

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032221\
 Data File : BG048452.D
 Acq On : 22 Mar 2021 21:15
 Operator : CG/JU
 Sample : PB135234BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB135234BL

Quant Time: Mar 23 00:47:34 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)

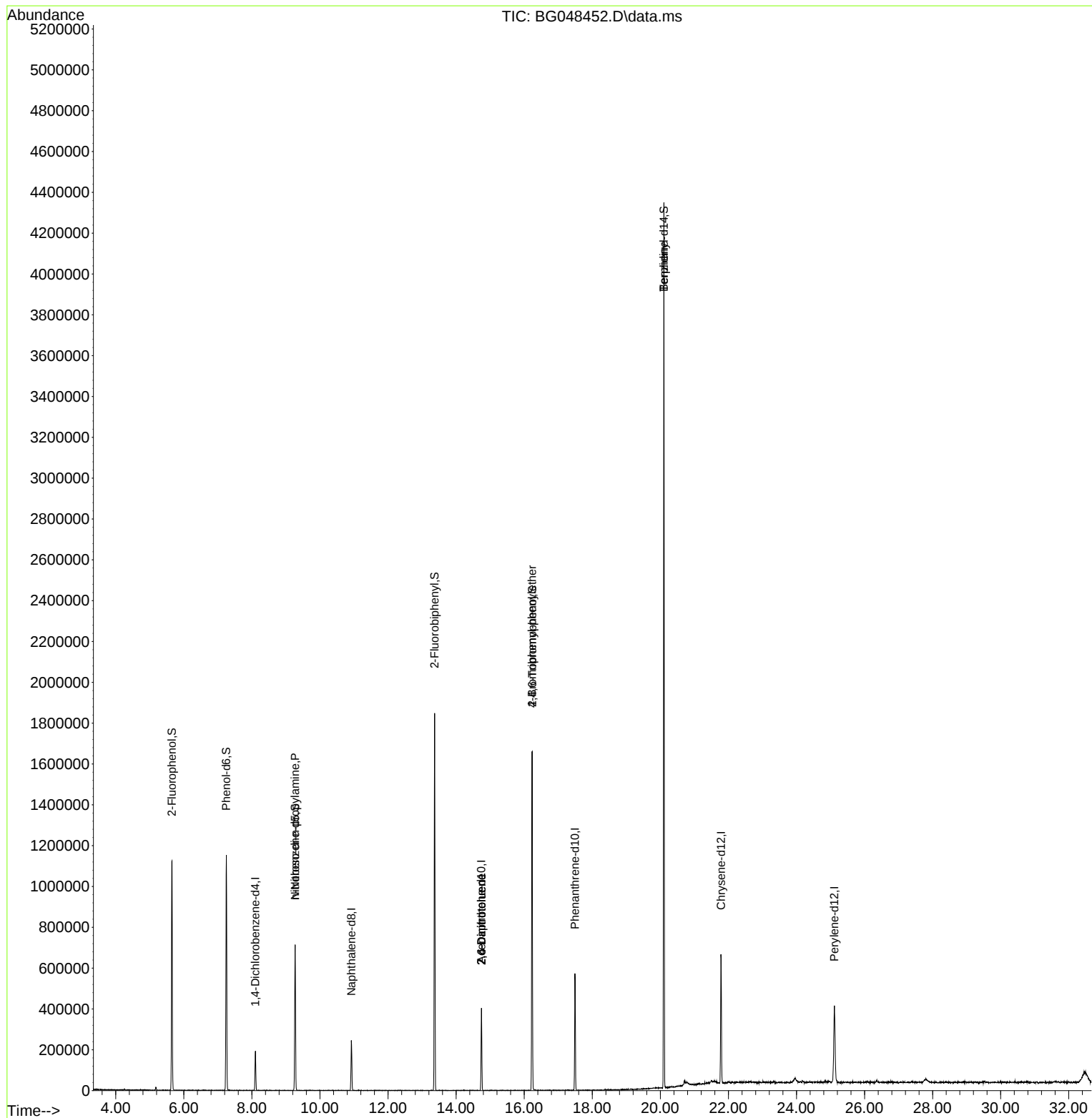
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.102	152	51904	20.00	ng	0.00
21) Naphthalene-d8	10.922	136	191708	20.00	ng	0.00
39) Acenaphthene-d10	14.741	164	145522	20.00	ng	0.00
64) Phenanthrene-d10	17.491	188	368669	20.00	ng	# 0.00
76) Chrysene-d12	21.780	240	412021	20.00	ng	#-0.01
86) Perylene-d12	25.112	264	405795	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.652	112	438693	139.77	ng	0.00
7) Phenol-d6	7.250	99	573090	125.48	ng	0.00
23) Nitrobenzene-d5	9.271	82	438597	91.48	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	327906	138.55	ng	0.00
45) 2-Fluorobiphenyl	13.367	172	928494	91.79	ng	0.00
79) Terphenyl-d14	20.106	244	1933485	84.63	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.250	77	1634	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.271	70	64325	18.97	ng	# 75
51) 2,6-Dinitrotoluene	14.747	165	18368	7.21	ng	# 36
57) 2,4-Dinitrotoluene	14.747	165	18368	5.07	ng	# 34
67) 4-Bromophenyl-phenylether	16.228	248	22466	4.84	ng	# 1
77) Benzidine	20.106	184	37687	3.05	ng	97

