

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032221\
 Data File : BG048441.D
 Acq On : 22 Mar 2021 12:19
 Operator : CG/JU
 Sample : PB135247BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB135247BL

Quant Time: Mar 22 12:56:38 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 22 11:22:24 2021
 Response via : Initial Calibration

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

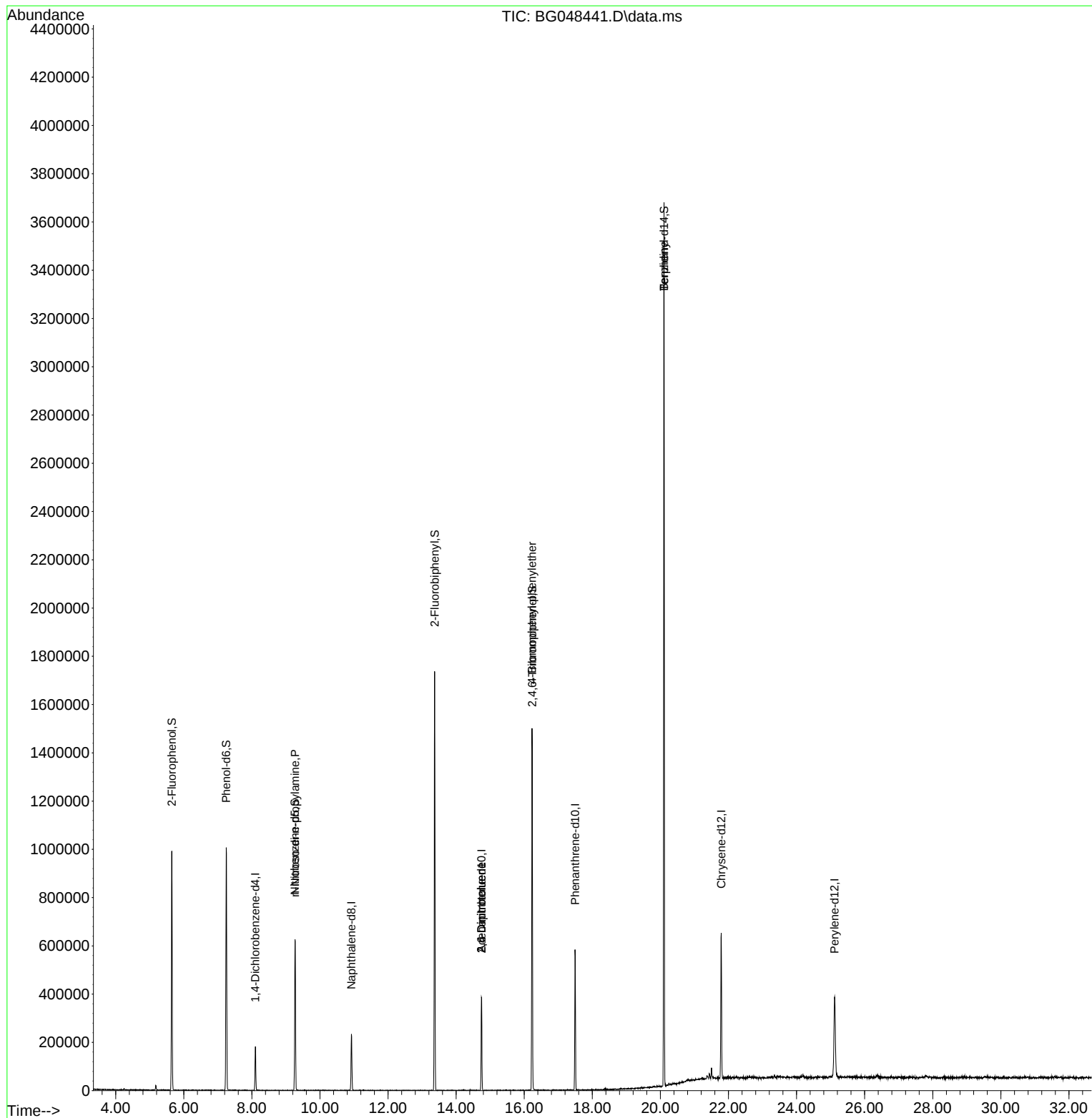
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.104	152	44797	20.00	ng	0.00
21) Naphthalene-d8	10.924	136	181485	20.00	ng	0.00
39) Acenaphthene-d10	14.743	164	146728	20.00	ng	0.00
64) Phenanthrene-d10	17.493	188	365270	20.00	ng	# 0.00
76) Chrysene-d12	21.788	240	383026	20.00	ng	# 0.00
86) Perylene-d12	25.113	264	377382	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.648	112	374636	138.30	ng	0.00
7) Phenol-d6	7.246	99	507429	128.73	ng	0.00
23) Nitrobenzene-d5	9.267	82	386198	85.08	ng	0.00
42) 2,4,6-Tribromophenol	16.235	330	279070	116.95	ng	0.00
45) 2-Fluorobiphenyl	13.368	172	834752	81.84	ng	0.00
79) Terphenyl-d14	20.107	244	1724177	81.18	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.246	77	1391	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.273	70	56890	19.44	ng	# 79
51) 2,6-Dinitrotoluene	14.743	165	18686	7.27	ng	# 33
57) 2,4-Dinitrotoluene	14.743	165	18686	5.12	ng	# 32
67) 4-Bromophenyl-phenylether	16.230	248	19343	4.20	ng	# 1
77) Benzidine	20.107	184	31391	2.74	ng	99

