

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081321\
 Data File : BG049843.D
 Acq On : 13 Aug 2021 20:47
 Operator : CG/JU
 Sample : M3343-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20210591-AMENDED-COM-5

Quant Time: Aug 14 02:31:35 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)

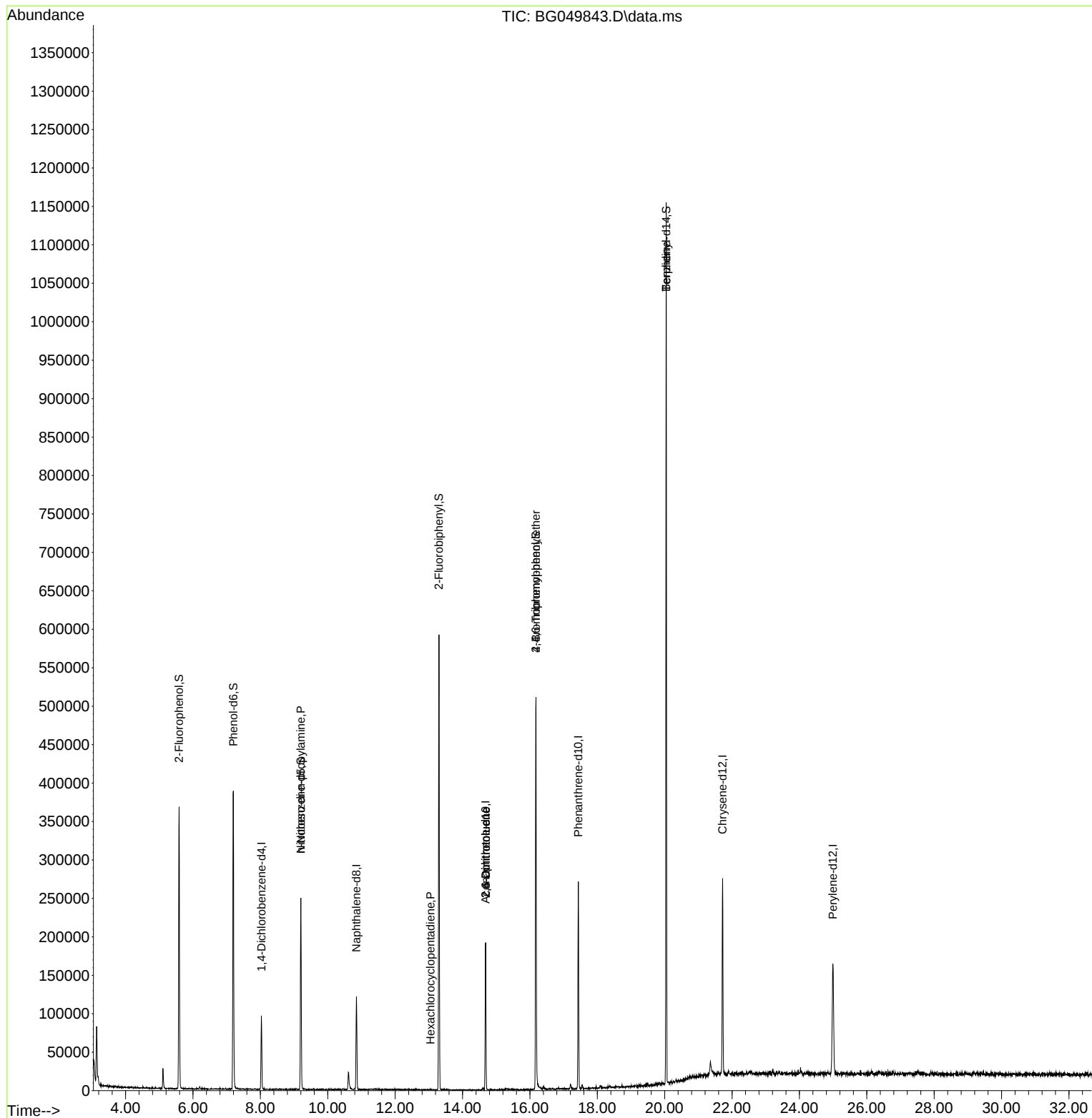
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.032	152	26165	20.00	ng	0.00
21) Naphthalene-d8	10.851	136	101580	20.00	ng	#-0.01
39) Acenaphthene-d10	14.681	164	70393	20.00	ng	-0.01
64) Phenanthrene-d10	17.436	188	166362	20.00	ng	# 0.00
76) Chrysene-d12	21.719	240	154480	20.00	ng	0.00
86) Perylene-d12	24.991	264	156729	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.588	112	152105	104.21	ng	0.00
7) Phenol-d6	7.197	99	214076	96.89	ng	0.00
23) Nitrobenzene-d5	9.201	82	149913	65.31	ng	-0.01
42) 2,4,6-Tribromophenol	16.179	330	107121	103.53	ng	0.00
45) 2-Fluorobiphenyl	13.301	172	302257	62.48	ng	-0.01
79) Terphenyl-d14	20.045	244	533143	62.68	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.201	70	23191	15.69	ng	# 73
41) Hexachlorocyclopentadiene	13.048	237	66	3.60	ng	# 31
51) 2,6-Dinitrotoluene	14.687	165	9784	8.37	ng	# 10
57) 2,4-Dinitrotoluene	14.687	165	9784	5.96	ng	# 15
67) 4-Bromophenyl-phenylether	16.179	248	6603	3.37	ng	# 1
77) Benzidine	20.045	184	10089	2.55	ng	# 92