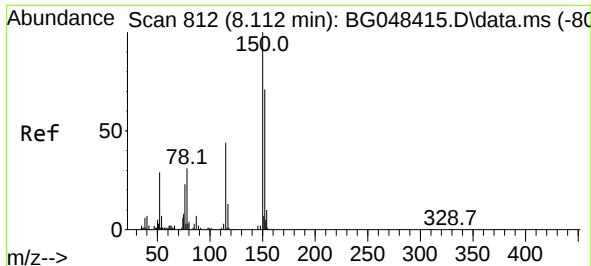
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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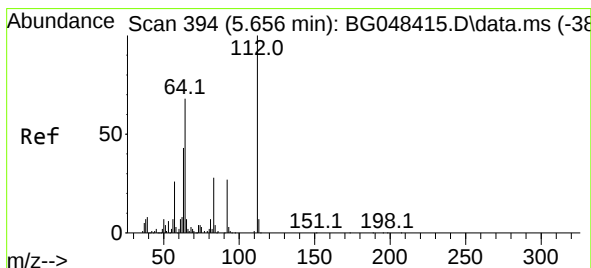
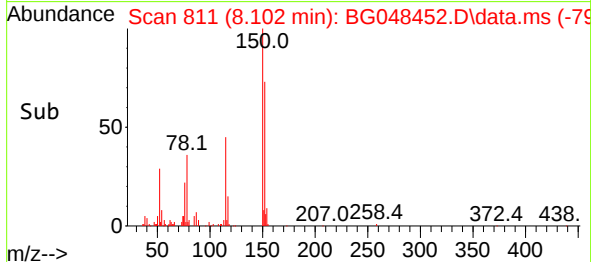
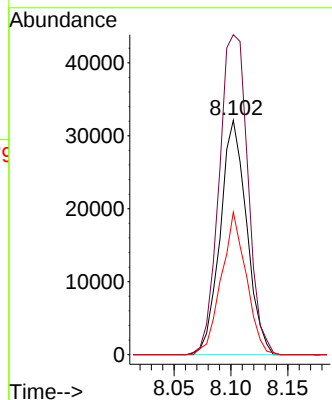
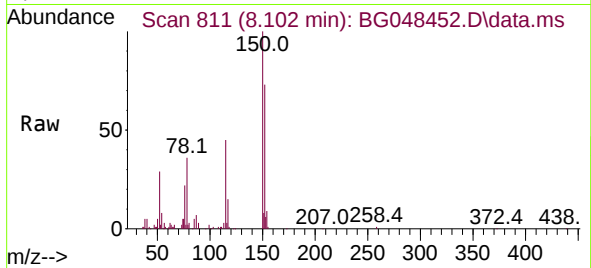




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.102 min Scan# 811
Delta R.T. -0.001 min
Lab File: BG048452.D
Acq: 22 Mar 2021 21:15

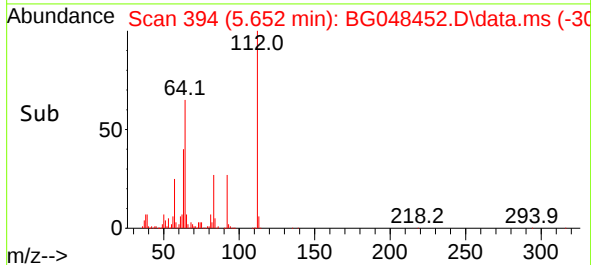
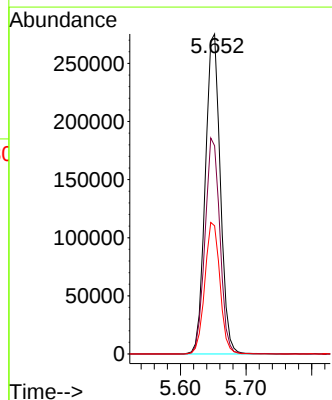
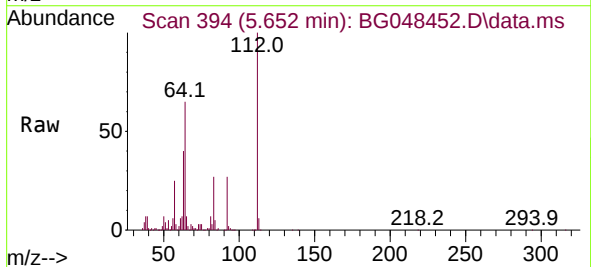
Instrument :
BNA_G
ClientSampleId :
PB135234BL

Tgt Ion:152 Resp: 51904
Ion Ratio Lower Upper
152 100
150 136.5 125.0 187.6
115 60.8 41.8 62.6



#5
2-Fluorophenol
Concen: 139.77 ng
RT: 5.652 min Scan# 394
Delta R.T. 0.005 min
Lab File: BG048452.D
Acq: 22 Mar 2021 21:15

Tgt Ion:112 Resp: 438693
Ion Ratio Lower Upper
112 100
64 65.1 46.7 70.1
63 40.1 22.8 34.2#

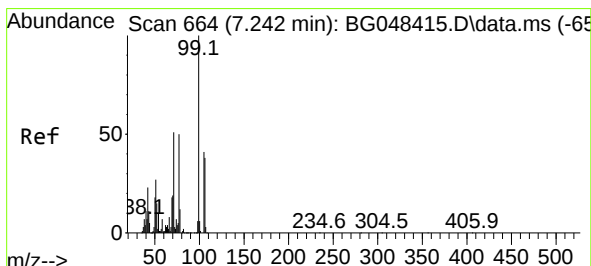
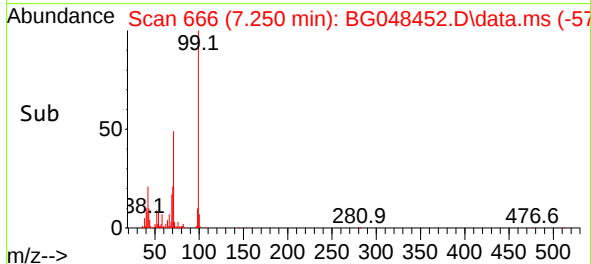
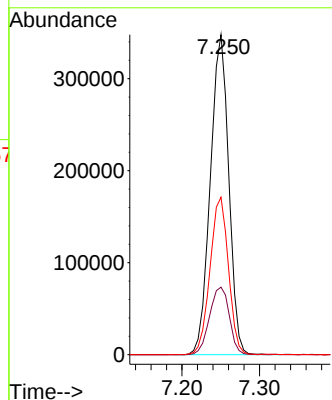
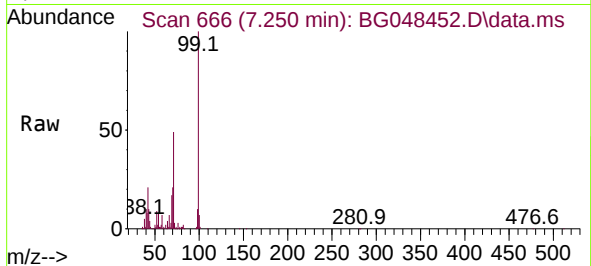




