.8	68.8

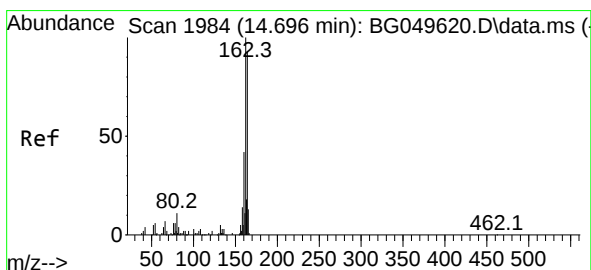
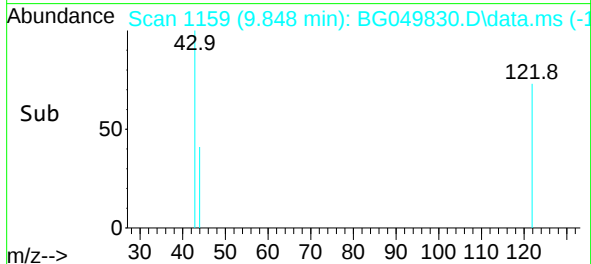
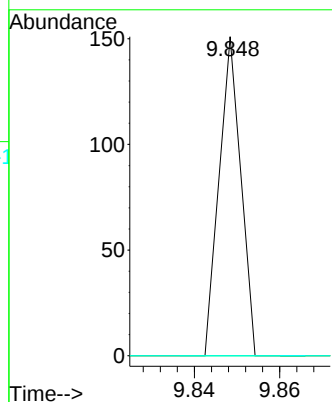
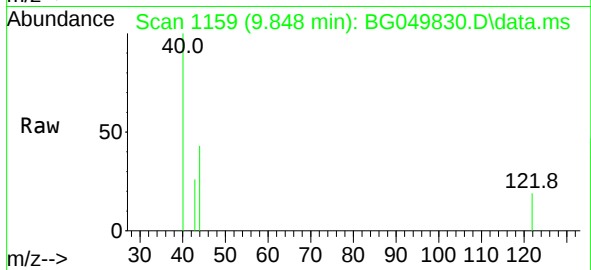




#32
Benzoic acid
Concen: 4.999 ng
RT: 9.848 min Scan# 1159
Delta R.T. -0.331 min
Lab File: BG049830.D
Acq: 13 Aug 2021 11:20

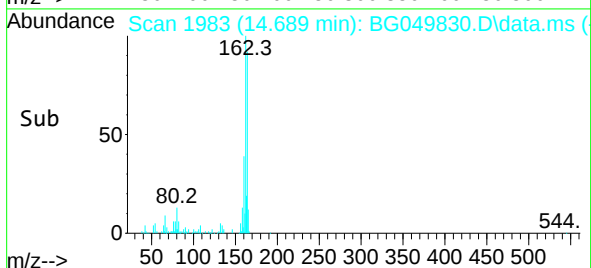
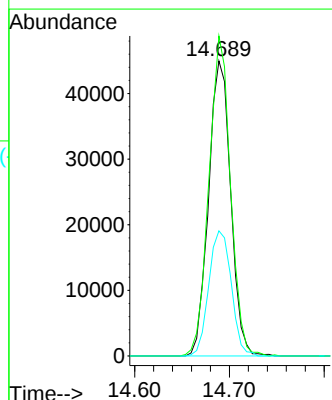
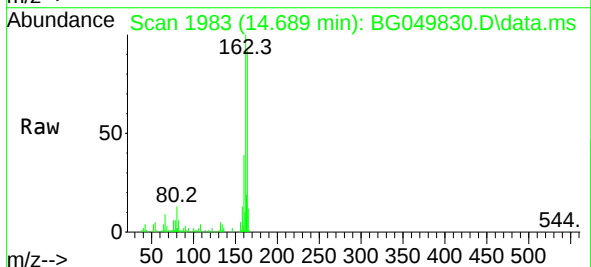
Instrument :
BNA_G
ClientSampleId :
PB138335BL