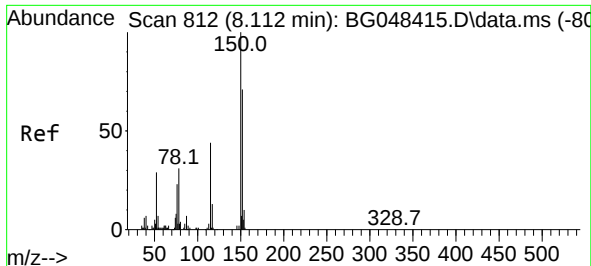
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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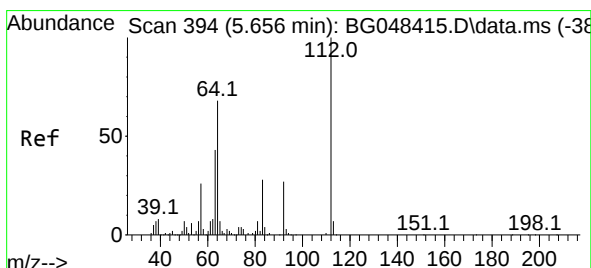
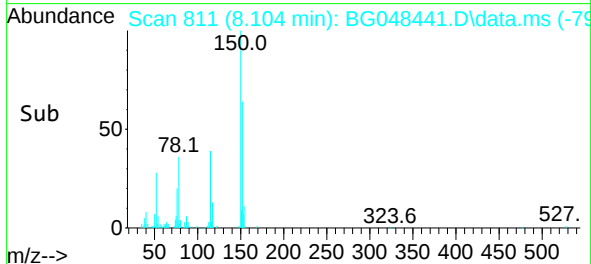
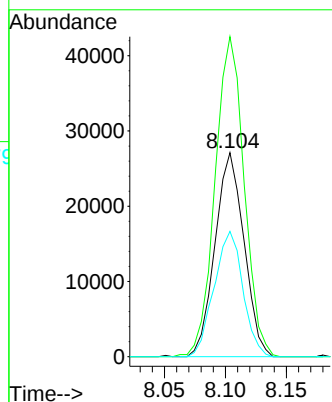
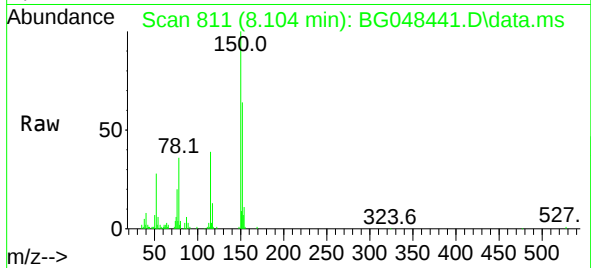




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.104 min Scan# 811
Delta R.T. 0.001 min
Lab File: BG048441.D
Acq: 22 Mar 2021 12:19

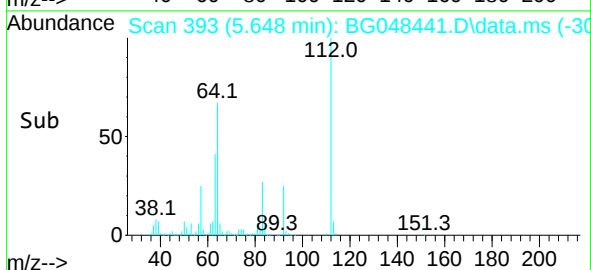
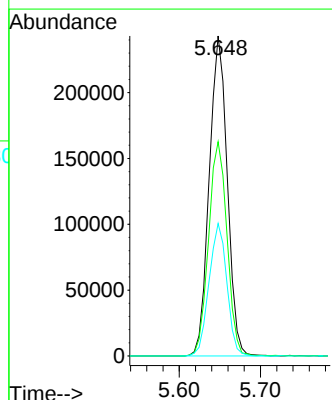
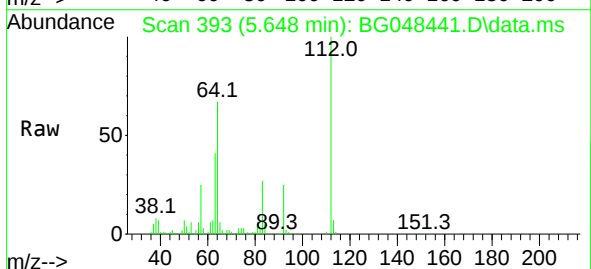
Instrument :
BNA_G
ClientSampleId :
PB135247BL

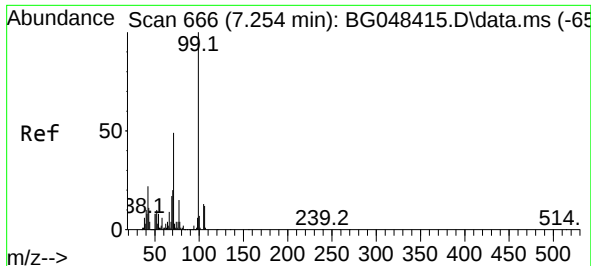
Tgt Ion:152 Resp: 44797
Ion Ratio Lower Upper
152 100
150 156.9 125.0 187.6
115 61.4 41.8 62.6



#5
2-Fluorophenol
Concen: 138.30 ng
RT: 5.648 min Scan# 393
Delta R.T. 0.001 min
Lab File: BG048441.D
Acq: 22 Mar 2021 12:19

Tgt Ion:112 Resp: 374636
Ion Ratio Lower Upper
112 100
64 66.9 46.7 70.1
63 41.4 22.8 34.2#

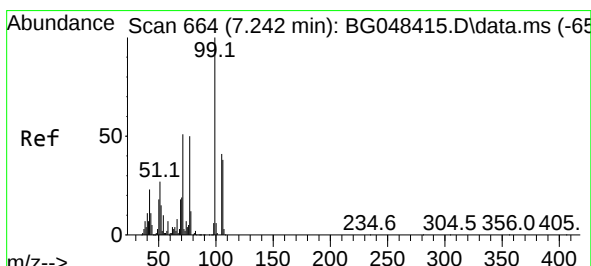
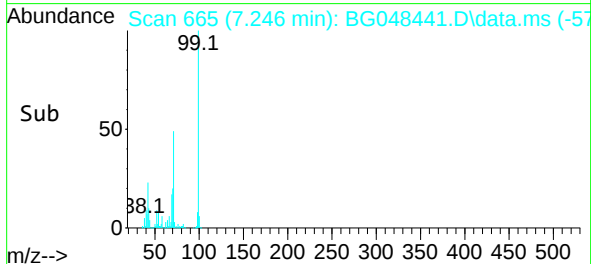
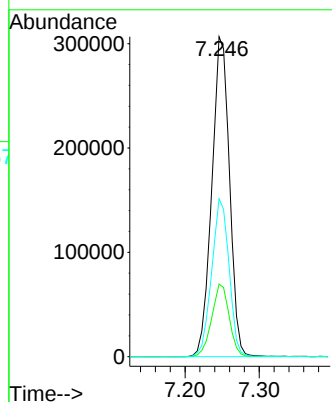
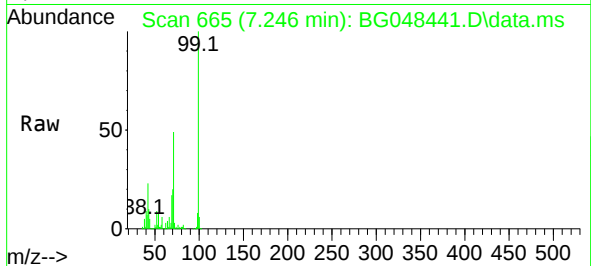




