

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010821\
 Data File : BG047896.D
 Acq On : 8 Jan 2021 21:25
 Operator : CG/JU
 Sample : M1038-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Quant Time: Jan 09 00:58:26 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 08 11:19:41 2021
 Response via : Initial Calibration

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

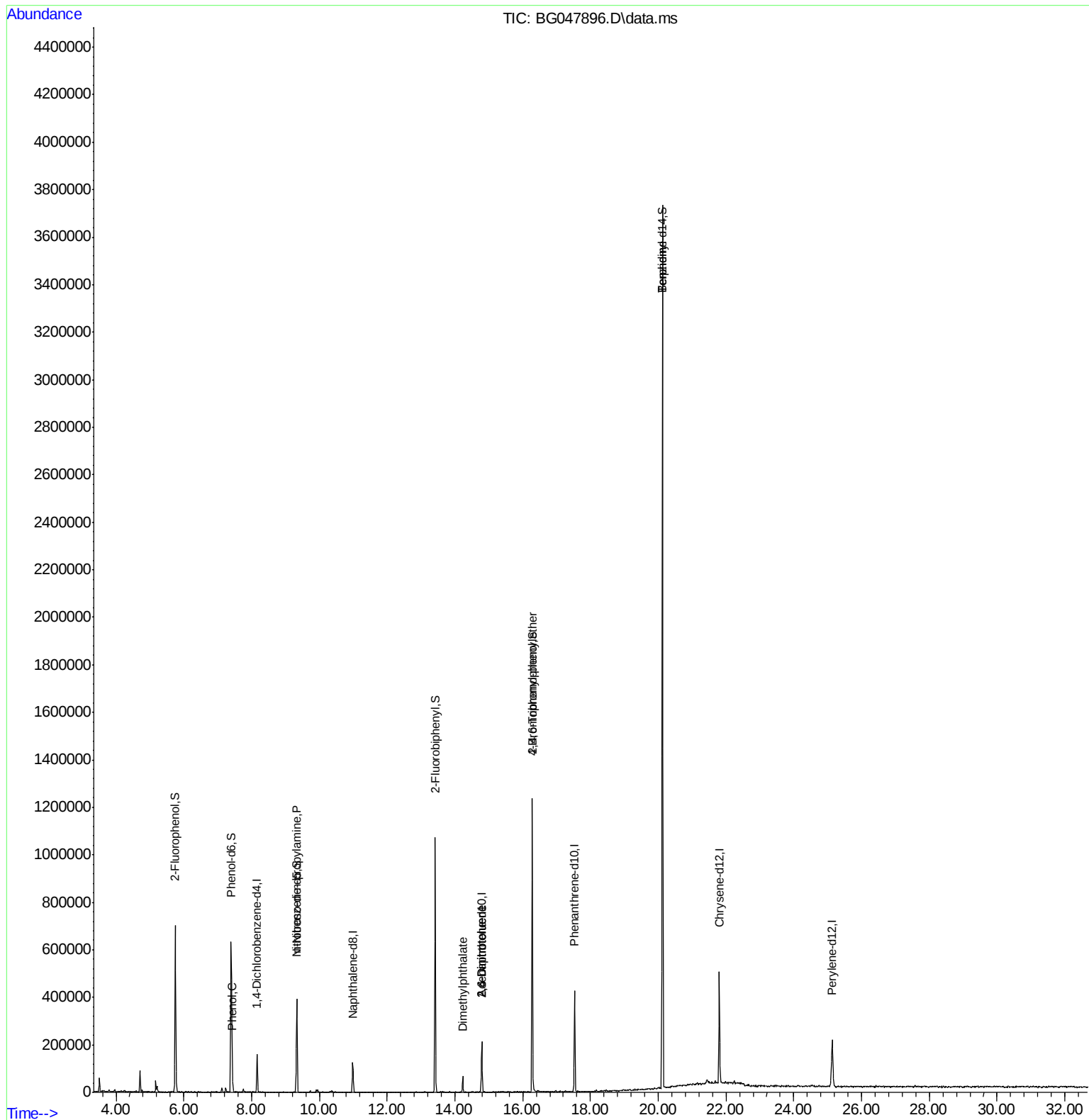
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.161	152	42928	20.00	ng	0.00
21) Naphthalene-d8	10.993	136	96993	20.00	ng	# 0.00
39) Acenaphthene-d10	14.794	164	78619	20.00	ng	0.00
64) Phenanthrene-d10	17.532	188	274974	20.00	ng	# 0.00
76) Chrysene-d12	21.804	240	308019	20.00	ng	# 0.00
86) Perylene-d12	25.135	264	223355	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.746	112	299199	120.57	ng	0.00
7) Phenol-d6	7.397	99	415009	114.41	ng	0.00
23) Nitrobenzene-d5	9.330	82	234553	88.95	ng	0.00
42) 2,4,6-Tribromophenol	16.286	330	248782	185.36	ng	0.00
45) 2-Fluorobiphenyl	13.419	172	529376	87.13	ng	0.00
79) Terphenyl-d14	20.123	244	1551648	83.01	ng	0.00
Target Compounds						
10) Phenol	7.438	94	9206	2.80	ng	# 38
19) n-Nitroso-di-n-propyla...	9.336	70	38057	15.08	ng	# 74
50) Dimethylphthalate	14.230	163	41355	6.10	ng	# 98
51) 2,6-Dinitrotoluene	14.794	165	10689	7.76	ng	# 32
57) 2,4-Dinitrotoluene	14.794	165	10689	5.22	ng	# 30
67) 4-Bromophenyl-phenylether	16.281	248	17608	4.77	ng	# 1
70) Pentachlorophenol	17.215	266	421	Below Cal		# 54
77) Benzidine	20.123	184	31825	3.84	ng	# 94

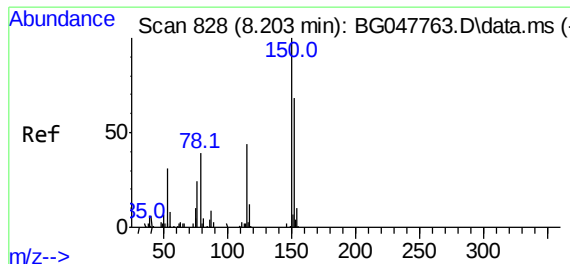
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 09 00:58:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 08 11:19:41 2021
Response via : Initial Calibration