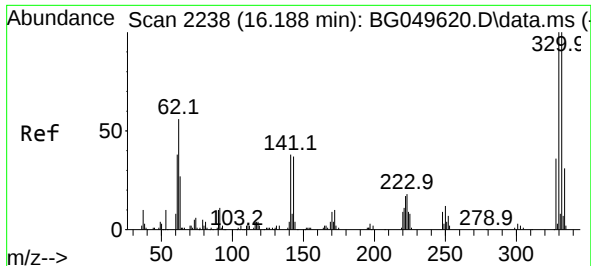
Tgt Ion:122 Resp: 53
Ion Ratio Lower Upper
122 100
105 0.0 92.3 132.3#
77 0.0 66.5 106.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.689 min Scan# 1983
Delta R.T. -0.007 min
Lab File: BG049830.D
Acq: 13 Aug 2021 11:20

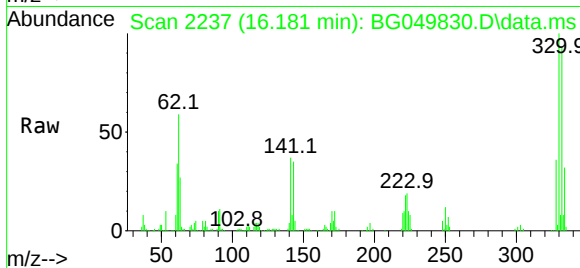
Tgt Ion:164 Resp: 72830
Ion Ratio Lower Upper
164 100
162 108.4 81.4 122.0
160 42.4 34.9 52.3



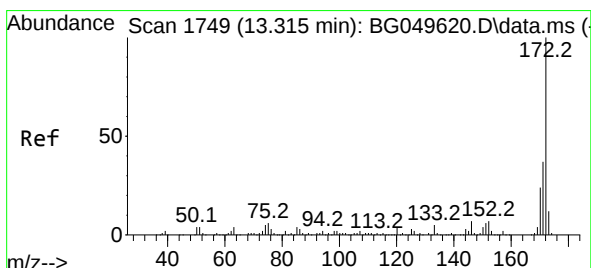
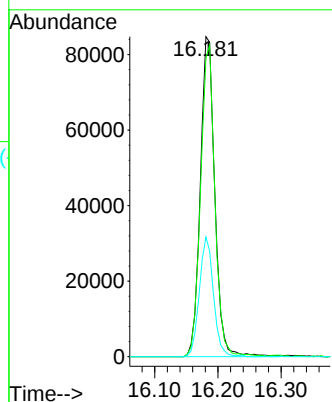
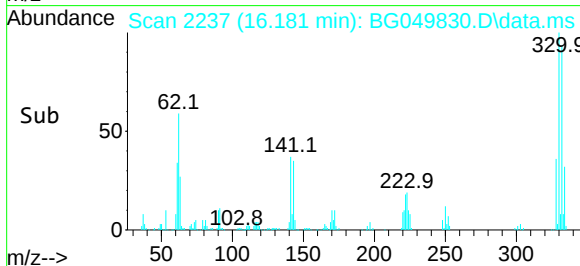


#42
2,4,6-Tribromophenol
Concen: 126.329 ng
RT: 16.181 min Scan# 2237
Delta R.T. -0.007 min
Lab File: BG049830.D
Acq: 13 Aug 2021 11:20

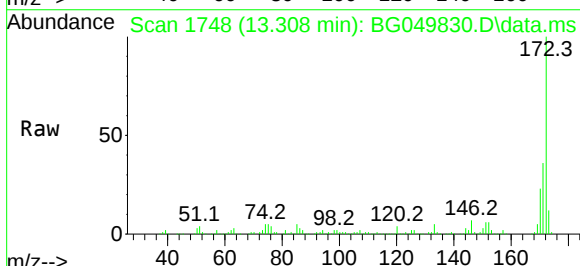
Instrument :
BNA_G
ClientSampleId :
PB138335BL