#7
Phenol-d6
Concen: 128.73 ng
RT: 7.246 min Scan# 665
Delta R.T. -0.005 min
Lab File: BG048441.D
Acq: 22 Mar 2021 12:19

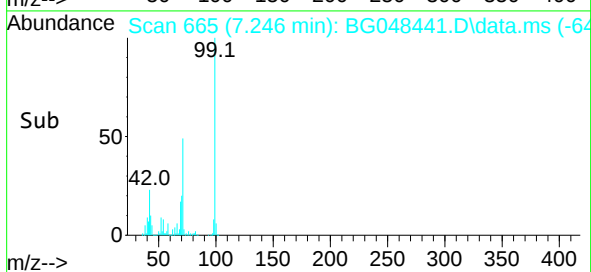
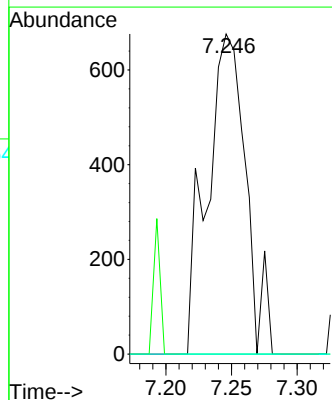
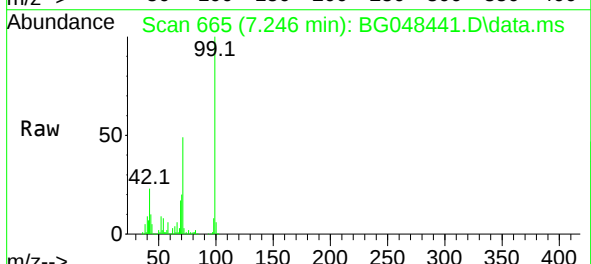
Instrument :
BNA_G
ClientSampleId :
PB135247BL

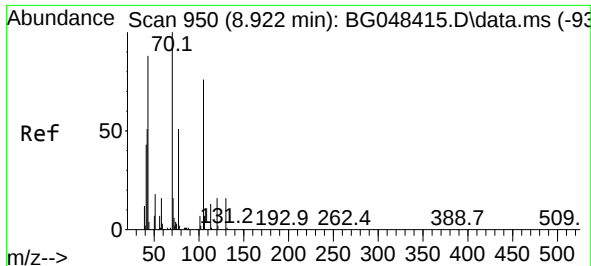
Tgt Ion: 99 Resp: 507429
Ion Ratio Lower Upper
99 100
42 22.7 12.8 19.2#
71 49.4 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.246 min Scan# 665
Delta R.T. 0.007 min
Lab File: BG048441.D
Acq: 22 Mar 2021 12:19

Tgt Ion: 77 Resp: 1391
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#

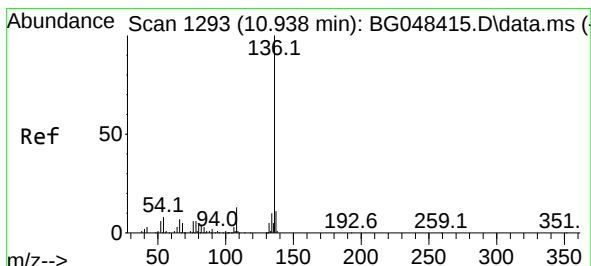
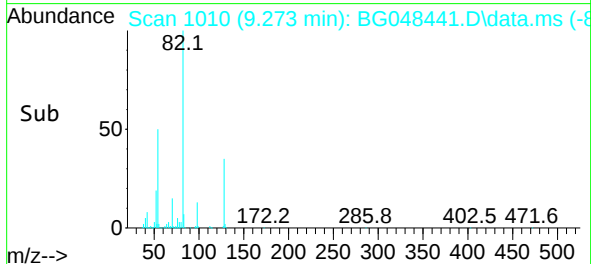
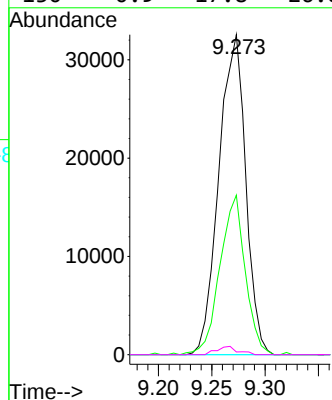
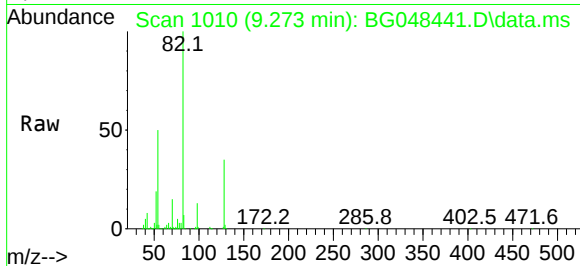




#19
n-Nitroso-di-n-propylamine
Concen: 19.44 ng
RT: 9.273 min Scan# 1010
Delta R.T. 0.359 min
Lab File: BG048441.D
Acq: 22 Mar 2021 12:19