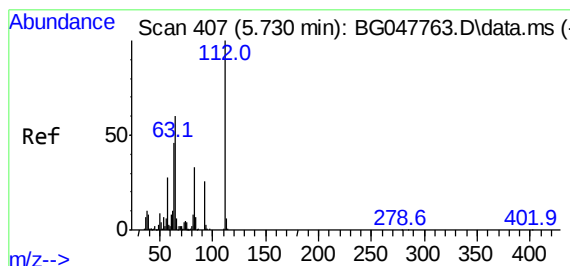
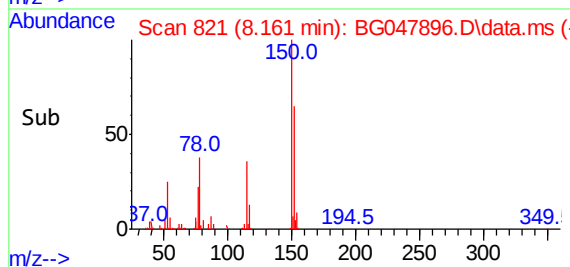
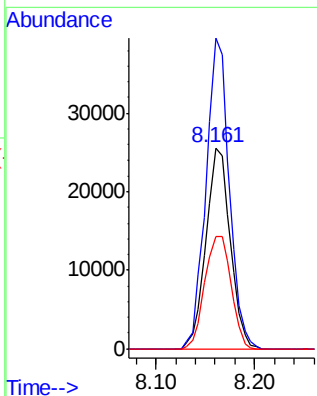
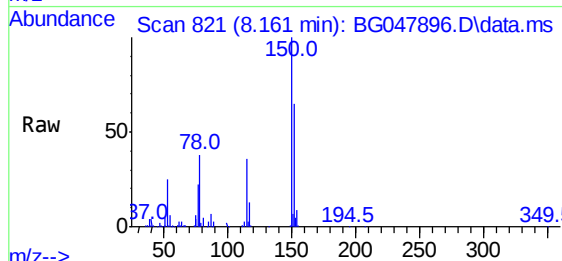




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.161 min Scan# 821
Delta R.T. -0.001 min
Lab File: BG047896.D
Acq: 8 Jan 2021 21:25

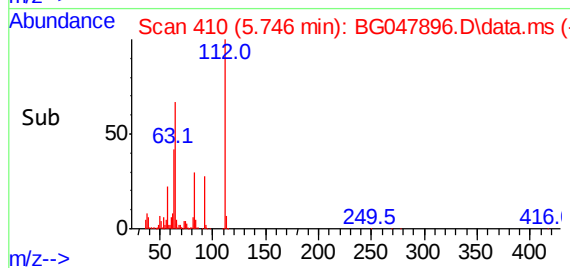
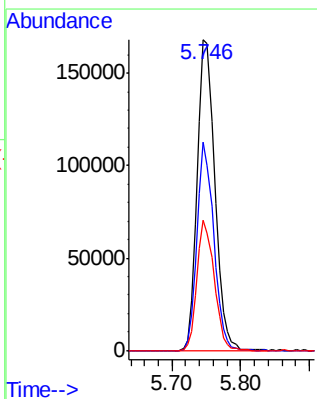
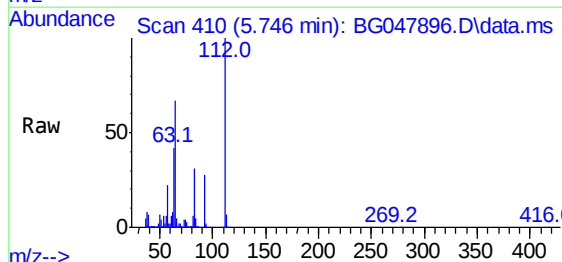
Instrument :
BNA_G
ClientSampleId :
TP-2

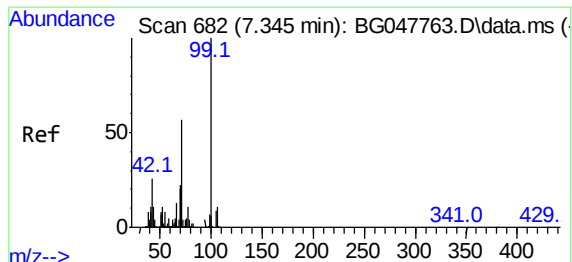
Tgt Ion:152 Resp: 42928
Ion Ratio Lower Upper
152 100
150 154.8 125.0 187.6
115 56.2 41.8 62.6



#5
2-Fluorophenol
Concen: 120.57 ng
RT: 5.746 min Scan# 410
Delta R.T. -0.007 min
Lab File: BG047896.D
Acq: 8 Jan 2021 21:25

Tgt Ion:112 Resp: 299199
Ion Ratio Lower Upper
112 100
64 67.2 46.7 70.1
63 41.8 22.8 34.2#

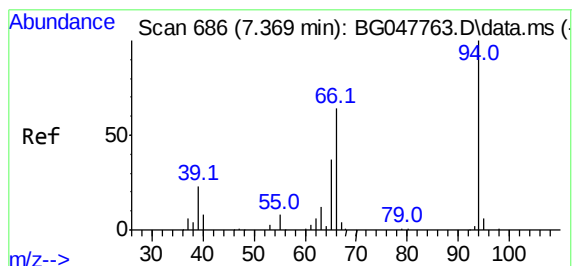
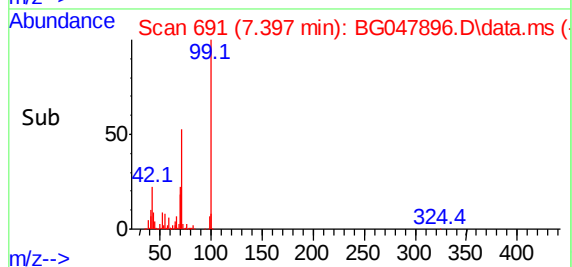
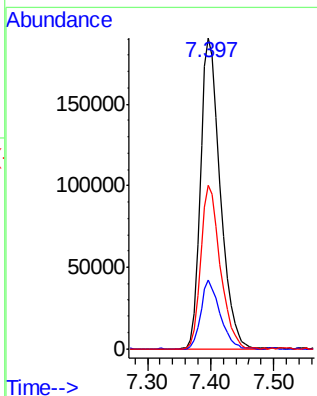
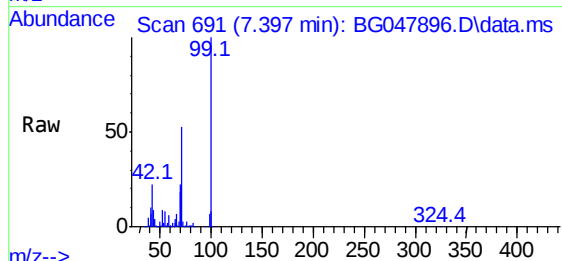