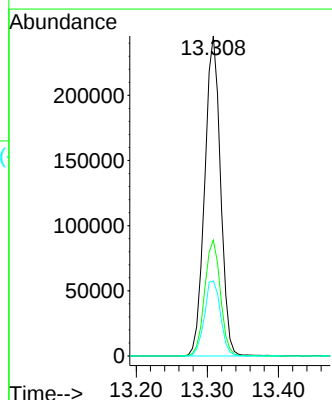
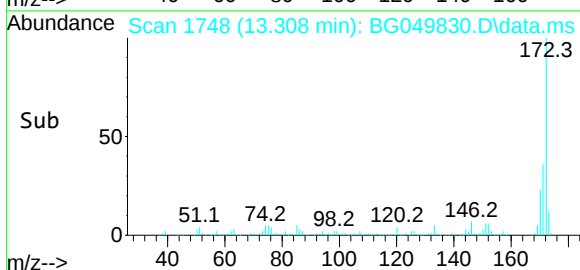
Tgt Ion:330 Resp: 135236
Ion Ratio Lower Upper
330 100
332 95.9 77.3 115.9
141 36.4 35.6 53.4

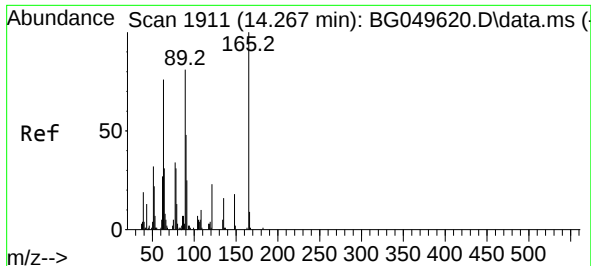


#45
2-Fluorobiphenyl
Concen: 76.011 ng
RT: 13.308 min Scan# 1748
Delta R.T. -0.007 min
Lab File: BG049830.D
Acq: 13 Aug 2021 11:20



Tgt Ion:172 Resp: 380455
Ion Ratio Lower Upper
172 100
171 36.2 28.6 43.0
170 23.5 18.6 27.8

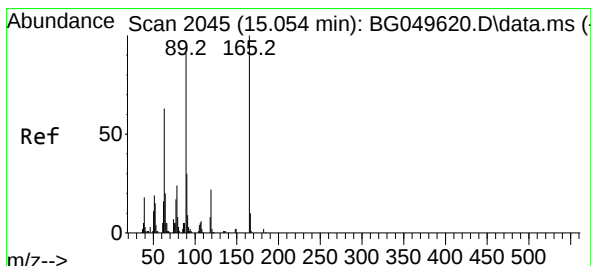
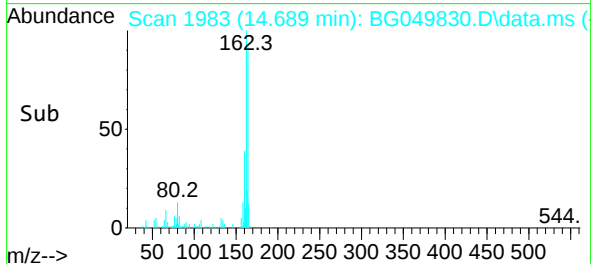
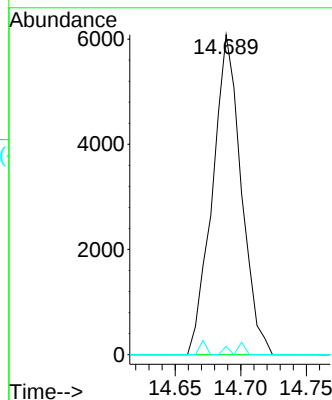
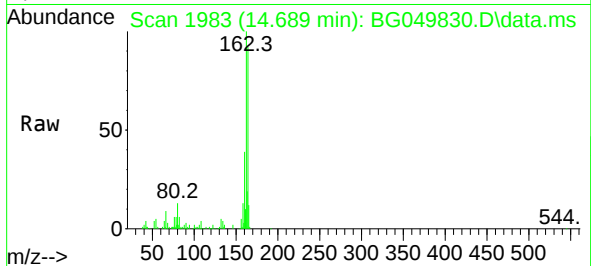