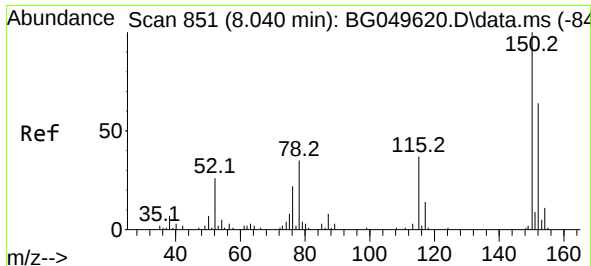
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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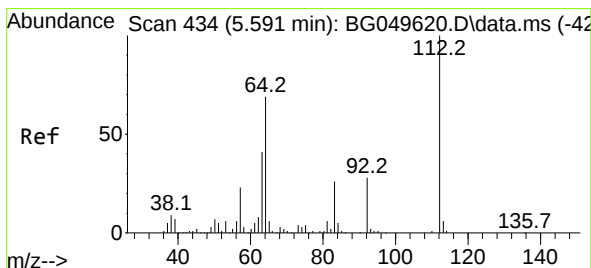
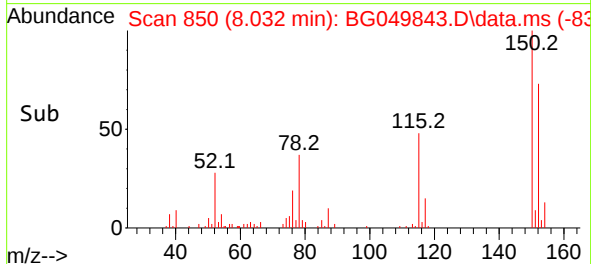
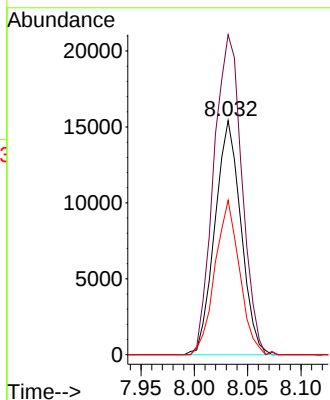
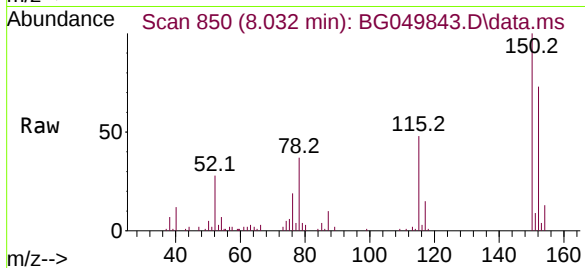




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.032 min Scan# 850
 Delta R.T. -0.008 min
 Lab File: BG049843.D
 Acq: 13 Aug 2021 20:47

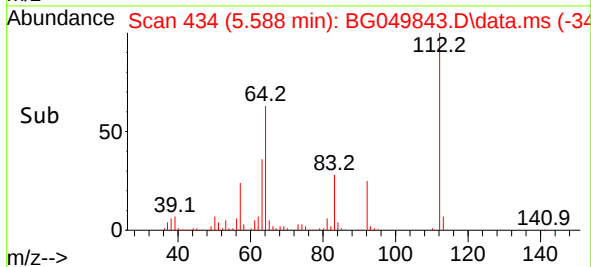
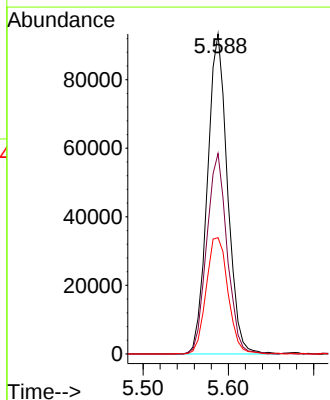
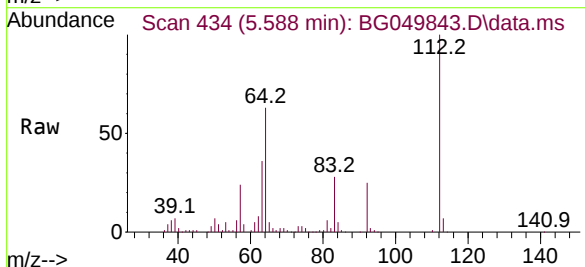
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 20210591-AMENDED-COM-5

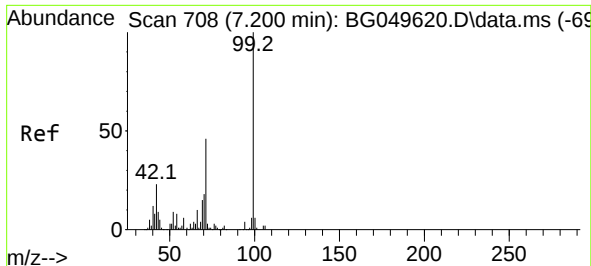
Tgt Ion:152 Resp: 26165
 Ion Ratio Lower Upper
 152 100
 150 136.7 119.4 179.0
 115 66.0 60.2 90.4



#5
 2-Fluorophenol
 Concen: 104.21 ng
 RT: 5.588 min Scan# 434
 Delta R.T. -0.003 min
 Lab File: BG049843.D
 Acq: 13 Aug 2021 20:47

Tgt Ion:112 Resp: 152105
 Ion Ratio Lower Upper
 112 100
 64 62.7 46.7 70.1
 63 36.3 35.3 52.9