#7
Phenol-d6
Concen: 114.41 ng
RT: 7.397 min Scan# 691
Delta R.T. -0.001 min
Lab File: BG047896.D
Acq: 8 Jan 2021 21:25

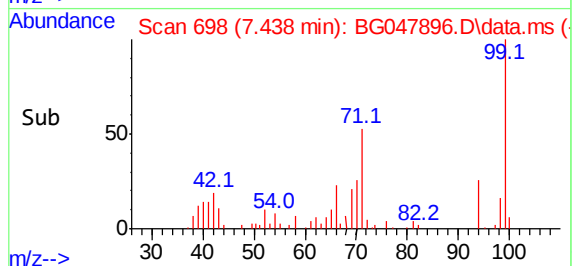
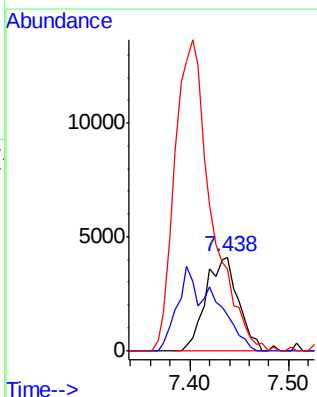
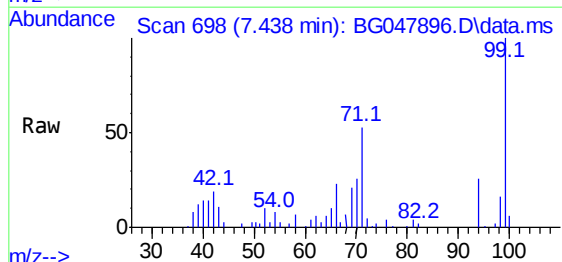
Instrument :
BNA_G
ClientSampleId :
TP-2

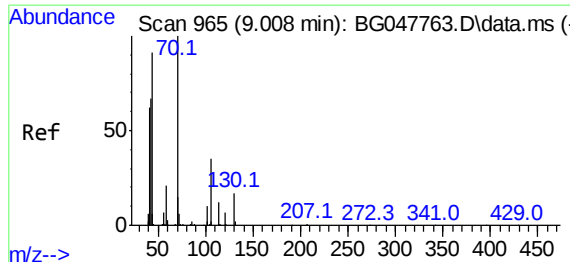
Tgt Ion: 99 Resp: 415009
Ion Ratio Lower Upper
99 100
42 22.3 12.8 19.2#
71 52.7 24.6 36.8#



#10
Phenol
Concen: 2.80 ng
RT: 7.438 min Scan# 698
Delta R.T. 0.011 min
Lab File: BG047896.D
Acq: 8 Jan 2021 21:25

Tgt Ion: 94 Resp: 9206
Ion Ratio Lower Upper
94 100
65 38.6 6.6 46.6
66 86.9 13.9 53.9#

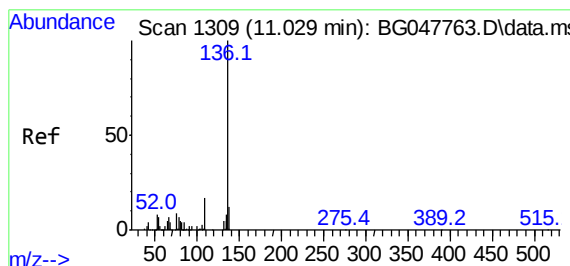
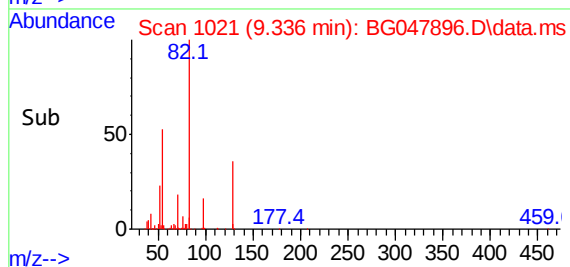
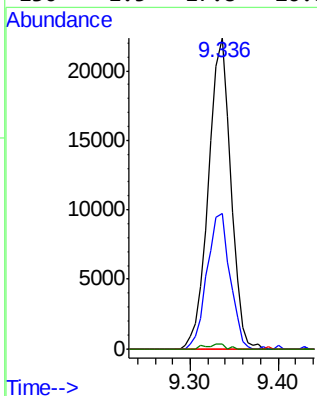
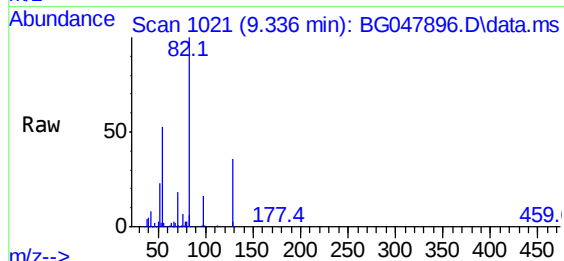




#19
n-Nitroso-di-n-propylamine
Concen: 15.08 ng
RT: 9.336 min Scan# 1021
Delta R.T. 0.369 min
Lab File: BG047896.D
Acq: 8 Jan 2021 21:25