#51
2,6-Dinitrotoluene
Concen: 7.661 ng
RT: 14.689 min Scan# 1983
Delta R.T. 0.422 min
Lab File: BG049830.D
Acq: 13 Aug 2021 11:20

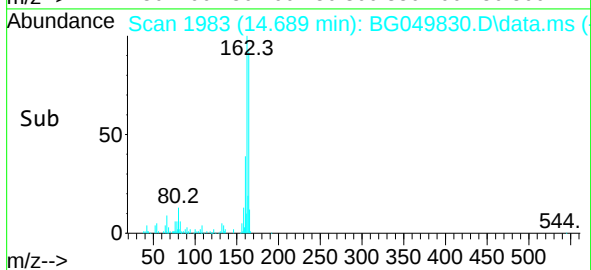
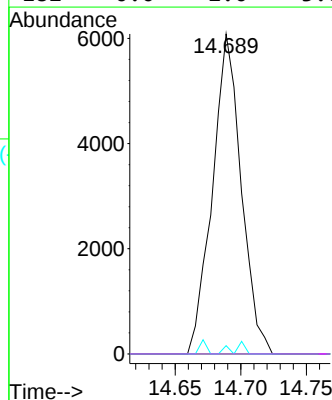
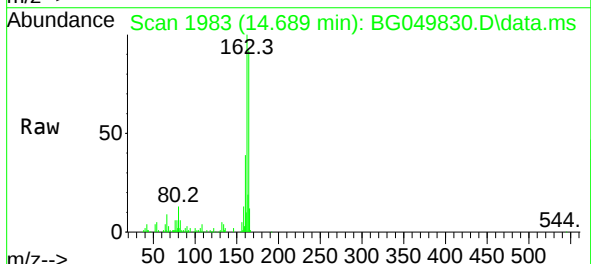
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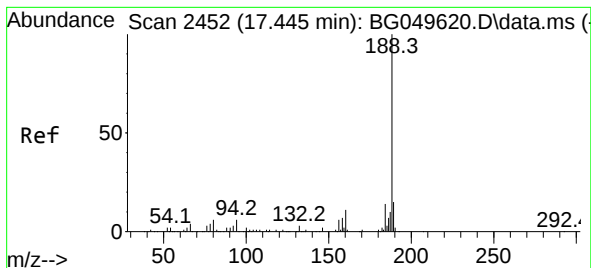
Tgt Ion:165 Resp: 9268
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 2.6 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 5.454 ng
RT: 14.689 min Scan# 1983
Delta R.T. -0.365 min
Lab File: BG049830.D
Acq: 13 Aug 2021 11:20

Tgt Ion:165 Resp: 9268
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 2.6 65.4 98.0#
182 0.0 2.0 3.0#