#7
Phenol-d6
Concen: 125.48 ng
RT: 7.250 min Scan# 666
Delta R.T. -0.001 min
Lab File: BG048452.D
Acq: 22 Mar 2021 21:15

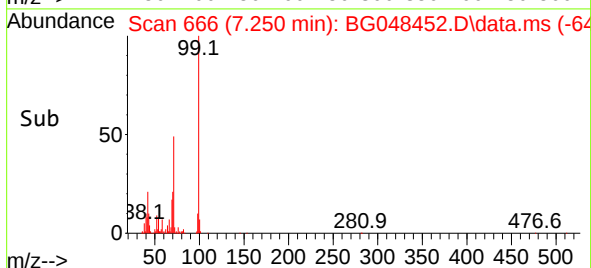
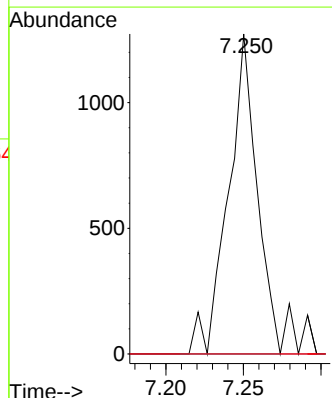
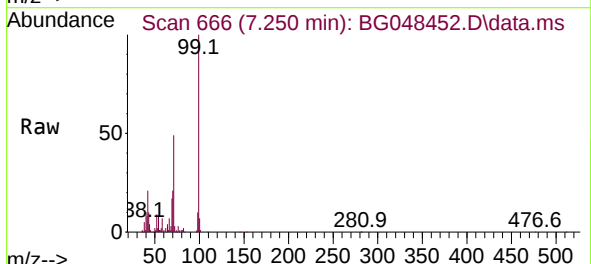
Instrument :
BNA_G
ClientSampleId :
PB135234BL

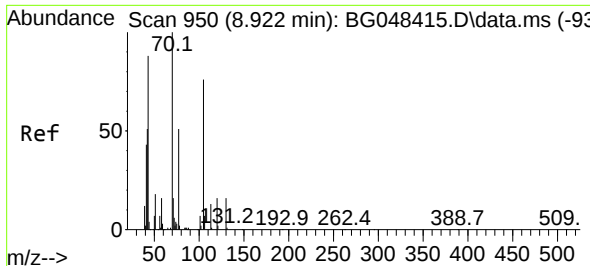
Tgt Ion: 99 Resp: 573090
Ion Ratio Lower Upper
99 100
42 21.1 12.8 19.2#
71 49.2 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.250 min Scan# 666
Delta R.T. 0.011 min
Lab File: BG048452.D
Acq: 22 Mar 2021 21:15

Tgt Ion: 77 Resp: 1634
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#

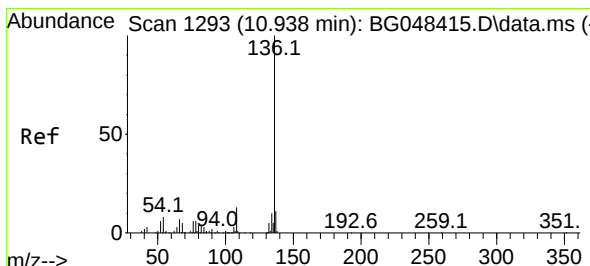
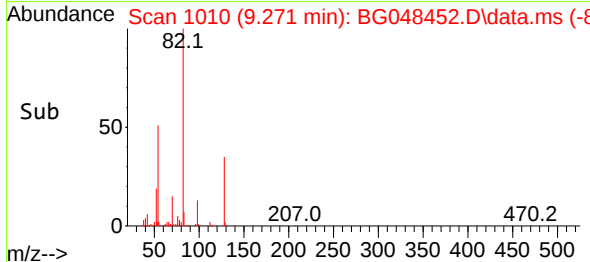
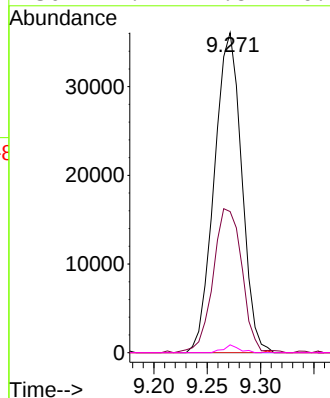
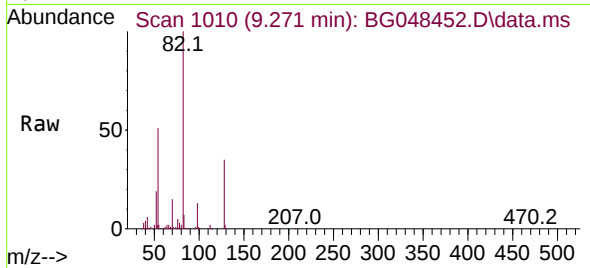




#19
n-Nitroso-di-n-propylamine
Concen: 18.97 ng
RT: 9.271 min Scan# 1010
Delta R.T. 0.358 min
Lab File: BG048452.D
Acq: 22 Mar 2021 21:15