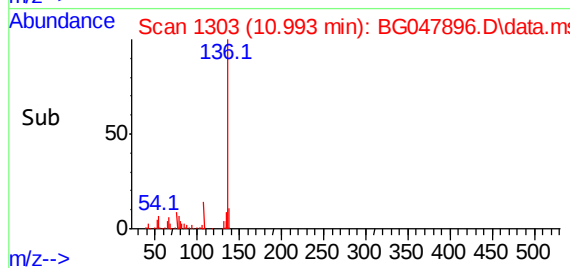
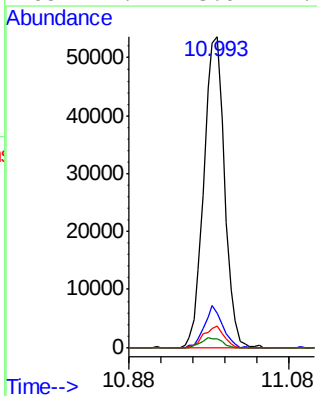
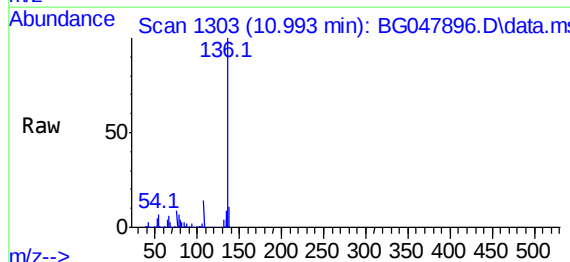
Instrument :
BNA_G
ClientSampled :
TP-2

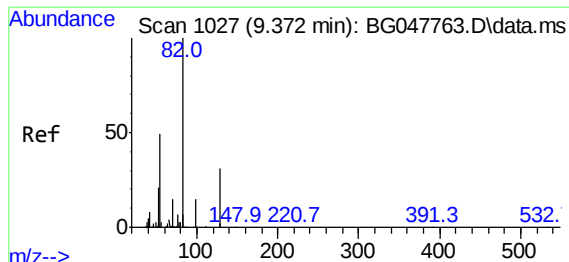
Tgt Ion: 70 Resp: 38057
Ion Ratio Lower Upper
70 100
42 43.6 45.6 68.4#
101 0.0 8.4 12.6#
130 1.5 17.8 26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.993 min Scan# 1303
Delta R.T. -0.001 min
Lab File: BG047896.D
Acq: 8 Jan 2021 21:25

Tgt Ion:136 Resp: 96993
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 6.8 6.2 9.4
68 2.9 5.0 7.4#

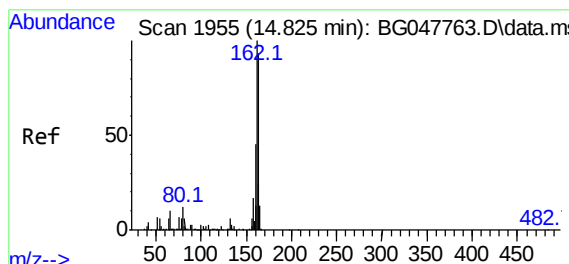
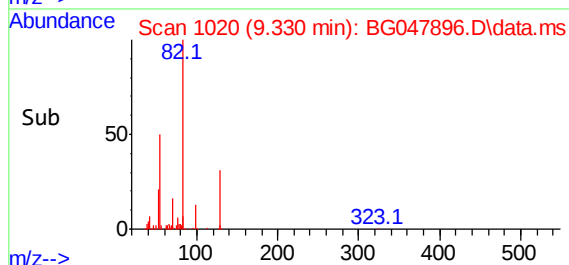
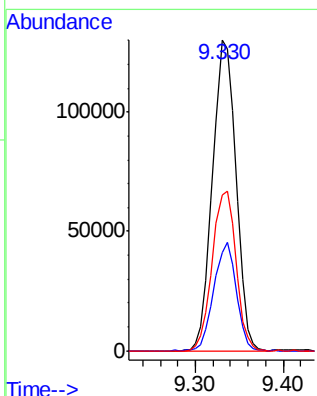
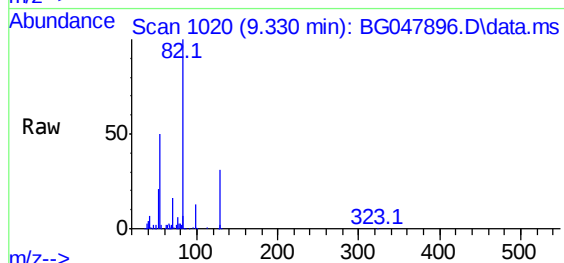




#23
Nitrobenzene-d5
Concen: 88.95 ng
RT: 9.330 min Scan# 1020
Delta R.T. -0.007 min
Lab File: BG047896.D
Acq: 8 Jan 2021 21:25

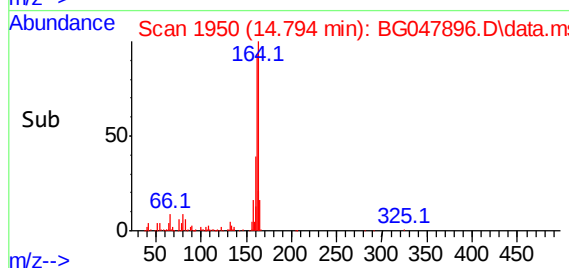
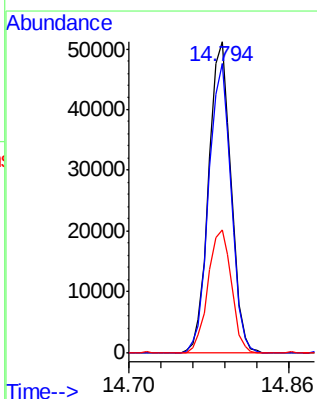
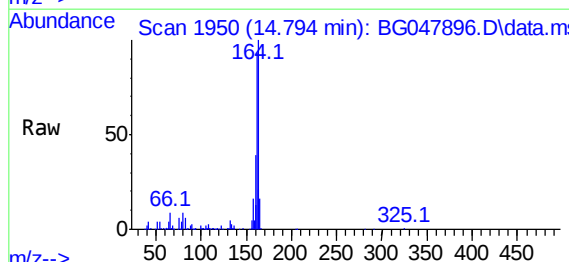
Instrument :
BNA_G
ClientSampleId :
TP-2

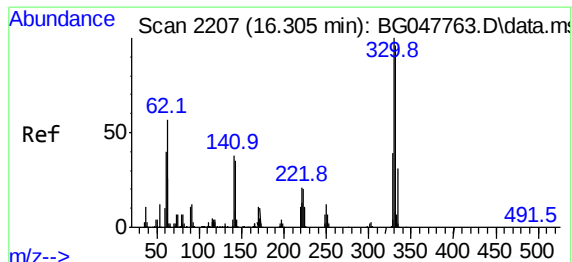
Tgt Ion: 82 Resp: 234553
Ion Ratio Lower Upper
82 100
128 31.5 37.0 55.6#
54 50.0 39.0 58.4