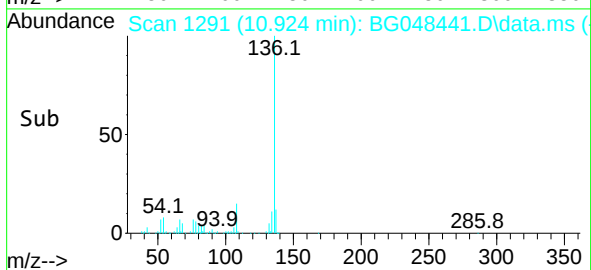
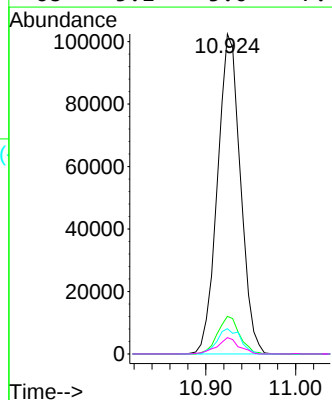
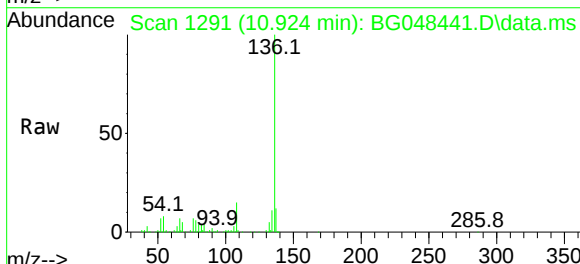
Instrument :
BNA_G
ClientSampleId :
PB135247BL

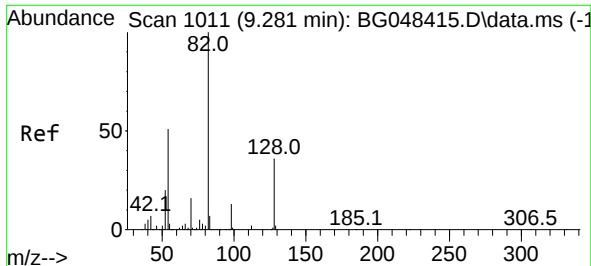
Tgt Ion: 70	Resp: 56890
Ion Ratio	Lower Upper
70 100	
42 49.8	45.6 68.4
101 0.0	8.4 12.6#
130 0.9	17.8 26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.924 min Scan# 1291
Delta R.T. -0.005 min
Lab File: BG048441.D
Acq: 22 Mar 2021 12:19

Tgt Ion: 136	Resp: 181485
Ion Ratio	Lower Upper
136 100	
137 11.8	9.1 13.7
54 7.9	6.2 9.4
68 5.1	5.0 7.4





#23

Nitrobenzene-d5

Concen: 85.08 ng

RT: 9.267 min Scan# 1009

Delta R.T. -0.005 min

Lab File: BG048441.D

Acq: 22 Mar 2021 12:19

Tgt Ion: 82 Resp: 386198

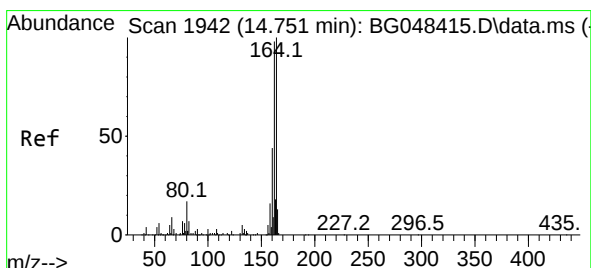
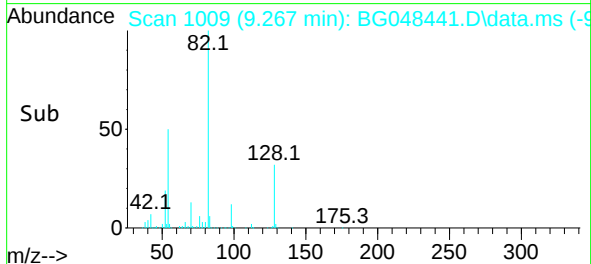
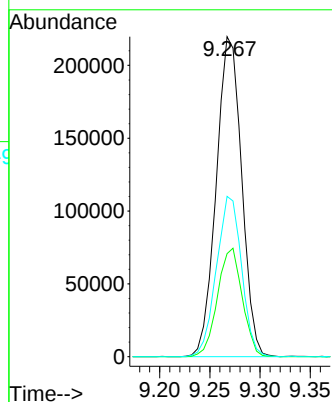
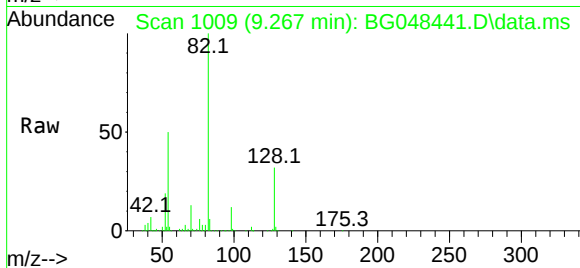
Ion	Ratio	Lower	Upper
82	100		
128	32.2	37.0	55.6#
54	50.1	39.0	58.4

Instrument :

BNA_G

ClientSampleId :

PB135247BL



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.743 min Scan# 1941

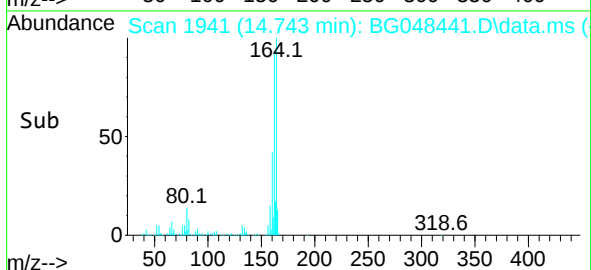
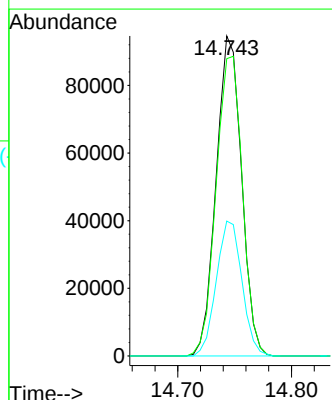
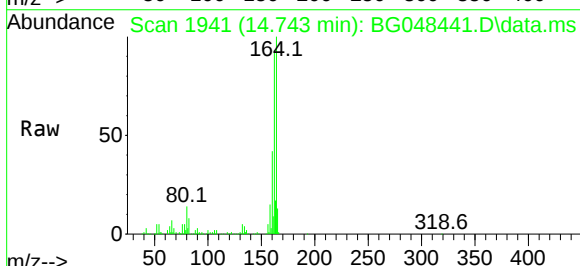
Delta R.T. -0.005 min