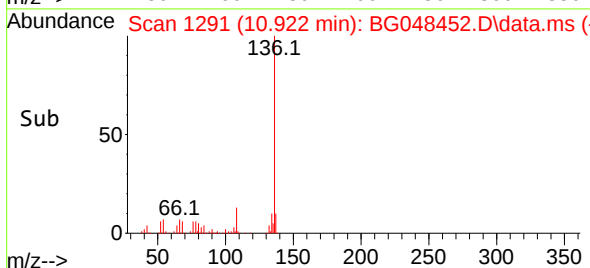
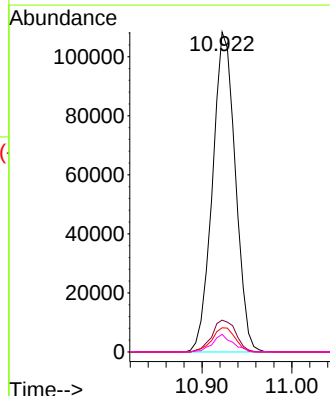
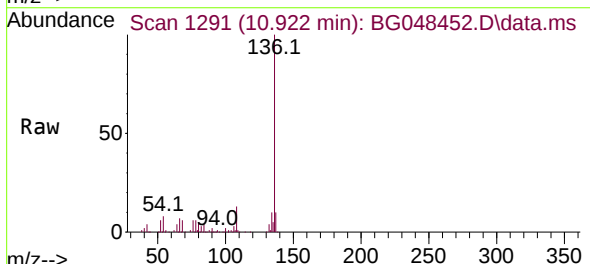
Instrument :
BNA_G
ClientSampleId :
PB135234BL

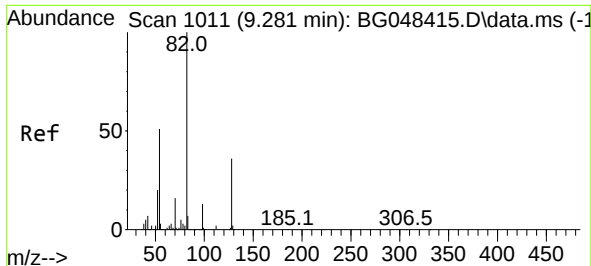
Tgt Ion: 70	Resp: 64325
Ion Ratio	Lower Upper
70 100	
42 44.1	45.6 68.4#
101 0.0	8.4 12.6#
130 2.4	17.8 26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.922 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BG048452.D
Acq: 22 Mar 2021 21:15

Tgt Ion: 136	Resp: 191708
Ion Ratio	Lower Upper
136 100	
137 10.0	9.1 13.7
54 7.6	6.2 9.4
68 5.5	5.0 7.4

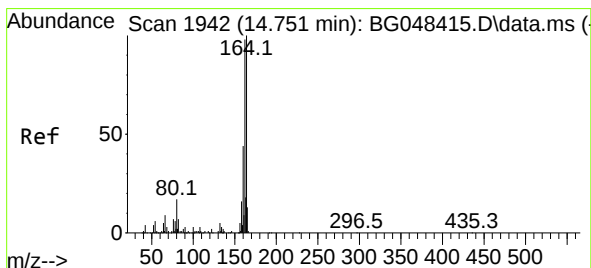
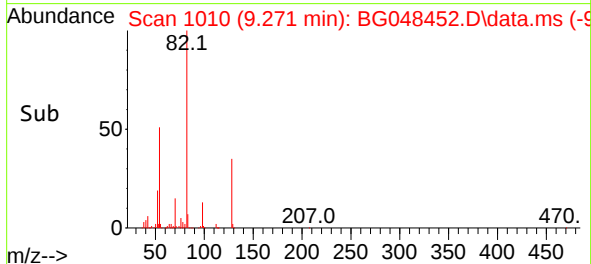
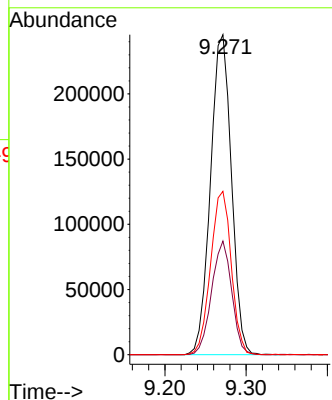
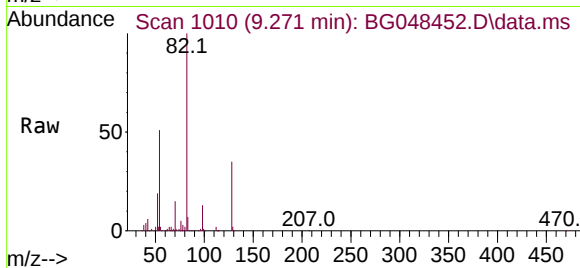




#23
Nitrobenzene-d5
Concen: 91.48 ng
RT: 9.271 min Scan# 1010
Delta R.T. -0.001 min
Lab File: BG048452.D
Acq: 22 Mar 2021 21:15

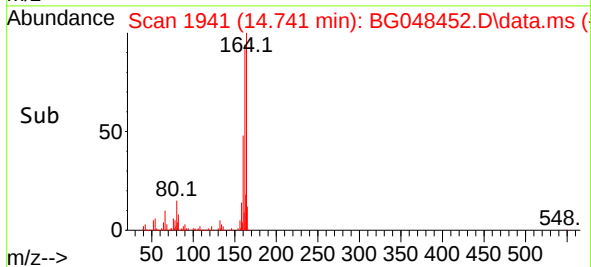
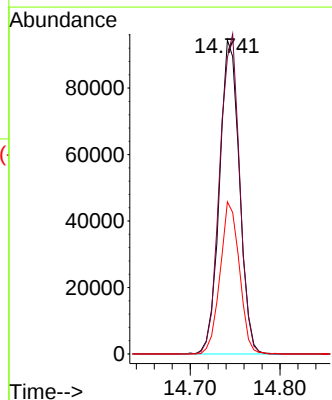
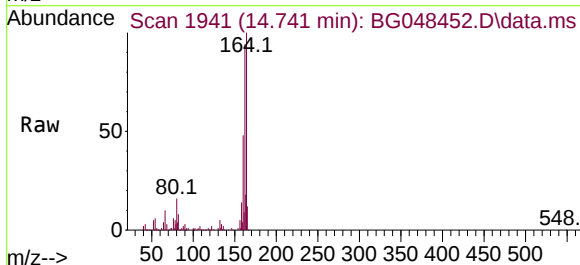
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ClientSampleId :
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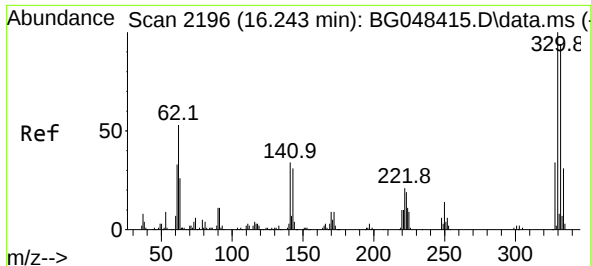
Tgt Ion: 82 Resp: 438597
Ion Ratio Lower Upper
82 100
128 35.5 37.0 55.6#
54 51.0 39.0 58.4