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.794 min Scan# 1950
Delta R.T. -0.001 min
Lab File: BG047896.D
Acq: 8 Jan 2021 21:25

Tgt Ion: 164 Resp: 78619
Ion Ratio Lower Upper
164 100
162 93.0 82.3 123.5
160 39.4 35.3 52.9

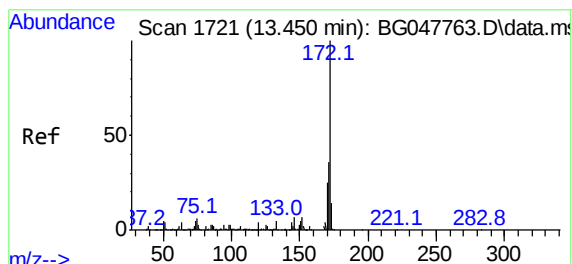
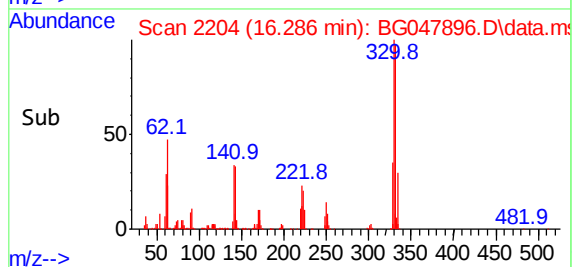
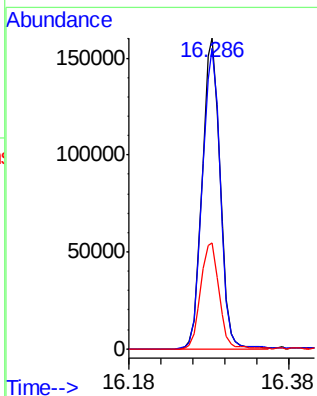
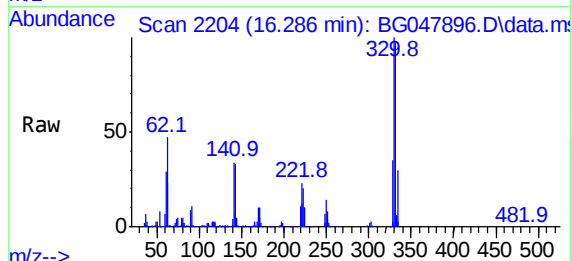




#42
2,4,6-Tribromophenol
Concen: 185.36 ng
RT: 16.286 min Scan# 2204
Delta R.T. -0.001 min
Lab File: BG047896.D
Acq: 8 Jan 2021 21:25

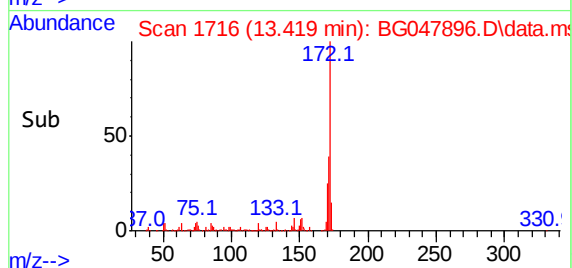
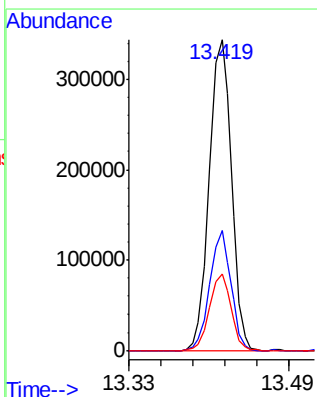
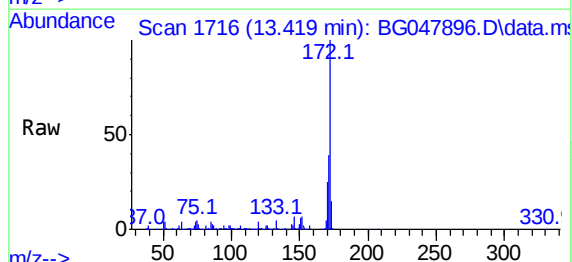
Instrument :
BNA_G
ClientSampleId :
TP-2

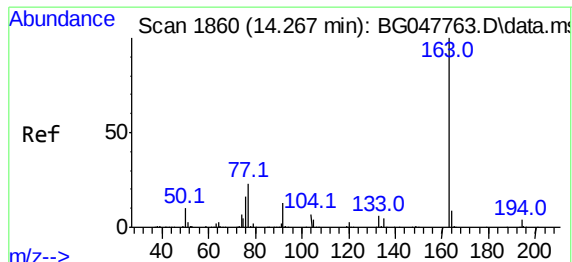
Tgt Ion:330 Resp: 248782
Ion Ratio Lower Upper
330 100
332 97.5 76.5 114.7
141 35.2 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 87.13 ng
RT: 13.419 min Scan# 1716
Delta R.T. -0.001 min
Lab File: BG047896.D
Acq: 8 Jan 2021 21:25

Tgt Ion:172 Resp: 529376
Ion Ratio Lower Upper
172 100
171 38.7 31.3 46.9
170 24.8 20.8 31.2

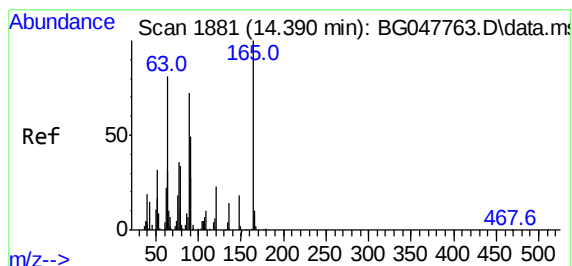
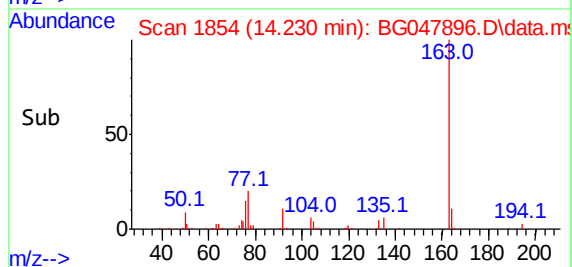
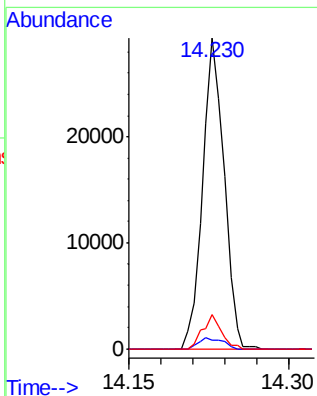
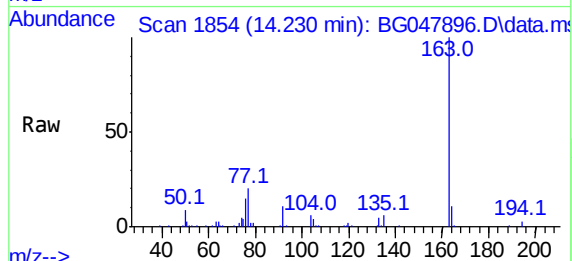