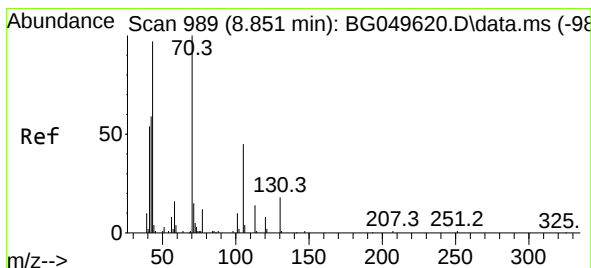
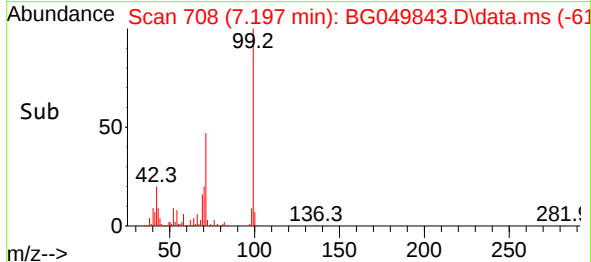
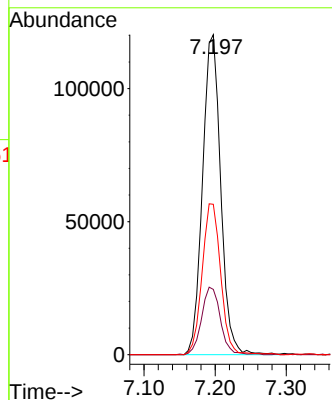
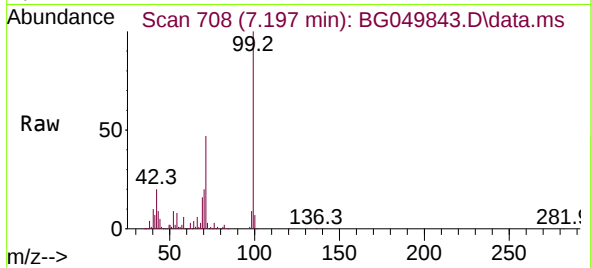




#7
Phenol-d6
Concen: 96.89 ng
RT: 7.197 min Scan# 708
Delta R.T. -0.003 min
Lab File: BG049843.D
Acq: 13 Aug 2021 20:47

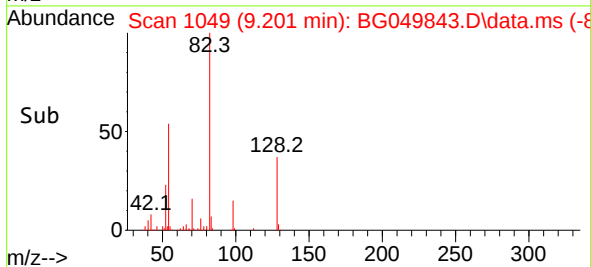
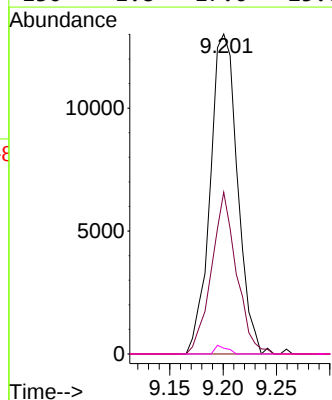
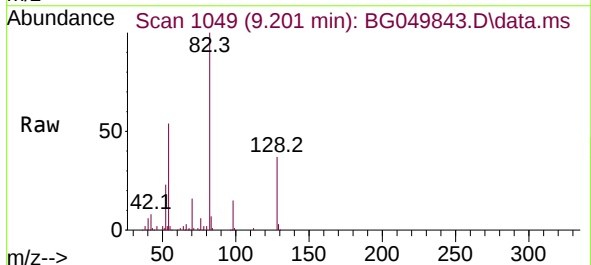
Instrument :
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ClientSampleId :
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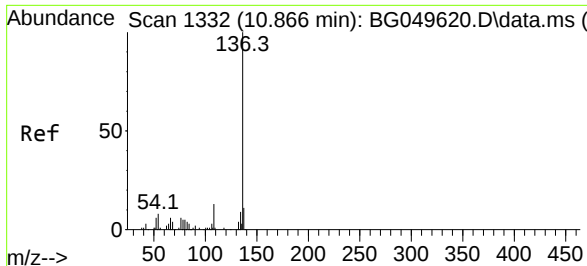
Tgt Ion: 99 Resp: 214076
Ion Ratio Lower Upper
99 100
42 20.4 20.5 30.7#
71 47.0 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.69 ng
RT: 9.201 min Scan# 1049
Delta R.T. 0.350 min
Lab File: BG049843.D
Acq: 13 Aug 2021 20:47

Tgt Ion: 70 Resp: 23191
Ion Ratio Lower Upper
70 100
42 50.5 54.5 81.7#
101 0.0 9.0 13.6#
130 1.8 17.0 25.6#

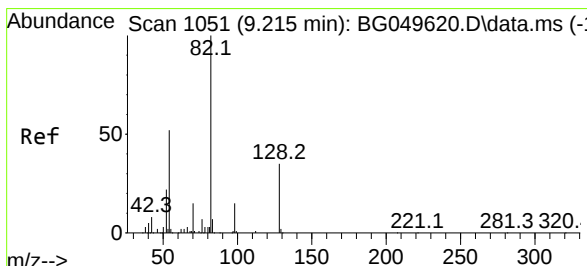
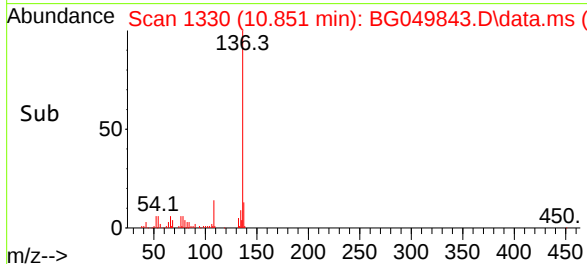
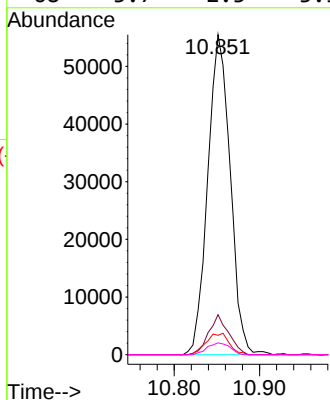
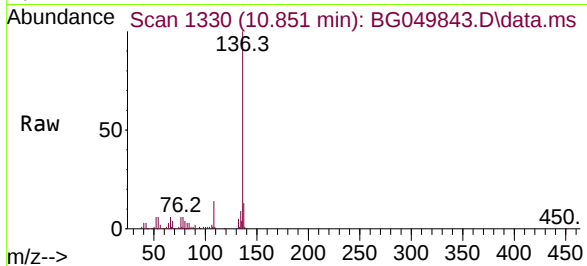