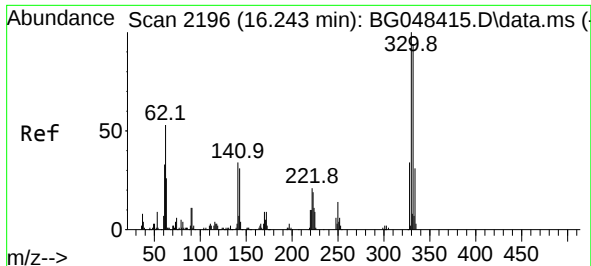
Lab File: BG048441.D

Acq: 22 Mar 2021 12:19

Tgt Ion: 164 Resp: 146728

Ion	Ratio	Lower	Upper
164	100		
162	92.9	82.3	123.5
160	42.1	35.3	52.9

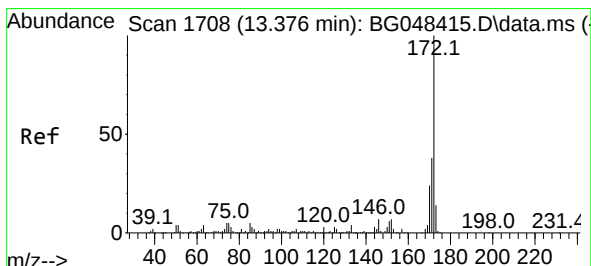
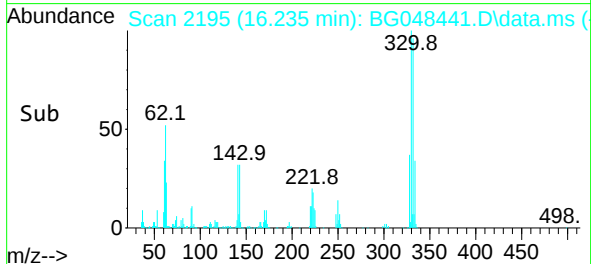
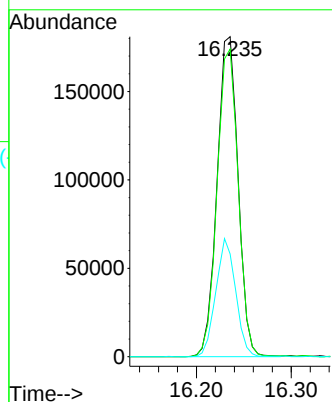
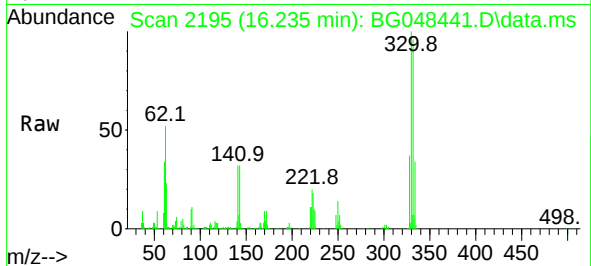




#42
2,4,6-Tribromophenol
Concen: 116.95 ng
RT: 16.235 min Scan# 2195
Delta R.T. 0.001 min
Lab File: BG048441.D
Acq: 22 Mar 2021 12:19

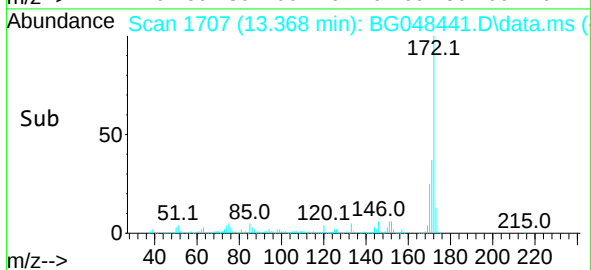
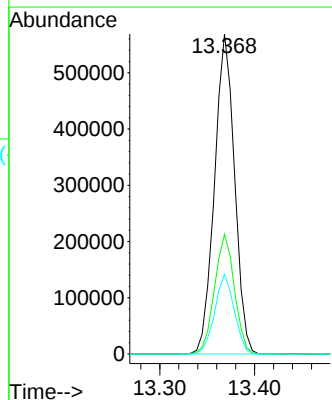
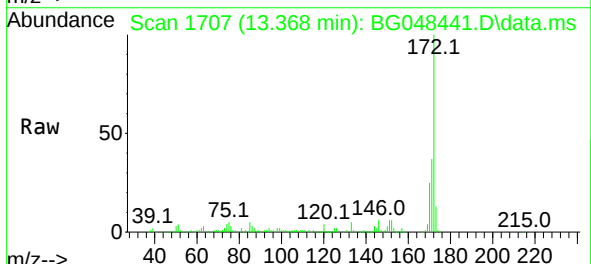
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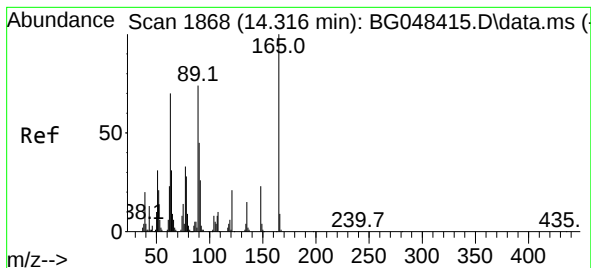
Tgt Ion:330 Resp: 279070
Ion Ratio Lower Upper
330 100
332 96.6 76.5 114.7
141 34.8 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 81.84 ng
RT: 13.368 min Scan# 1707
Delta R.T. 0.001 min
Lab File: BG048441.D
Acq: 22 Mar 2021 12:19