#50
Dimethylphthalate
Concen: 6.10 ng
RT: 14.230 min Scan# 1854
Delta R.T. -0.013 min
Lab File: BG047896.D
Acq: 8 Jan 2021 21:25

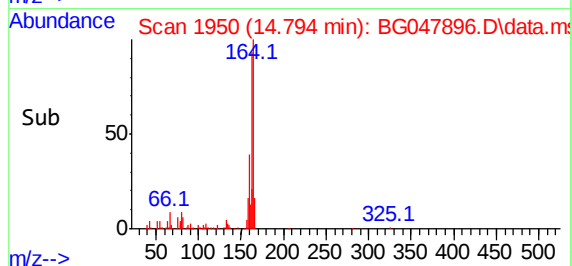
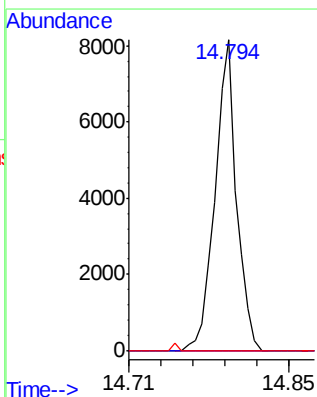
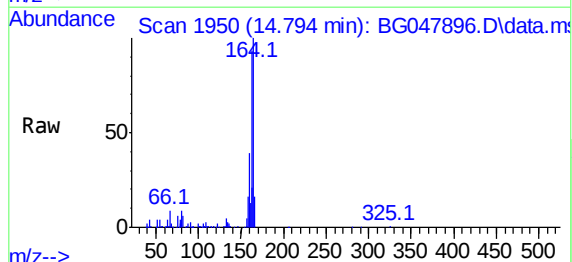
Instrument :
BNA_G
ClientSampleId :
TP-2

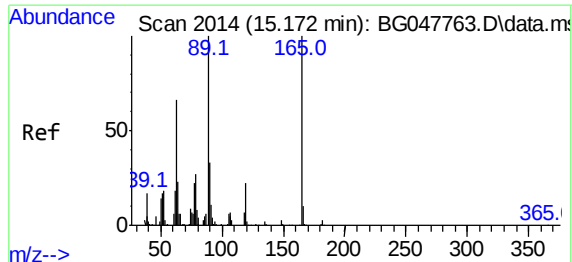
Tgt Ion:163 Resp: 41355
Ion Ratio Lower Upper
163 100
194 2.8 3.8 5.8#
164 10.8 8.8 13.2



#51
2,6-Dinitrotoluene
Concen: 7.76 ng
RT: 14.794 min Scan# 1950
Delta R.T. 0.434 min
Lab File: BG047896.D
Acq: 8 Jan 2021 21:25

Tgt Ion:165 Resp: 10689
Ion Ratio Lower Upper
165 100
63 0.0 33.7 50.5#
89 0.0 36.6 54.8#



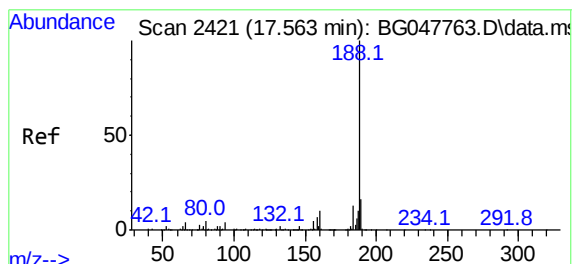
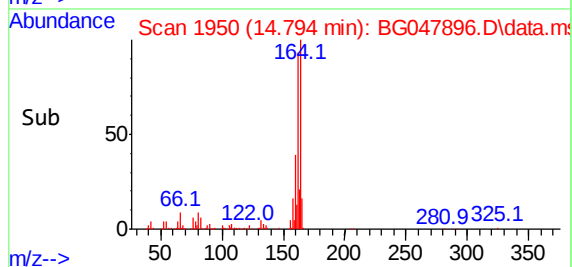
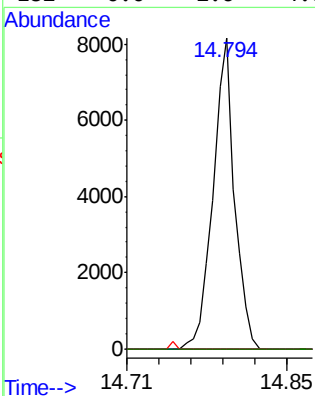
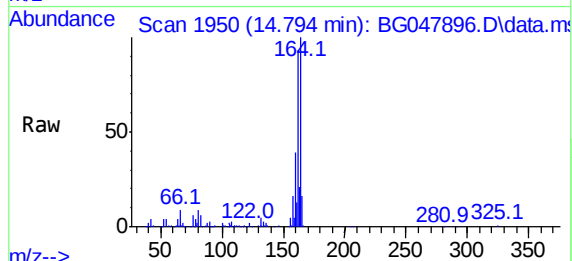


#57
2,4-Dinitrotoluene
Concen: 5.22 ng
RT: 14.794 min Scan# 1950
Delta R.T. -0.354 min
Lab File: BG047896.D
Acq: 8 Jan 2021 21:25