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.851 min Scan# 1330
Delta R.T. -0.015 min
Lab File: BG049843.D
Acq: 13 Aug 2021 20:47

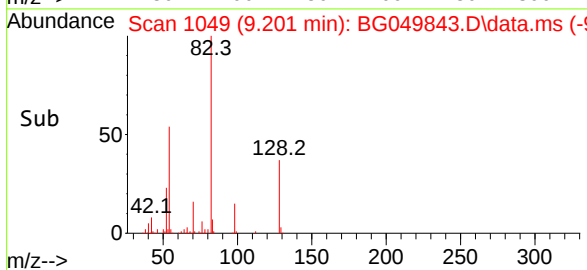
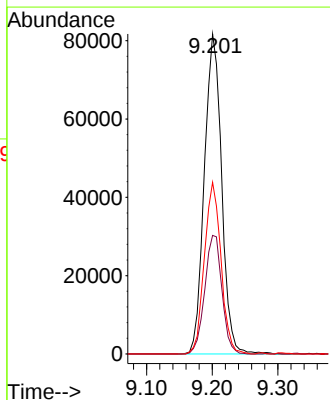
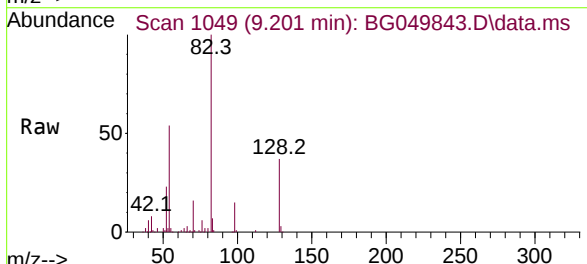
Instrument :
BNA_G
ClientSampleId :
20210591-AMENDED-COM-5

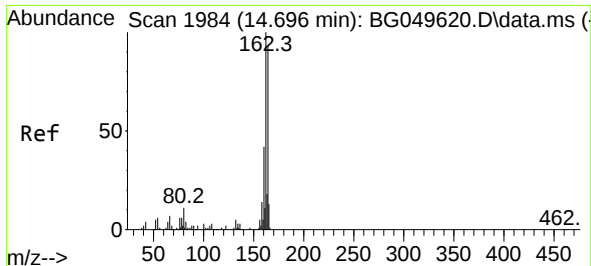
Tgt Ion:	136	Resp:	101580
Ion Ratio	Lower	Upper	
136	100		
137	12.5	8.2	12.2#
54	6.1	5.5	8.3
68	3.7	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 65.31 ng
RT: 9.201 min Scan# 1049
Delta R.T. -0.015 min
Lab File: BG049843.D
Acq: 13 Aug 2021 20:47

Tgt Ion:	82	Resp:	149913
Ion Ratio	Lower	Upper	
82	100		
128	37.1	29.8	44.6
54	53.6	45.8	68.8

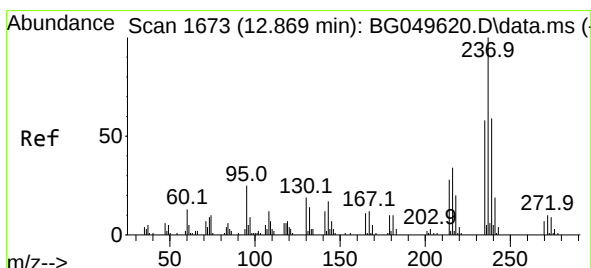
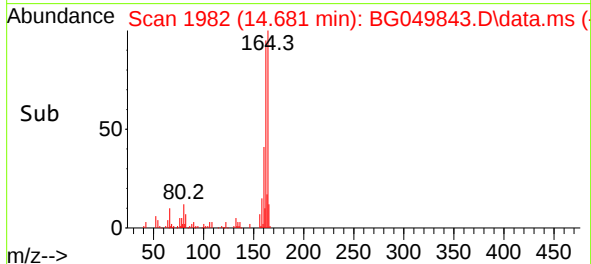
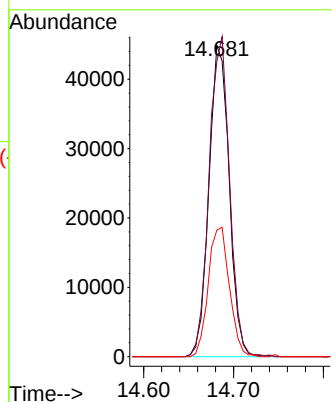
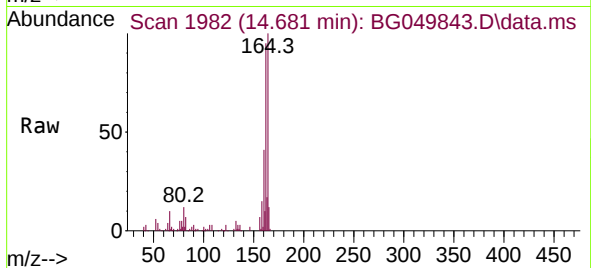




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.681 min Scan# 1982
Delta R.T. -0.015 min
Lab File: BG049843.D
Acq: 13 Aug 2021 20:47