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.741 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BG048452.D
Acq: 22 Mar 2021 21:15

Tgt Ion: 164 Resp: 145522
Ion Ratio Lower Upper
164 100
162 94.4 82.3 123.5
160 48.5 35.3 52.9

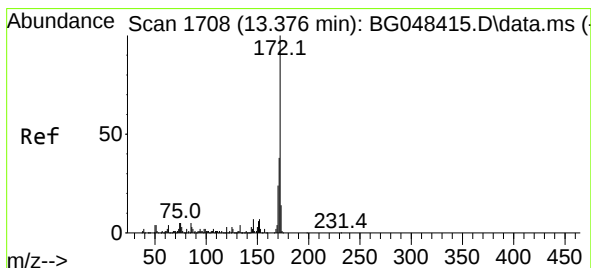
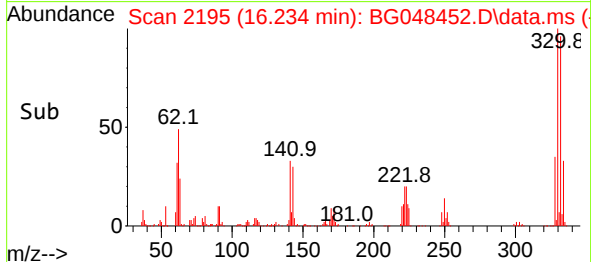
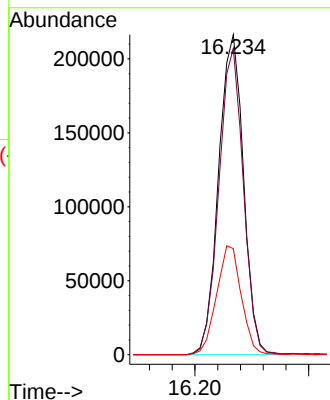
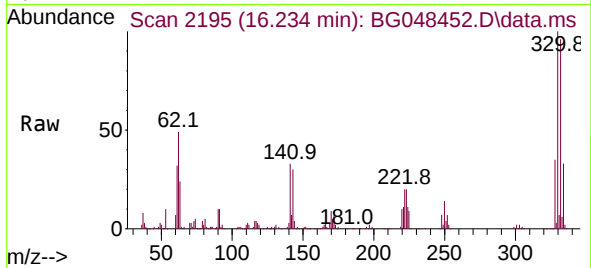




#42
2,4,6-Tribromophenol
Concen: 138.55 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.001 min
Lab File: BG048452.D
Acq: 22 Mar 2021 21:15

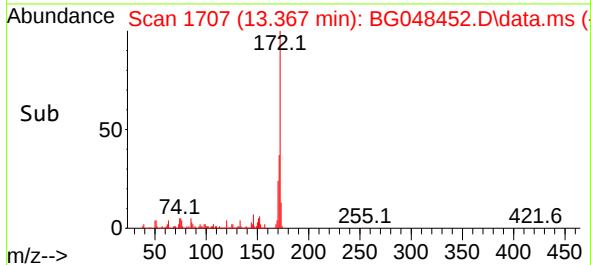
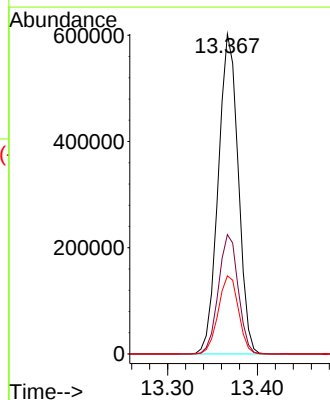
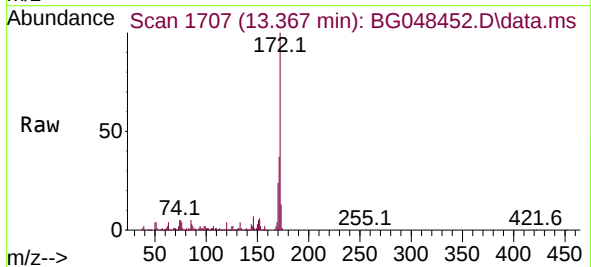
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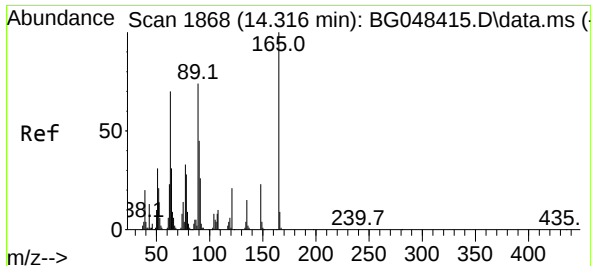
Tgt Ion:330 Resp: 327906
Ion Ratio Lower Upper
330 100
332 94.4 76.5 114.7
141 34.0 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 91.79 ng
RT: 13.367 min Scan# 1707
Delta R.T. -0.001 min
Lab File: BG048452.D
Acq: 22 Mar 2021 21:15