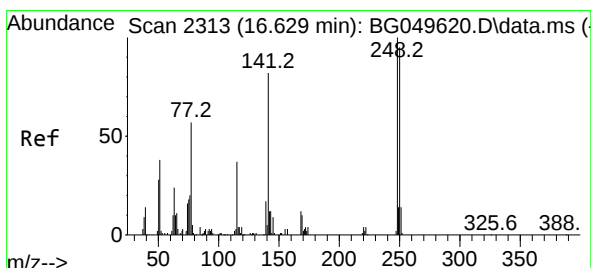
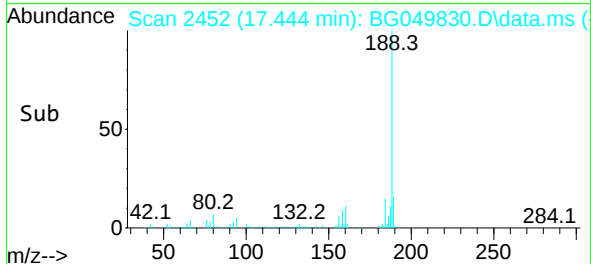
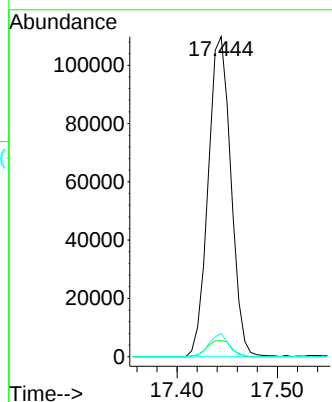
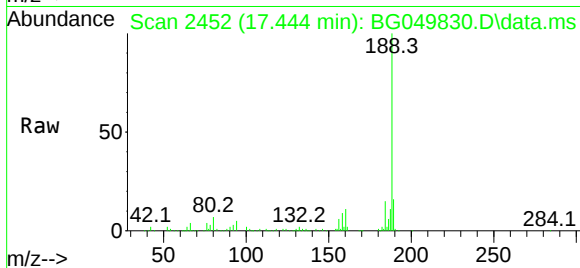




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.444 min Scan# 2452
Delta R.T. -0.001 min
Lab File: BG049830.D
Acq: 13 Aug 2021 11:20

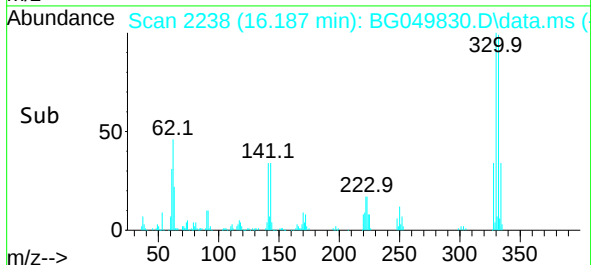
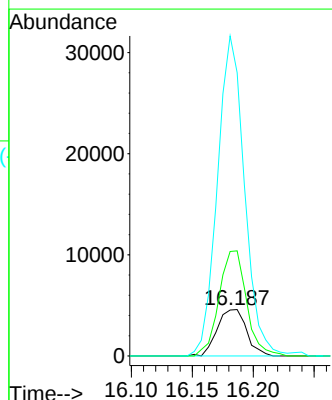
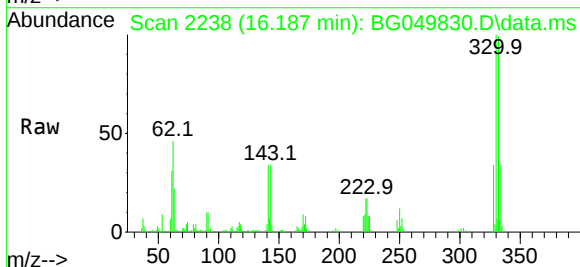
Instrument :
BNA_G
ClientSampleId :
PB138335BL

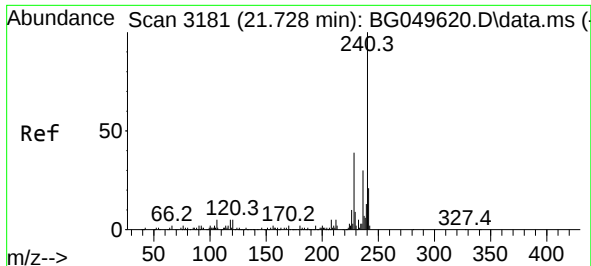
Tgt Ion:188 Resp: 172936
Ion Ratio Lower Upper
188 100
94 5.0 5.4 8.0#
80 7.3 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 3.763 ng
RT: 16.187 min Scan# 2238
Delta R.T. -0.442 min
Lab File: BG049830.D
Acq: 13 Aug 2021 11:20

Tgt Ion:248 Resp: 7665
Ion Ratio Lower Upper
248 100
250 226.6 76.1 114.1#
141 610.4 65.4 98.2#