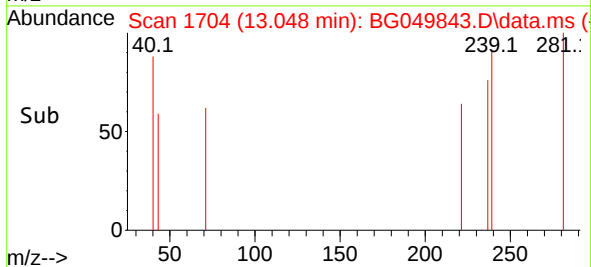
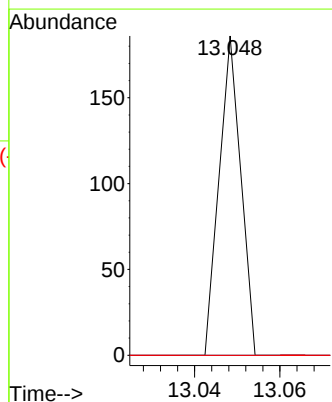
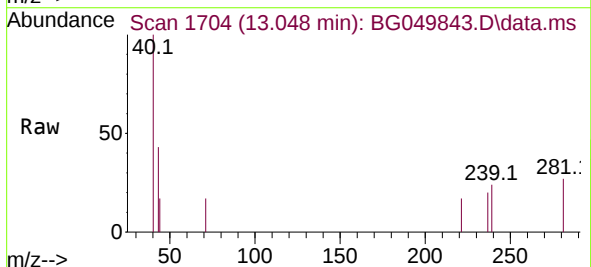
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ClientSampleId :
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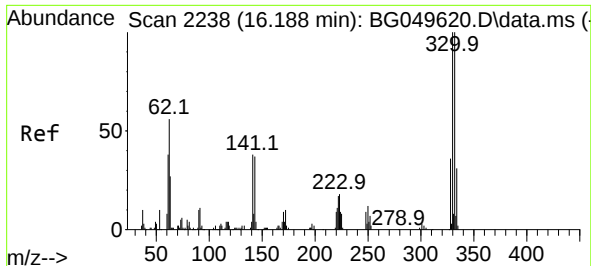
Tgt Ion:164 Resp: 70393
Ion Ratio Lower Upper
164 100
162 94.9 81.4 122.0
160 40.7 34.9 52.3



#41
Hexachlorocyclopentadiene
Concen: 3.60 ng
RT: 13.048 min Scan# 1704
Delta R.T. 0.179 min
Lab File: BG049843.D
Acq: 13 Aug 2021 20:47

Tgt Ion:237 Resp: 66
Ion Ratio Lower Upper
237 100
235 0.0 36.6 76.6#
272 0.0 0.0 32.5

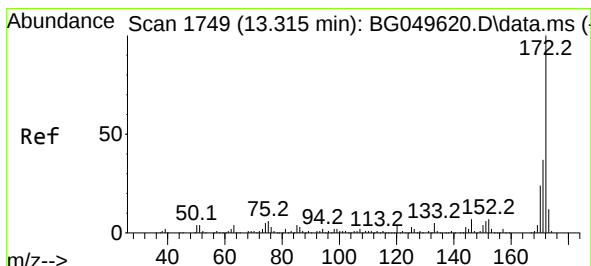
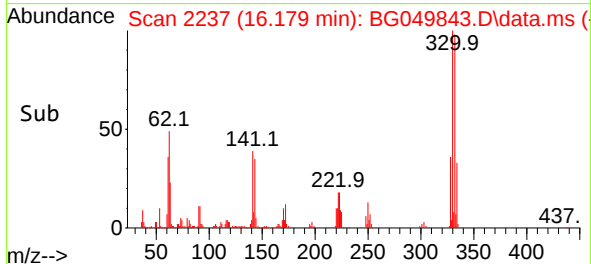
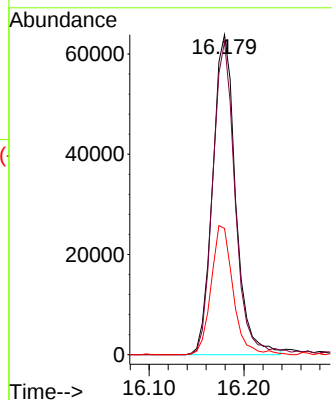
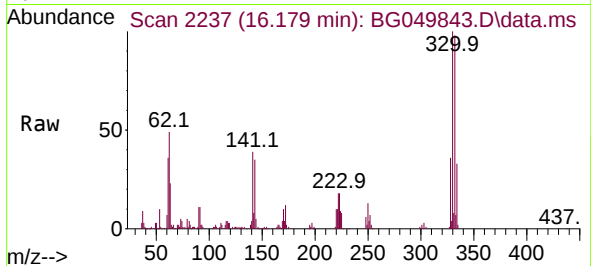




#42
2,4,6-Tribromophenol
Concen: 103.53 ng
RT: 16.179 min Scan# 2237
Delta R.T. -0.009 min
Lab File: BG049843.D
Acq: 13 Aug 2021 20:47

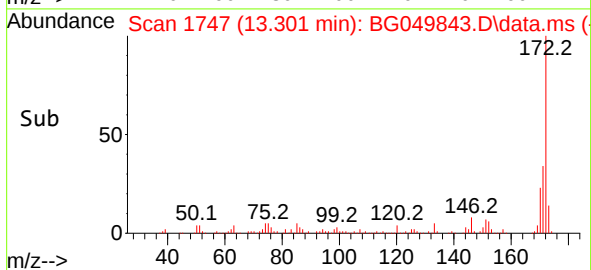
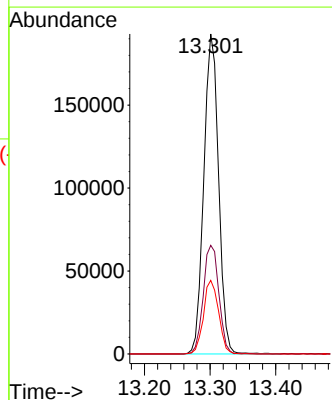
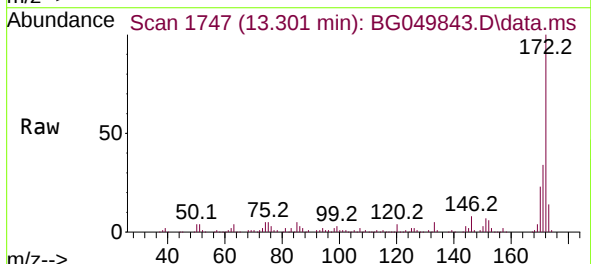
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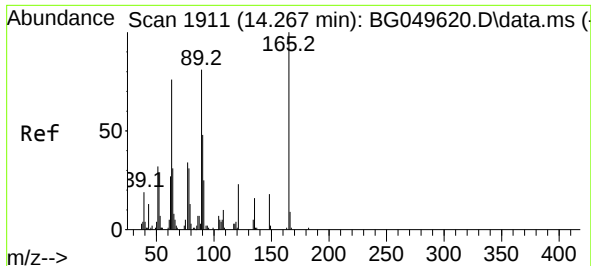
Tgt Ion:330 Resp: 107121
Ion Ratio Lower Upper
330 100
332 96.3 77.3 115.9
141 38.7 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 62.48 ng
RT: 13.301 min Scan# 1747
Delta R.T. -0.015 min
Lab File: BG049843.D
Acq: 13 Aug 2021 20:47