Tgt Ion:172 Resp: 928494
Ion Ratio Lower Upper
172 100
171 37.3 31.3 46.9
170 24.4 20.8 31.2

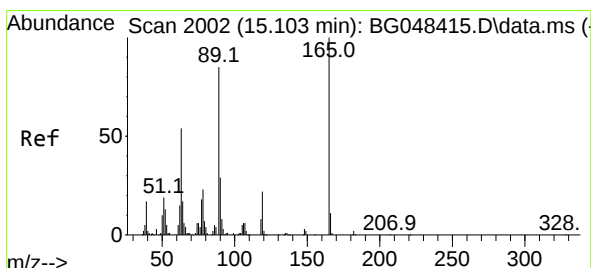
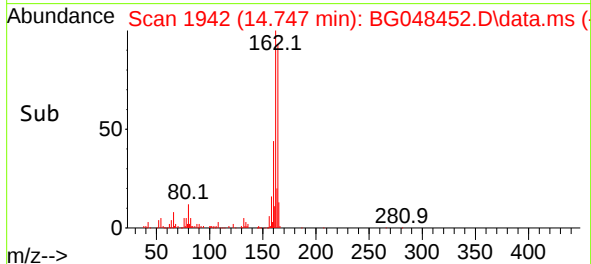
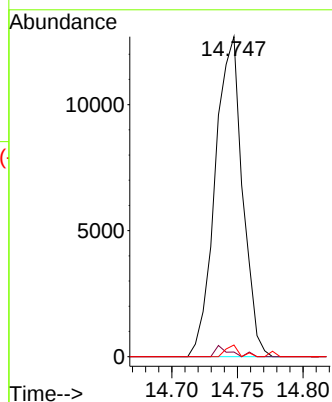
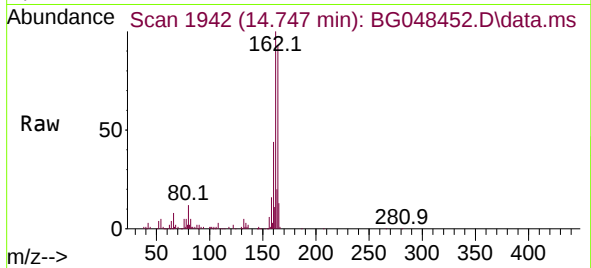




#51
2,6-Dinitrotoluene
Concen: 7.21 ng
RT: 14.747 min Scan# 1942
Delta R.T. 0.434 min
Lab File: BG048452.D
Acq: 22 Mar 2021 21:15

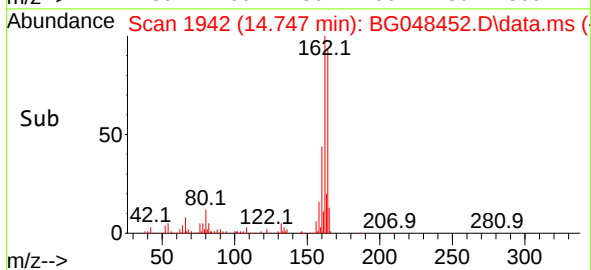
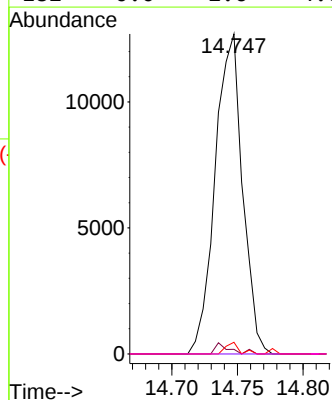
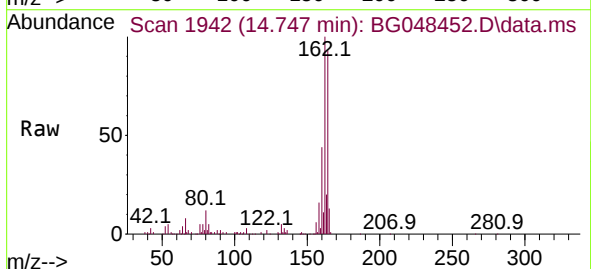
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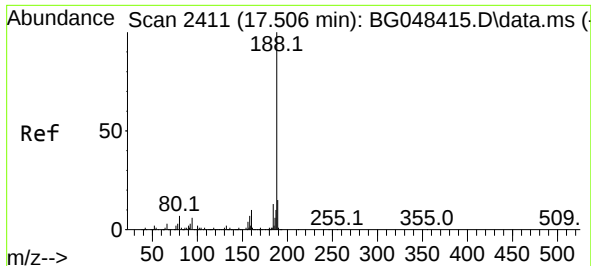
Tgt Ion:165 Resp: 18368
Ion Ratio Lower Upper
165 100
63 1.5 33.7 50.5#
89 3.6 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 5.07 ng
RT: 14.747 min Scan# 1942
Delta R.T. -0.353 min
Lab File: BG048452.D
Acq: 22 Mar 2021 21:15

Tgt Ion:165 Resp: 18368
Ion Ratio Lower Upper
165 100
63 1.5 26.4 39.6#
89 3.6 47.8 71.8#
182 0.0 2.6 4.0#