Tgt Ion:172 Resp: 834752
Ion Ratio Lower Upper
172 100
171 37.4 31.3 46.9
170 24.9 20.8 31.2

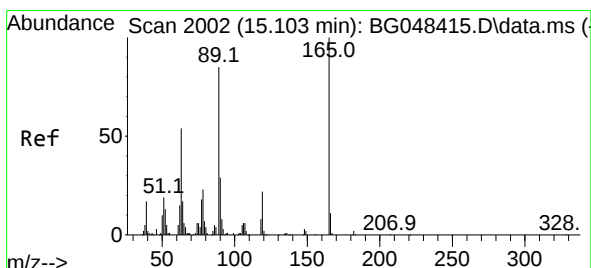
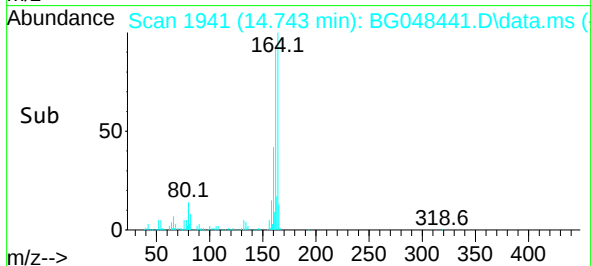
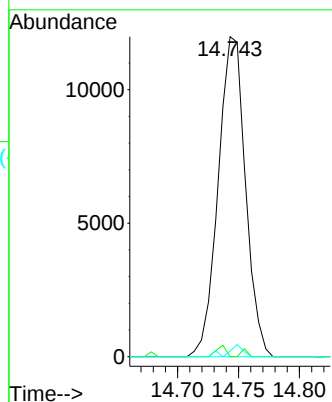
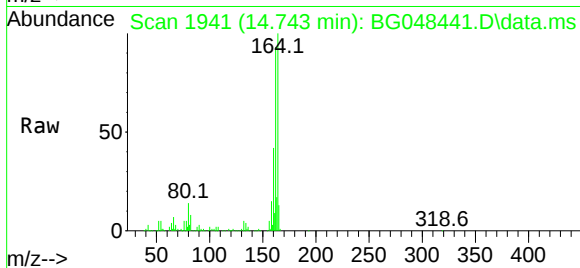




#51
2,6-Dinitrotoluene
Concen: 7.27 ng
RT: 14.743 min Scan# 1941
Delta R.T. 0.430 min
Lab File: BG048441.D
Acq: 22 Mar 2021 12:19

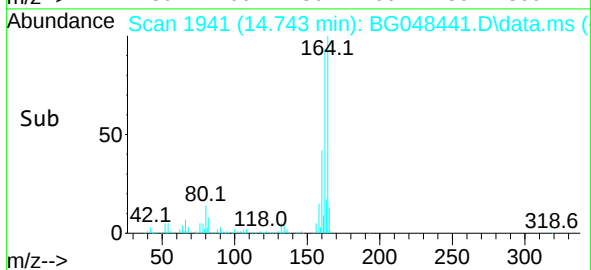
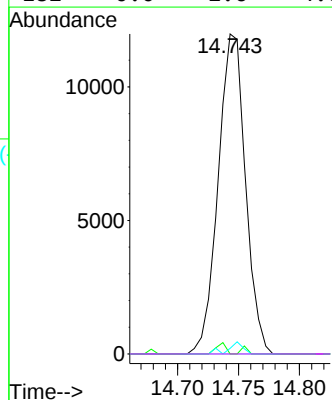
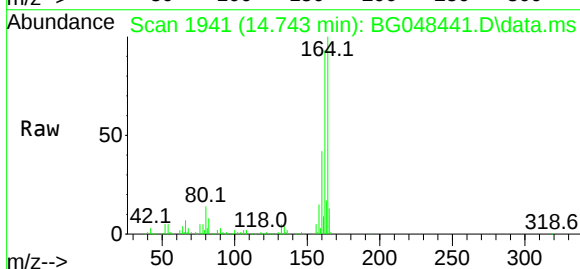
Instrument :
BNA_G
ClientSampleId :
PB135247BL

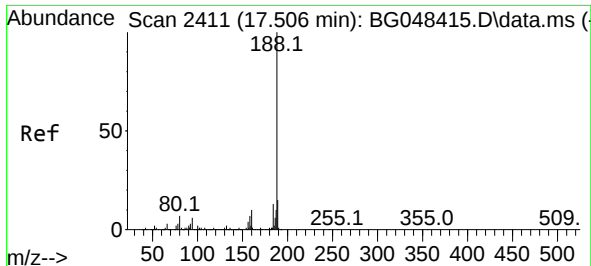
Tgt Ion:165 Resp: 18686
Ion Ratio Lower Upper
165 100
63 0.0 33.7 50.5#
89 1.8 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 5.12 ng
RT: 14.743 min Scan# 1941
Delta R.T. -0.357 min
Lab File: BG048441.D
Acq: 22 Mar 2021 12:19

Tgt Ion:165 Resp: 18686
Ion Ratio Lower Upper
165 100
63 0.0 26.4 39.6#
89 1.8 47.8 71.8#
182 0.0 2.6 4.0#