Tgt Ion:172 Resp: 302257
Ion Ratio Lower Upper
172 100
171 33.9 28.6 43.0
170 23.0 18.6 27.8

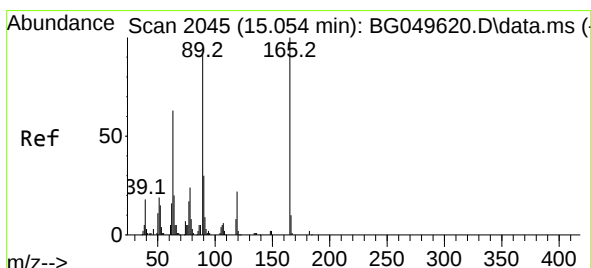
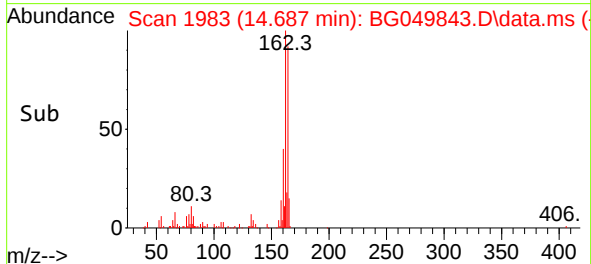
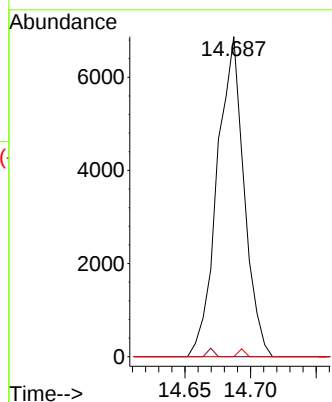
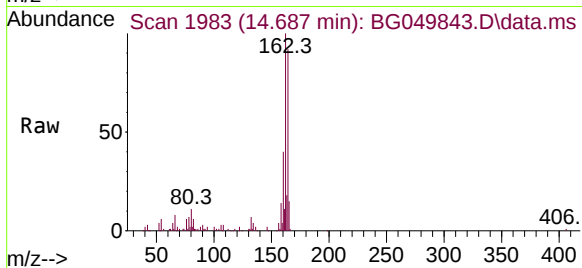




#51
2,6-Dinitrotoluene
Concen: 8.37 ng
RT: 14.687 min Scan# 1983
Delta R.T. 0.420 min
Lab File: BG049843.D
Acq: 13 Aug 2021 20:47

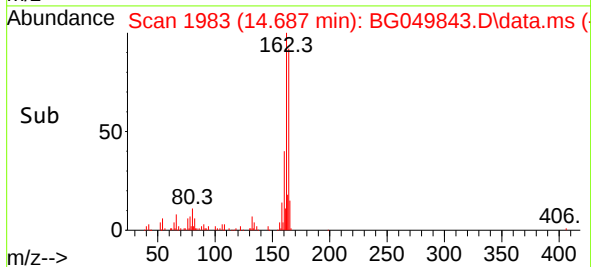
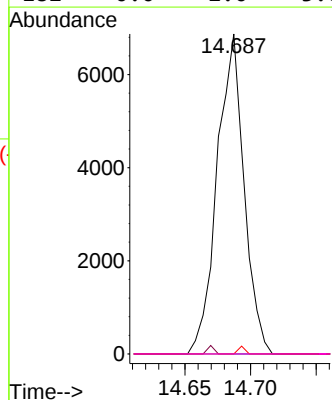
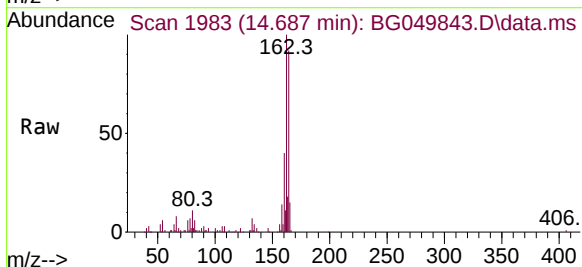
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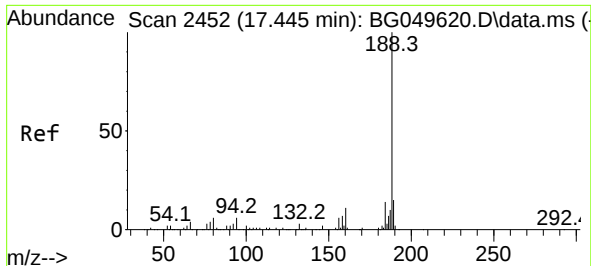
Tgt Ion:165 Resp: 9784
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 5.96 ng
RT: 14.687 min Scan# 1983
Delta R.T. -0.367 min
Lab File: BG049843.D
Acq: 13 Aug 2021 20:47

Tgt Ion:165 Resp: 9784
Ion Ratio 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#