Instrument :
BNA_G
ClientSampled :
TP-2

Tgt Ion:165 Resp: 10689

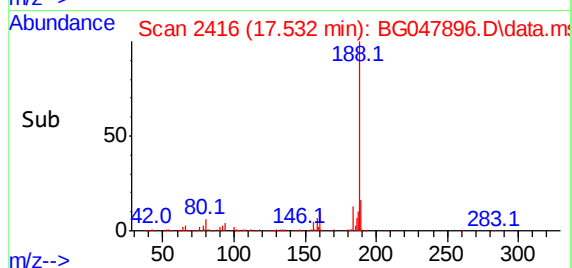
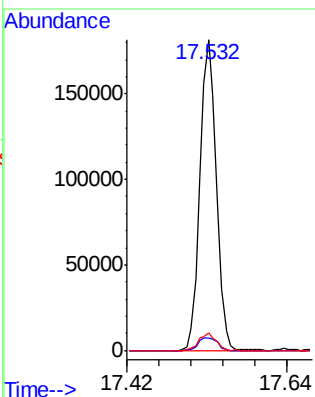
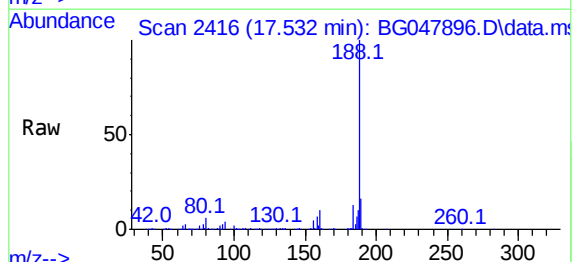
Ion	Ratio	Lower	Upper
165	100		
63	0.0	26.4	39.6#
89	0.0	47.8	71.8#
182	0.0	2.6	4.0#

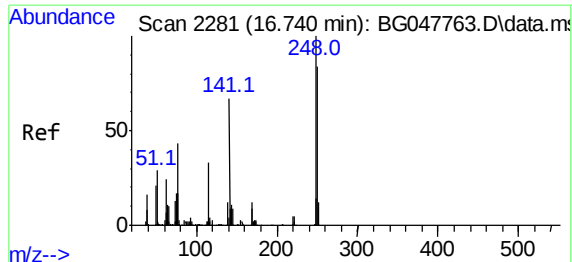


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.532 min Scan# 2416
Delta R.T. -0.001 min
Lab File: BG047896.D
Acq: 8 Jan 2021 21:25

Tgt Ion:188 Resp: 274974

Ion	Ratio	Lower	Upper
188	100		
94	4.1	6.3	9.5#
80	5.6	7.0	10.6#

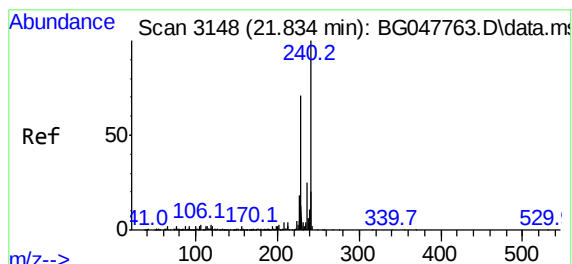
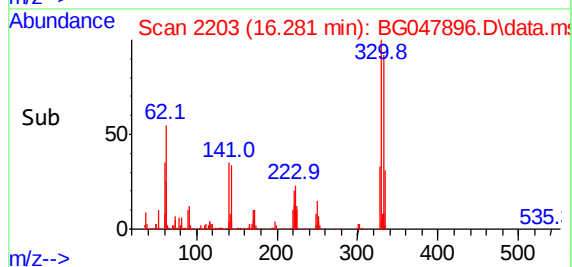
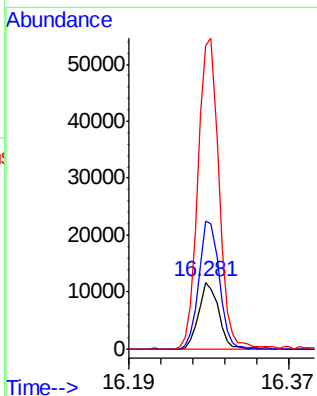
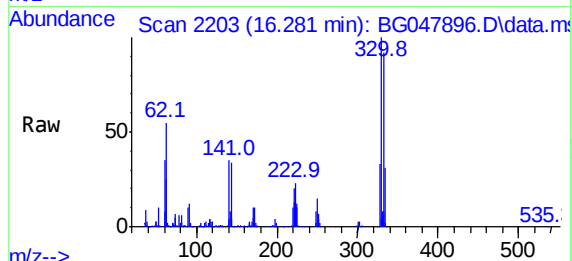




#67
4-Bromophenyl-phenylether
Concen: 4.77 ng
RT: 16.281 min Scan# 2203
Delta R.T. -0.436 min
Lab File: BG047896.D
Acq: 8 Jan 2021 21:25

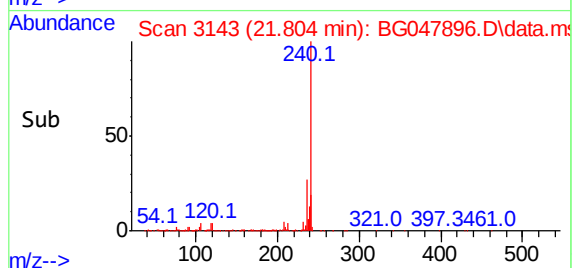
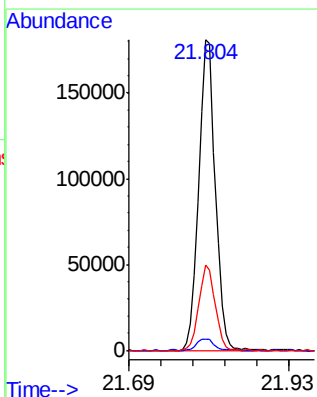
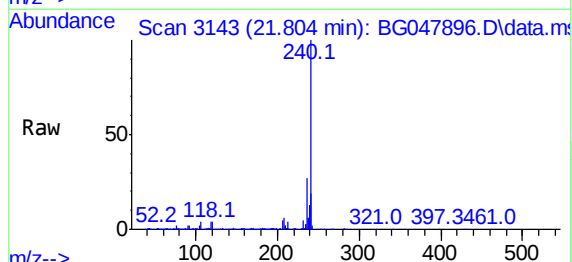
Instrument :
BNA_G
ClientSampled :
TP-2