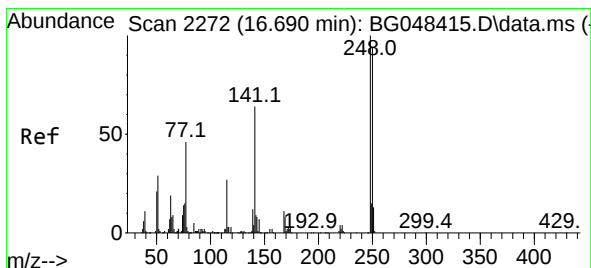
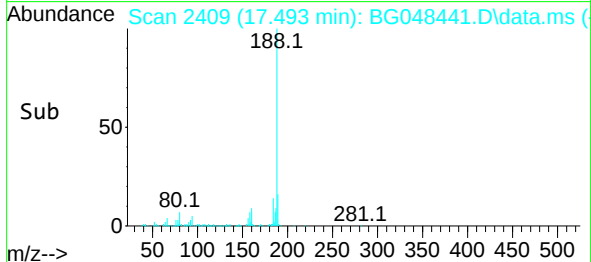
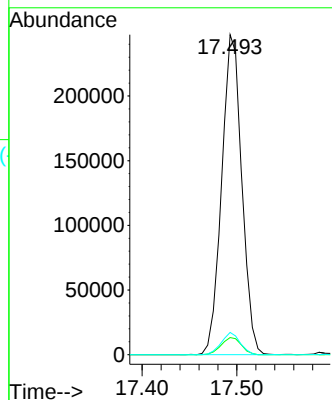
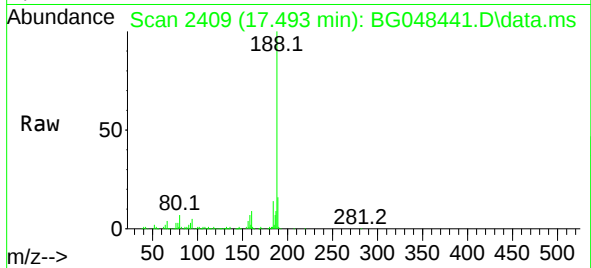




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.493 min Scan# 2409
Delta R.T. -0.005 min
Lab File: BG048441.D
Acq: 22 Mar 2021 12:19

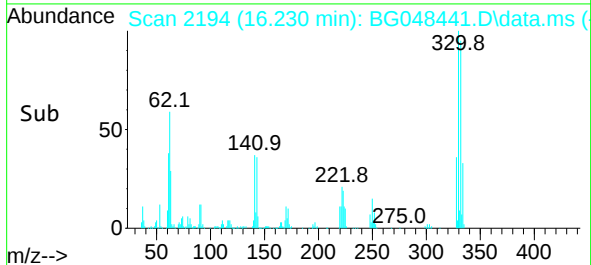
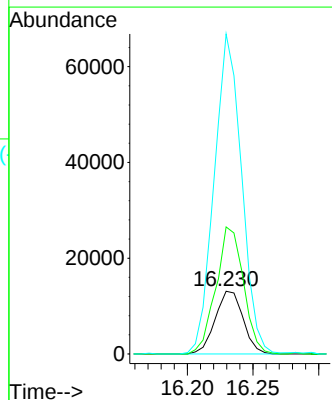
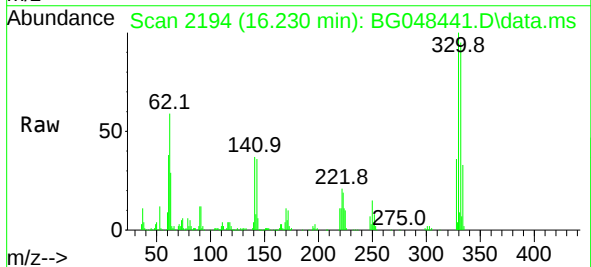
Instrument :
BNA_G
ClientSampleId :
PB135247BL

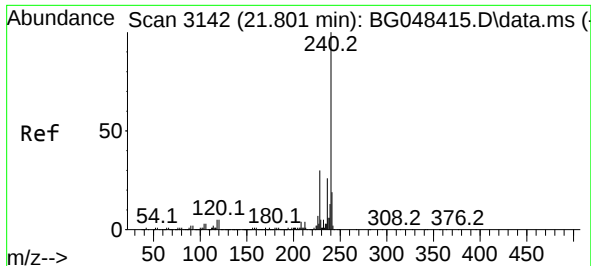
Tgt Ion:188 Resp: 365270
Ion Ratio Lower Upper
188 100
94 5.4 6.3 9.5#
80 7.0 7.0 10.6#



#67
4-Bromophenyl-phenylether
Concen: 4.20 ng
RT: 16.230 min Scan# 2194
Delta R.T. -0.451 min
Lab File: BG048441.D
Acq: 22 Mar 2021 12:19

Tgt Ion:248 Resp: 19343
Ion Ratio Lower Upper
248 100
250 202.4 78.9 118.3#
141 509.8 46.2 69.4#

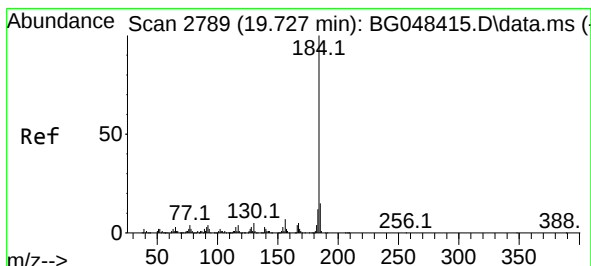
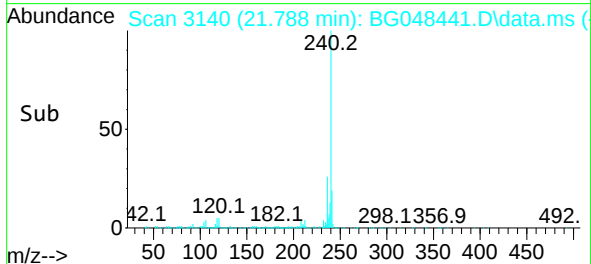
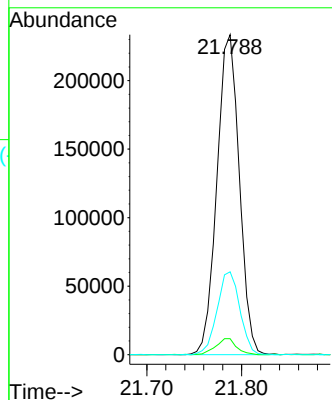
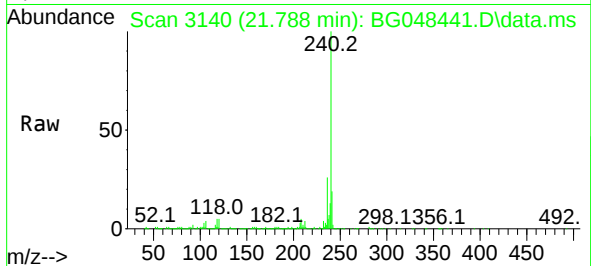