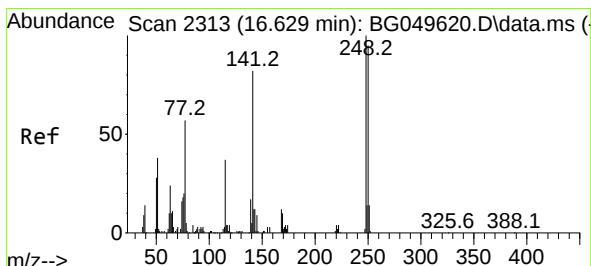
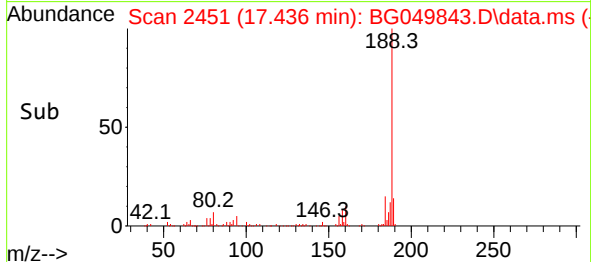
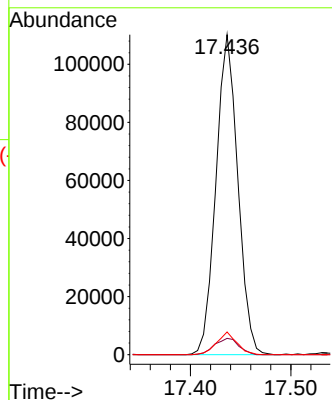
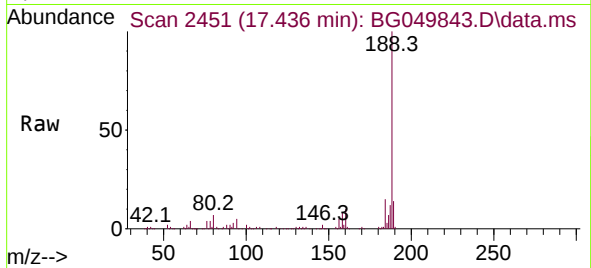




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.436 min Scan# 2451
Delta R.T. -0.009 min
Lab File: BG049843.D
Acq: 13 Aug 2021 20:47

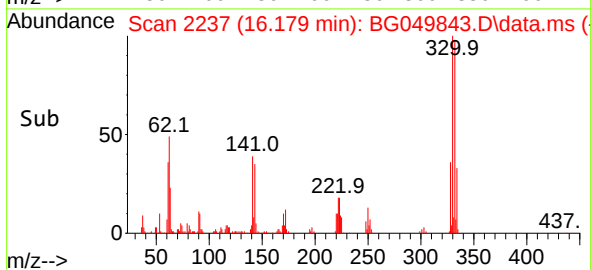
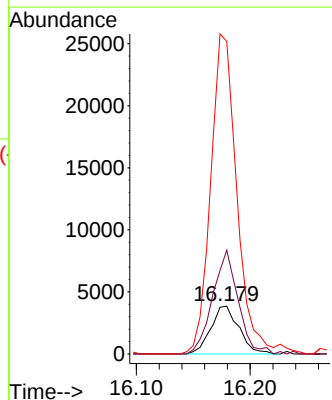
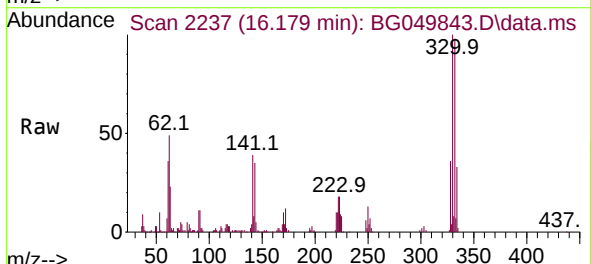
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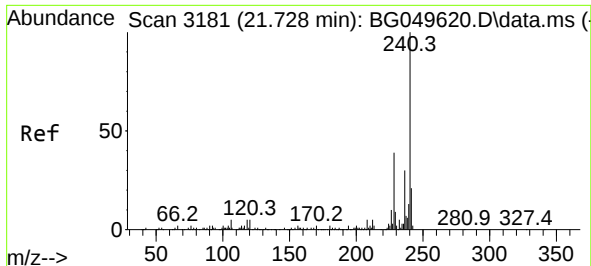
Tgt Ion:188 Resp: 166362
Ion Ratio Lower Upper
188 100
94 5.1 5.4 8.0#
80 7.1 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 3.37 ng
RT: 16.179 min Scan# 2237
Delta R.T. -0.449 min
Lab File: BG049843.D
Acq: 13 Aug 2021 20:47

Tgt Ion:248 Resp: 6603
Ion Ratio Lower Upper
248 100
250 216.8 76.1 114.1#
141 652.4 65.4 98.2#

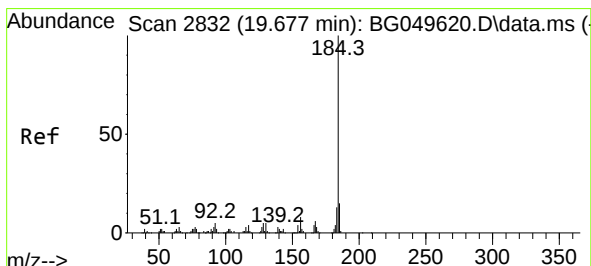
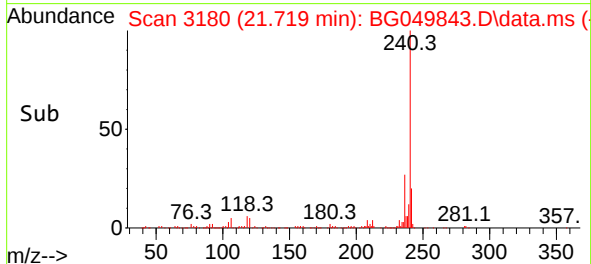
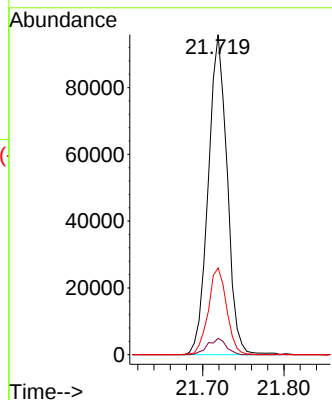
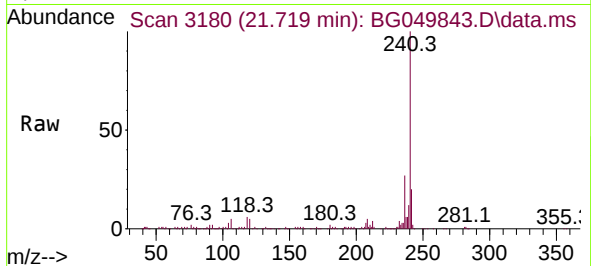