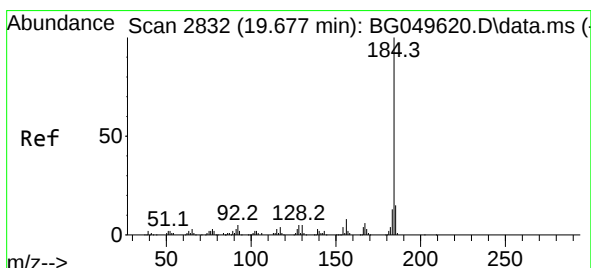
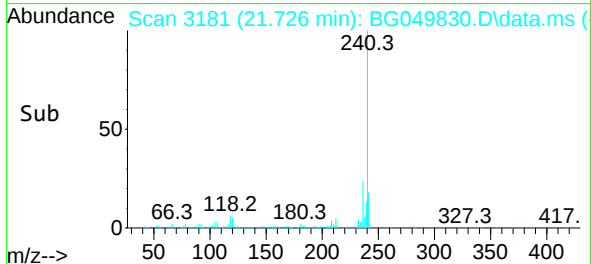
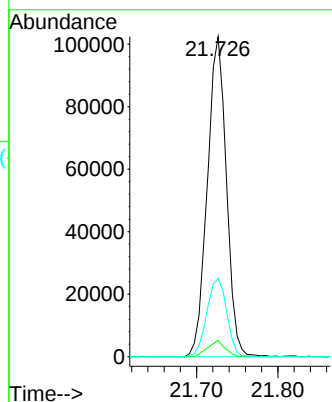
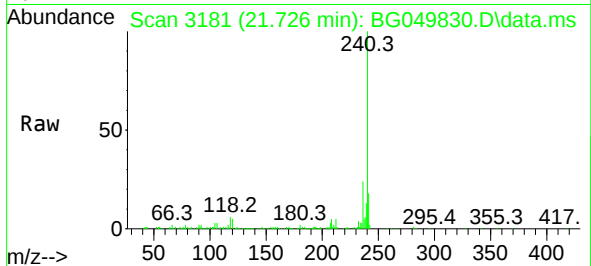




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.726 min Scan# 3181
Delta R.T. -0.001 min
Lab File: BG049830.D
Acq: 13 Aug 2021 11:20

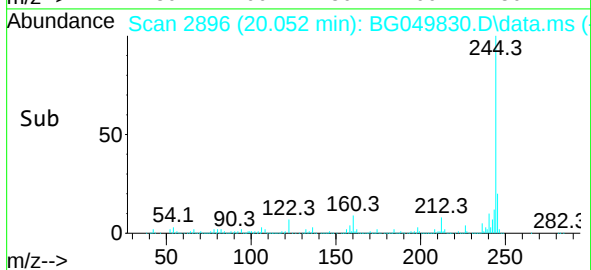
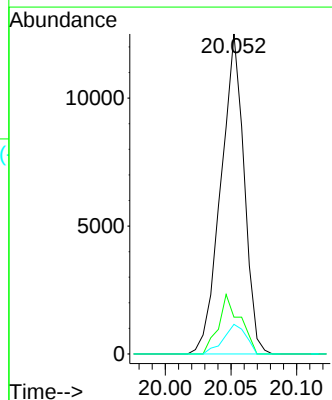
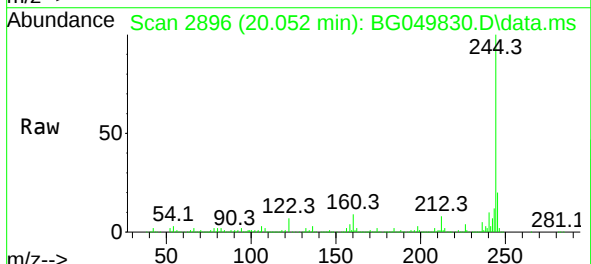
Instrument :
BNA_G
ClientSampleId :
PB138335BL