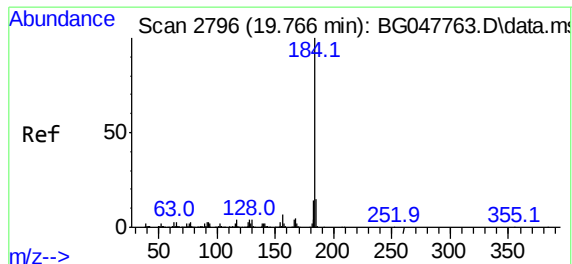
Tgt Ion:248 Resp: 17608
Ion Ratio Lower Upper
248 100
250 193.0 78.9 118.3#
141 458.1 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.804 min Scan# 3143
Delta R.T. -0.007 min
Lab File: BG047896.D
Acq: 8 Jan 2021 21:25

Tgt Ion:240 Resp: 308019
Ion Ratio Lower Upper
240 100
120 3.7 6.2 9.4#
236 27.3 20.5 30.7

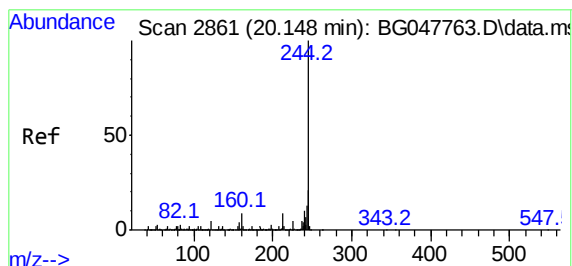
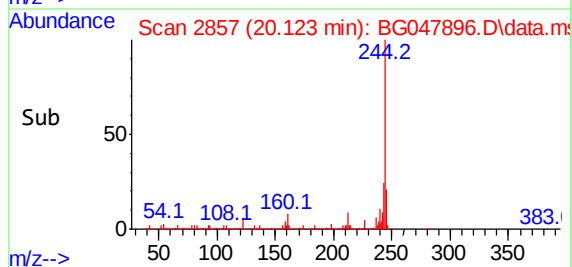
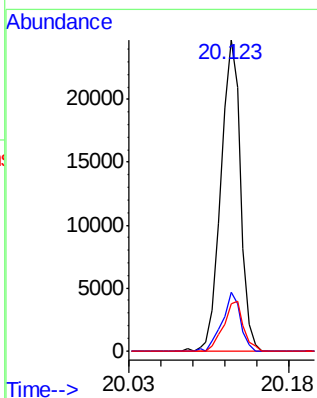
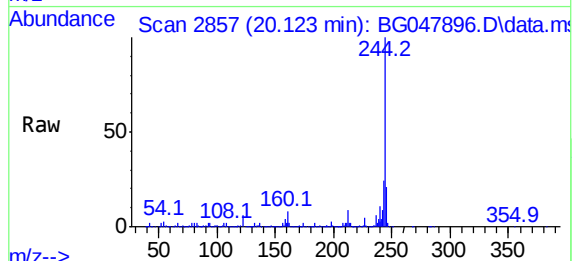




#77
Benzidine
Concen: 3.84 ng
RT: 20.123 min Scan# 2857
Delta R.T. 0.375 min
Lab File: BG047896.D
Acq: 8 Jan 2021 21:25

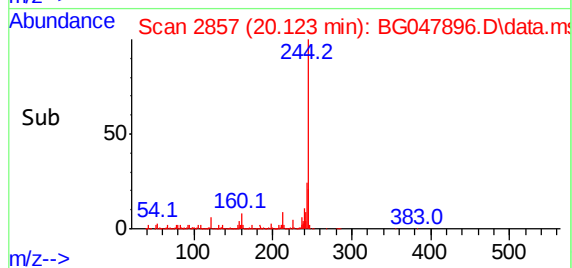
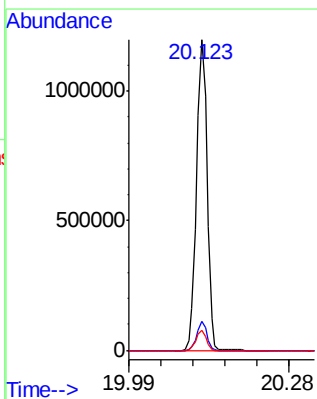
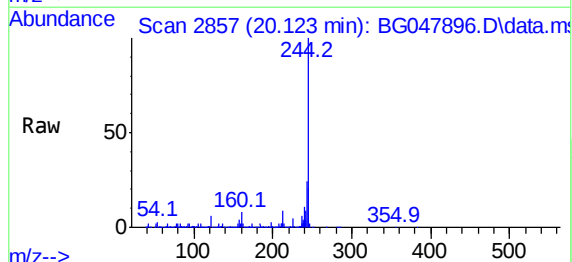
Instrument :
BNA_G
ClientSampled :
TP-2

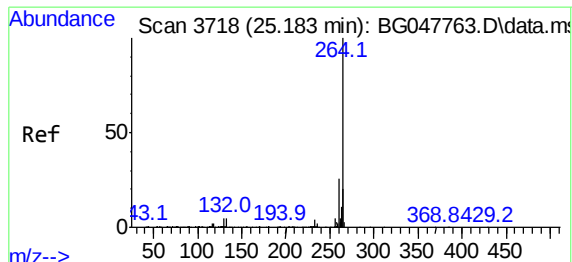
Tgt Ion:184 Resp: 31825
Ion Ratio Lower Upper
184 100
185 18.7 12.4 18.6#
183 15.0 10.6 15.8



#79
Terphenyl-d14
Concen: 83.01 ng
RT: 20.123 min Scan# 2857
Delta R.T. -0.001 min
Lab File: BG047896.D
Acq: 8 Jan 2021 21:25

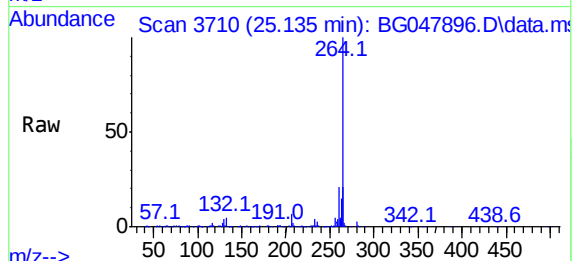
Tgt Ion:244 Resp: 1551648
Ion Ratio Lower Upper
244 100
212 9.3 6.7 10.1
122 6.4 7.8 11.6#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.135 min Scan# 3710
Delta R.T. -0.001 min
Lab File: BG047896.D
Acq: 8 Jan 2021 21:25

Instrument :
BNA_G
ClientSampleId :
TP-2



Tgt Ion:264 Resp: 223355

Ion	Ratio	Lower	Upper
264	100		
260	21.5	18.8	28.2
265	21.2	17.8	26.8