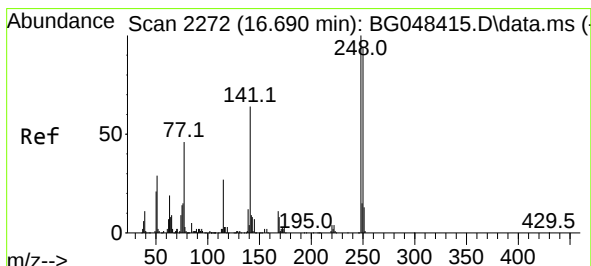
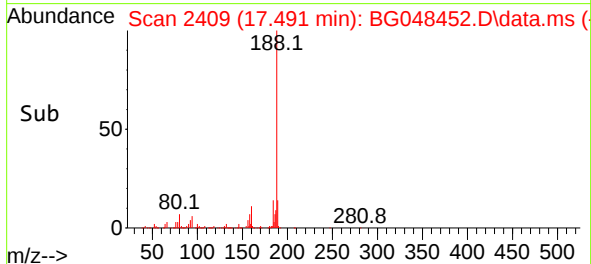
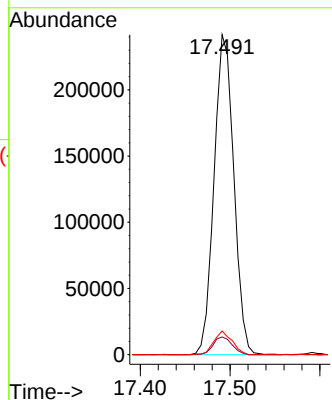
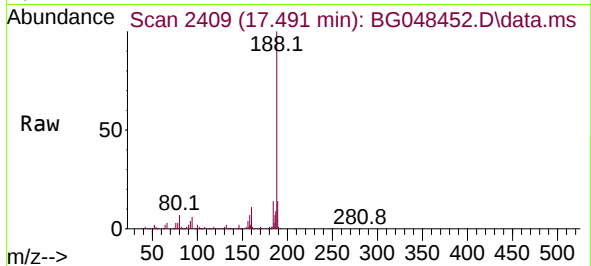




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.491 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BG048452.D
Acq: 22 Mar 2021 21:15

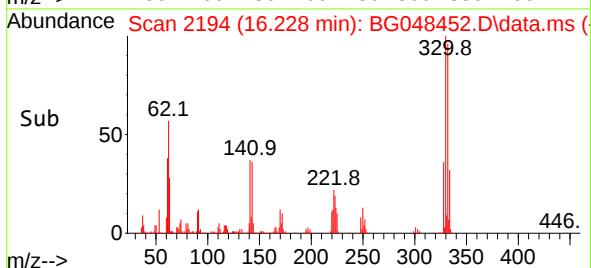
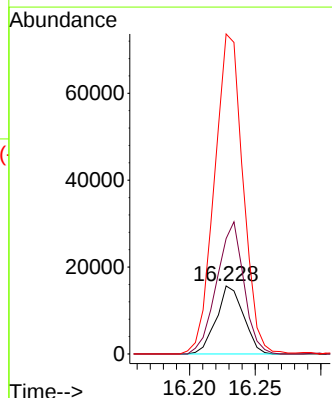
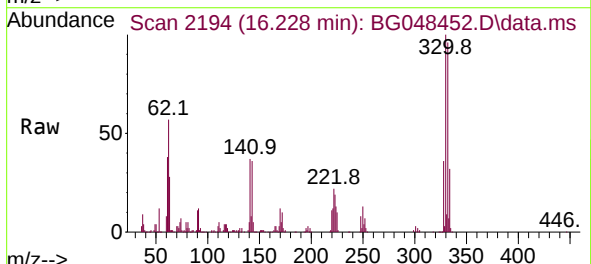
Instrument :
BNA_G
ClientSampleId :
PB135234BL

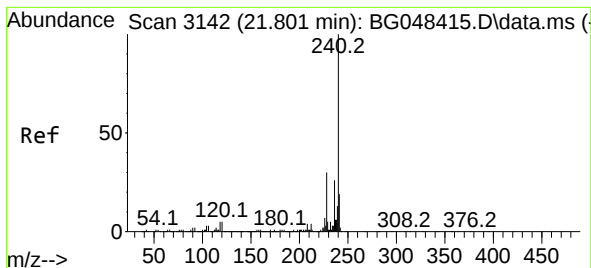
Tgt Ion:188 Resp: 368669
Ion Ratio Lower Upper
188 100
94 5.6 6.3 9.5#
80 7.4 7.0 10.6



#67
4-Bromophenyl-phenylether
Concen: 4.84 ng
RT: 16.228 min Scan# 2194
Delta R.T. -0.453 min
Lab File: BG048452.D
Acq: 22 Mar 2021 21:15

Tgt Ion:248 Resp: 22466
Ion Ratio Lower Upper
248 100
250 169.8 78.9 118.3#
141 471.0 46.2 69.4#

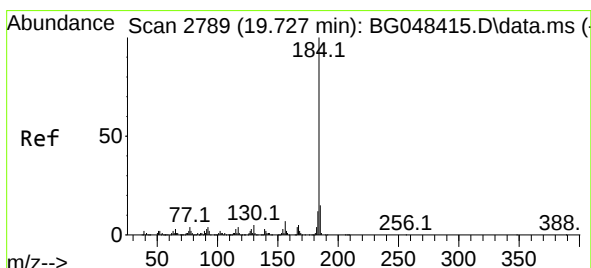
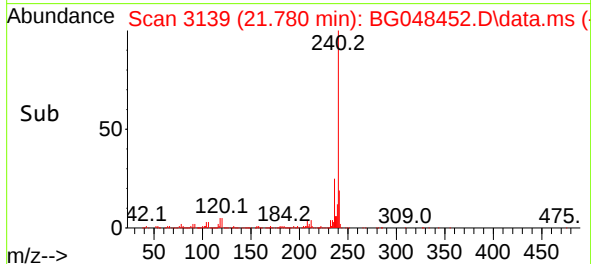
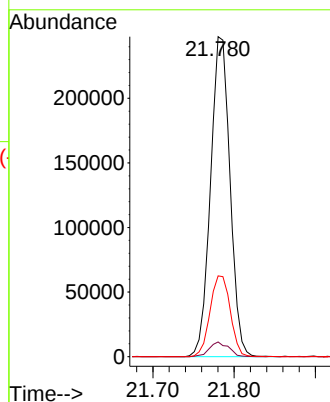
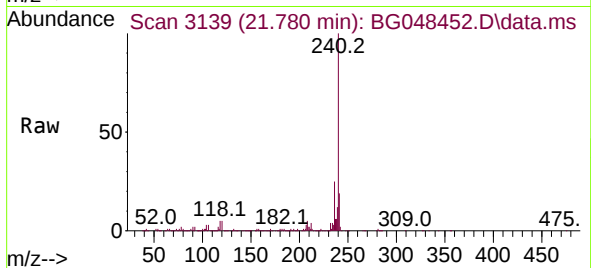