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.788 min Scan# 3140
Delta R.T. -0.005 min
Lab File: BG048441.D
Acq: 22 Mar 2021 12:19

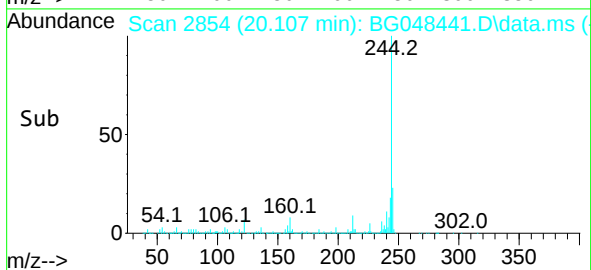
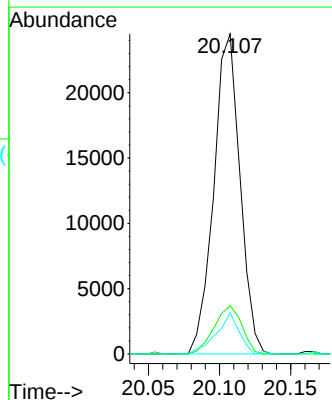
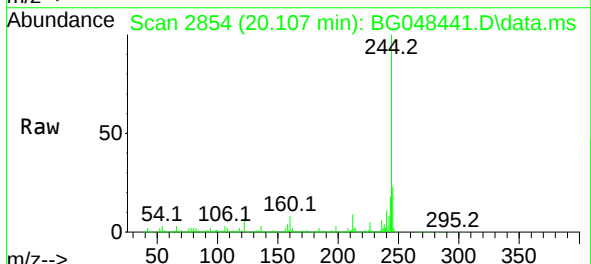
Instrument :
BNA_G
ClientSampleId :
PB135247BL

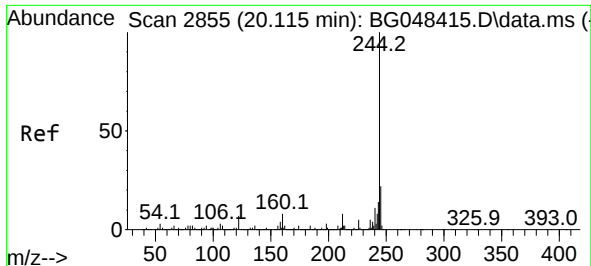
Tgt Ion:240 Resp: 383026
Ion Ratio Lower Upper
240 100
120 5.0 6.2 9.4#
236 25.9 20.5 30.7



#77
Benzidine
Concen: 2.74 ng
RT: 20.107 min Scan# 2854
Delta R.T. 0.383 min
Lab File: BG048441.D
Acq: 22 Mar 2021 12:19

Tgt Ion:184 Resp: 31391
Ion Ratio Lower Upper
184 100
185 15.1 12.4 18.6
183 12.9 10.6 15.8

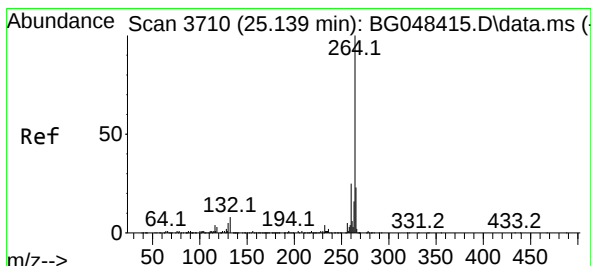
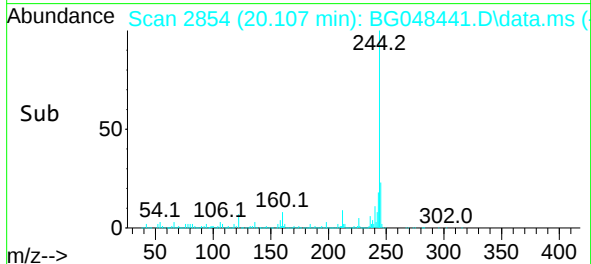
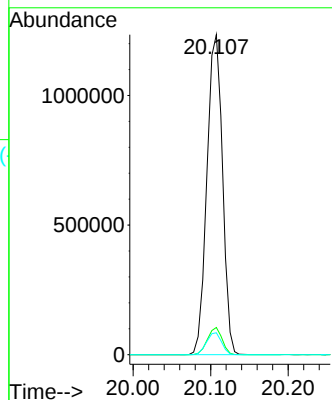
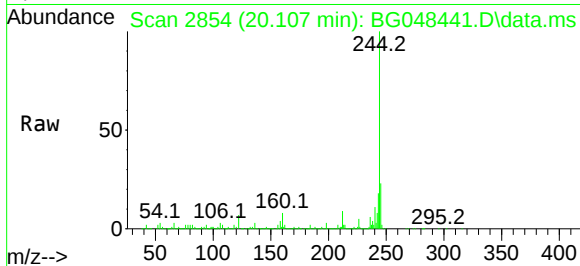




#79
 Terphenyl-d14
 Concen: 81.18 ng
 RT: 20.107 min Scan# 2854
 Delta R.T. 0.001 min
 Lab File: BG048441.D
 Acq: 22 Mar 2021 12:19

Instrument :
 BNA_G
 ClientSampleId :
 PB135247BL

Tgt Ion:244 Resp: 1724177
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.7 10.1
 122 6.9 7.8 11.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.113 min Scan# 3706
 Delta R.T. -0.011 min
 Lab File: BG048441.D
 Acq: 22 Mar 2021 12:19

Tgt Ion:264 Resp: 377382
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.8 28.2
 265 22.6 17.8 26.8