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.719 min Scan# 3180
Delta R.T. -0.009 min
Lab File: BG049843.D
Acq: 13 Aug 2021 20:47

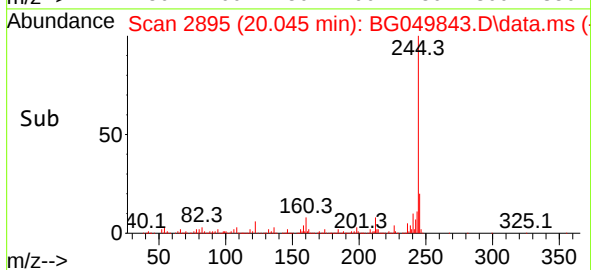
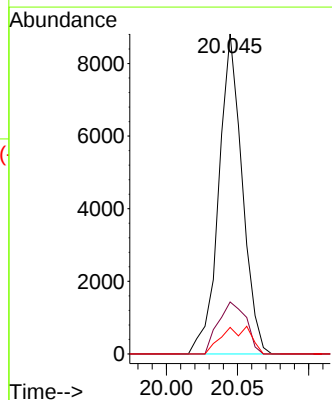
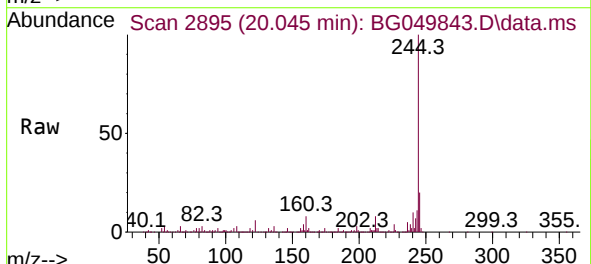
Instrument :
BNA_G
ClientSampleId :
20210591-AMENDED-COM-5

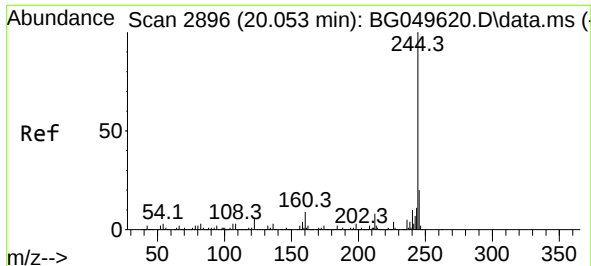
Tgt Ion:240 Resp: 154480
Ion Ratio Lower Upper
240 100
120 5.1 4.2 6.2
236 27.1 21.8 32.6



#77
Benzidine
Concen: 2.55 ng
RT: 20.045 min Scan# 2895
Delta R.T. 0.367 min
Lab File: BG049843.D
Acq: 13 Aug 2021 20:47

Tgt Ion:184 Resp: 10089
Ion Ratio Lower Upper
184 100
185 16.3 10.7 16.1#
183 8.3 9.4 14.0#

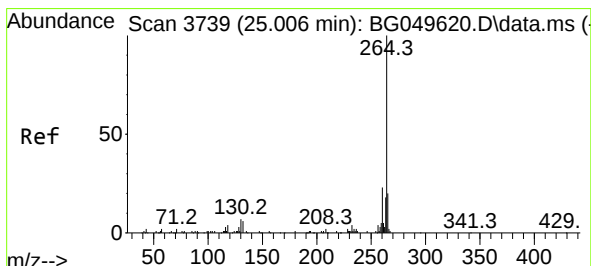
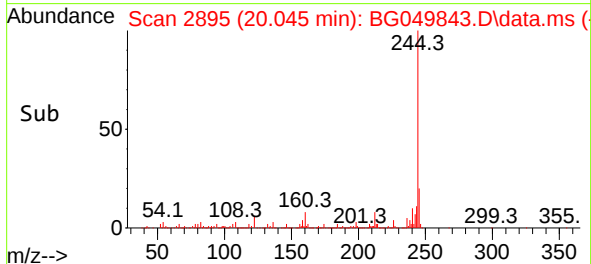
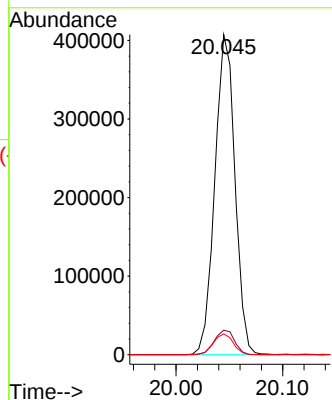
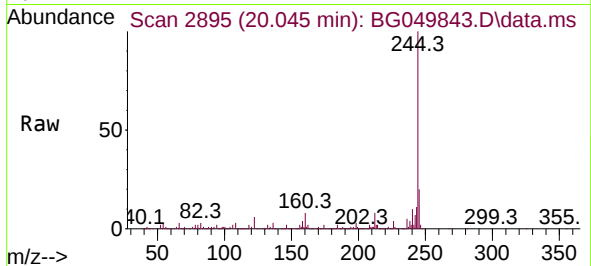




#79
 Terphenyl-d14
 Concen: 62.68 ng
 RT: 20.045 min Scan# 2895
 Delta R.T. -0.009 min
 Lab File: BG049843.D
 Acq: 13 Aug 2021 20:47

Instrument :
 BNA_G
 ClientSampleId :
 20210591-AMENDED-COM-5

Tgt Ion:244 Resp: 533143
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.9 10.3
 122 6.5 5.0 7.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.991 min Scan# 3737
 Delta R.T. -0.015 min
 Lab File: BG049843.D
 Acq: 13 Aug 2021 20:47

Tgt Ion:264 Resp: 156729
 Ion Ratio Lower Upper
 264 100
 260 26.5 19.4 29.2
 265 20.4 16.9 25.3