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.780 min Scan# 3139
Delta R.T. -0.012 min
Lab File: BG048452.D
Acq: 22 Mar 2021 21:15

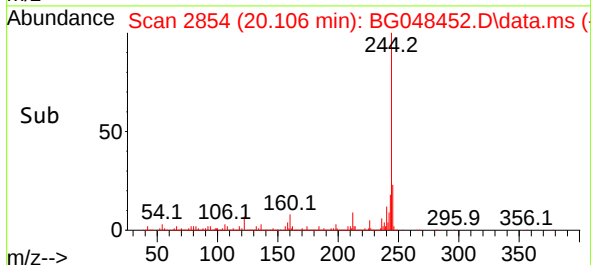
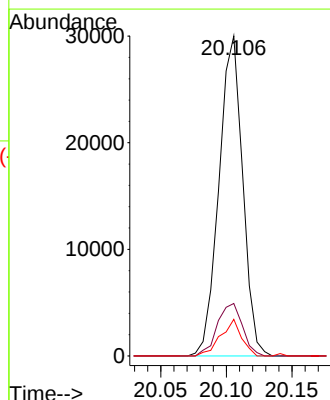
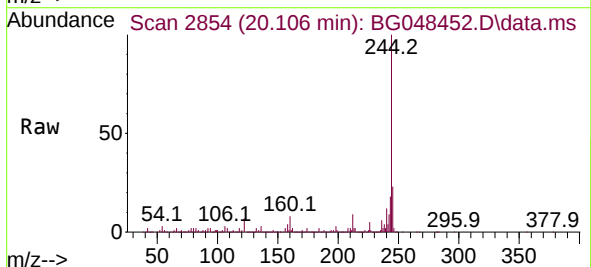
Instrument :
BNA_G
ClientSampleId :
PB135234BL

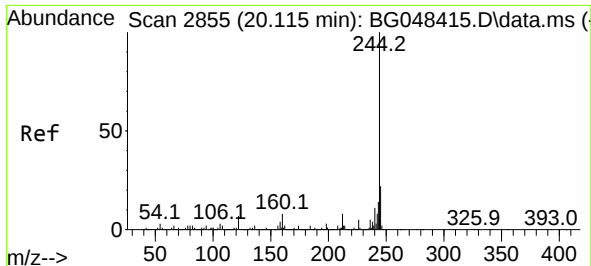
Tgt Ion:240 Resp: 412021
Ion Ratio Lower Upper
240 100
120 4.6 6.2 9.4#
236 25.3 20.5 30.7



#77
Benzidine
Concen: 3.05 ng
RT: 20.106 min Scan# 2854
Delta R.T. 0.381 min
Lab File: BG048452.D
Acq: 22 Mar 2021 21:15

Tgt Ion:184 Resp: 37687
Ion Ratio Lower Upper
184 100
185 16.4 12.4 18.6
183 11.5 10.6 15.8

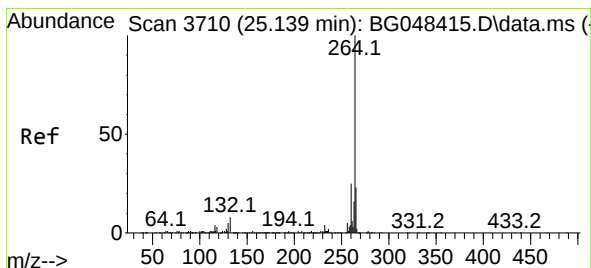
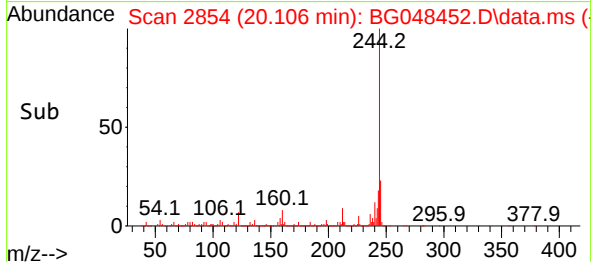
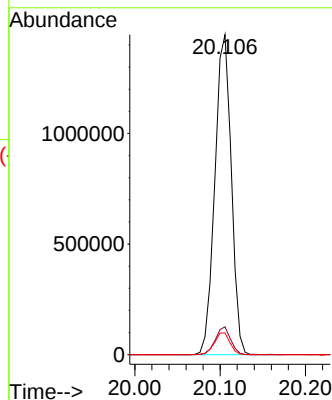
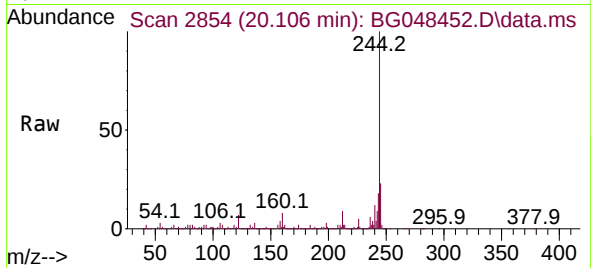




#79
 Terphenyl-d14
 Concen: 84.63 ng
 RT: 20.106 min Scan# 2854
 Delta R.T. -0.001 min
 Lab File: BG048452.D
 Acq: 22 Mar 2021 21:15

Instrument :
 BNA_G
 ClientSampleId :
 PB135234BL

Tgt Ion:244 Resp: 1933485
 Ion Ratio Lower Upper
 244 100
 212 8.7 6.7 10.1
 122 6.8 7.8 11.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.112 min Scan# 3706
 Delta R.T. -0.012 min
 Lab File: BG048452.D
 Acq: 22 Mar 2021 21:15

Tgt Ion:264 Resp: 405795
 Ion Ratio Lower Upper
 264 100
 260 21.8 18.8 28.2
 265 21.7 17.8 26.8