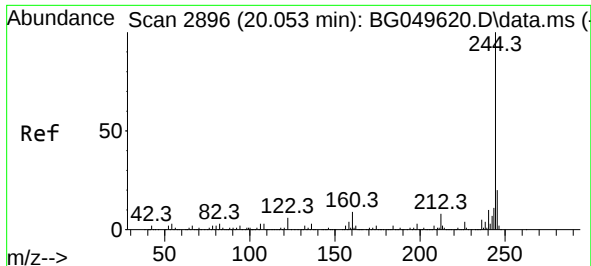
Tgt Ion:240 Resp: 166642
Ion Ratio Lower Upper
240 100
120 5.0 4.2 6.2
236 24.5 21.8 32.6



#77
Benzidine
Concen: 3.590 ng
RT: 20.052 min Scan# 2896
Delta R.T. 0.375 min
Lab File: BG049830.D
Acq: 13 Aug 2021 11:20

Tgt Ion:184 Resp: 15327
Ion Ratio Lower Upper
184 100
185 11.5 10.7 16.1
183 9.2 9.4 14.0#

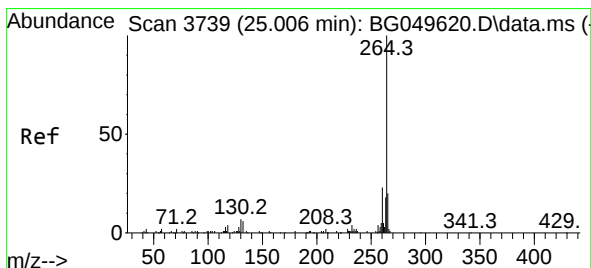
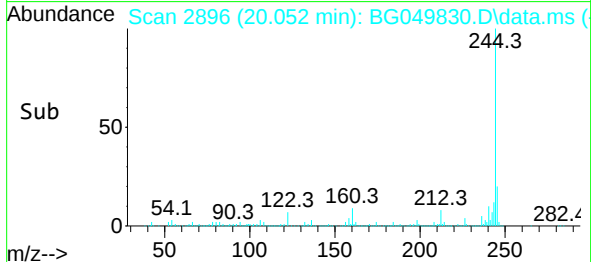
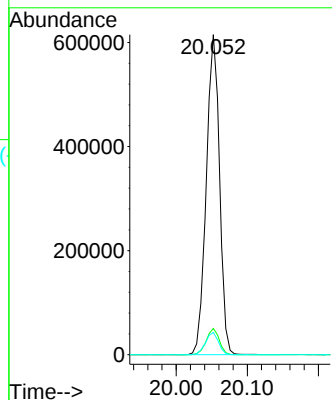
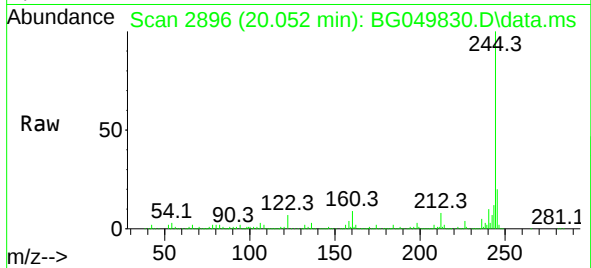




#79
 Terphenyl-d14
 Concen: 86.820 ng
 RT: 20.052 min Scan# 2896
 Delta R.T. -0.001 min
 Lab File: BG049830.D
 Acq: 13 Aug 2021 11:20

Instrument :
 BNA_G
 ClientSampleId :
 PB138335BL

Tgt Ion:244	Resp:	796601
Ion Ratio	Lower	Upper
244	100	
212	8.2	6.9 10.3
122	6.9	5.0 7.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.004 min Scan# 3739
 Delta R.T. -0.001 min
 Lab File: BG049830.D
 Acq: 13 Aug 2021 11:20

Tgt Ion:264	Resp:	163167
Ion Ratio	Lower	Upper
264	100	
260	22.8	19.4 29.2
265	21.1	16.9 25.3

