

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031921\
 Data File : BG048423.D
 Acq On : 19 Mar 2021 14:15
 Operator : CG/JU
 Sample : PB135220BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB135220BL

Quant Time: Mar 19 14:55:21 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 18 16:38:55 2021
 Response via : Initial Calibration

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

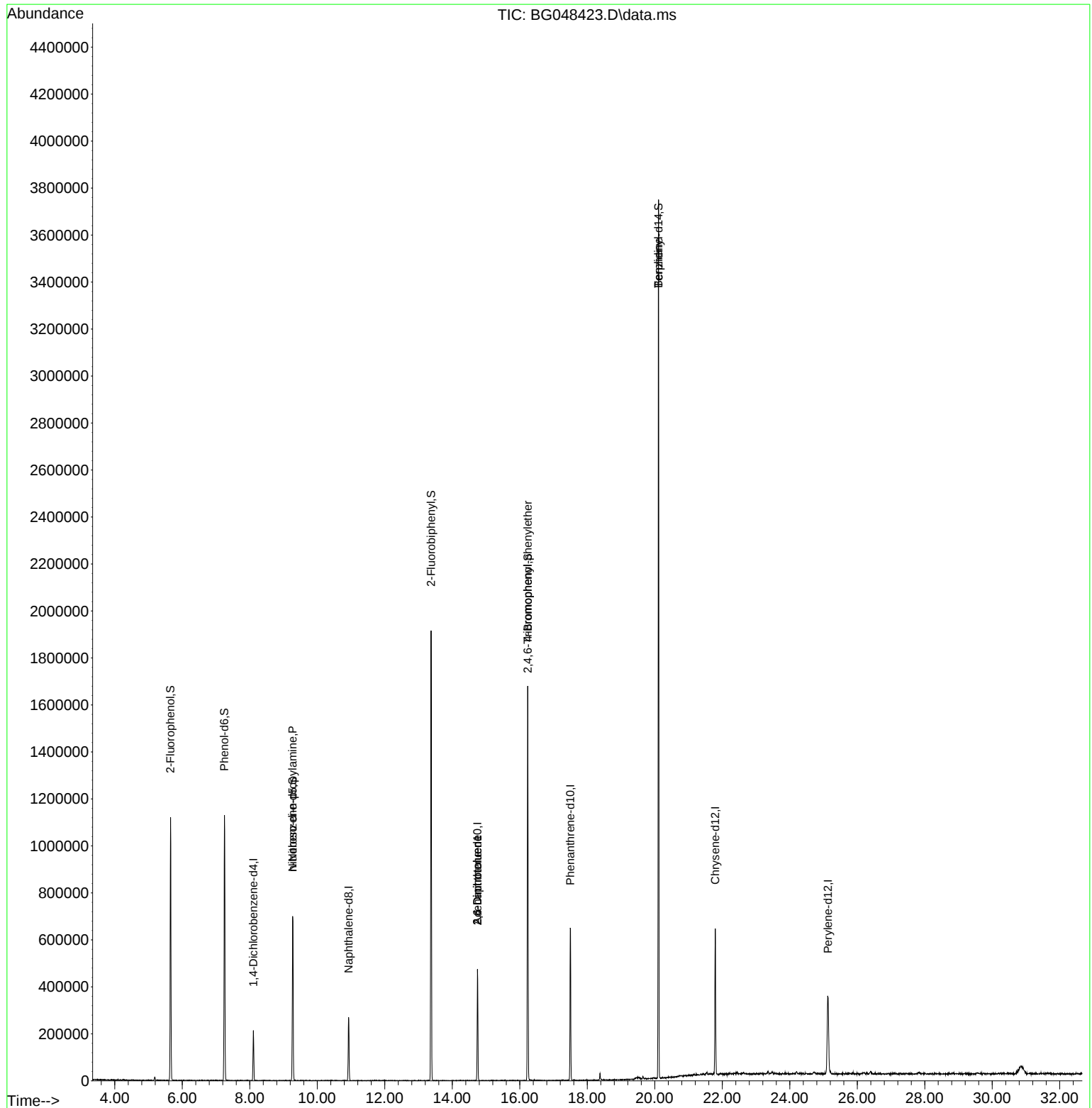
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.108	152	54293	20.00	ng	# 0.00
21) Naphthalene-d8	10.928	136	209974	20.00	ng	0.00
39) Acenaphthene-d10	14.747	164	170782	20.00	ng	0.00
64) Phenanthrene-d10	17.503	188	420546	20.00	ng	# 0.00
76) Chrysene-d12	21.792	240	387706	20.00	ng	# 0.00
86) Perylene-d12	25.129	264	393836	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.652	112	421751	128.46	ng	0.00
7) Phenol-d6	7.250	99	563068	117.86	ng	0.00
23) Nitrobenzene-d5	9.271	82	426196	81.16	ng	0.00
42) 2,4,6-Tribromophenol	16.240	330	314801	113.34	ng	0.00
45) 2-Fluorobiphenyl	13.372	172	928384	78.20	ng	0.00
79) Terphenyl-d14	20.112	244	1712045	79.64	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.256	77	1546	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.271	70	63090	17.79	ng	# 77
51) 2,6-Dinitrotoluene	14.747	165	21960	7.34	ng	# 35
57) 2,4-Dinitrotoluene	14.747	165	21960	5.17	ng	# 33
67) 4-Bromophenyl-phenylether	16.234	248	22113	4.17	ng	# 1
77) Benzidine	20.112	184	32084	2.76	ng	# 95

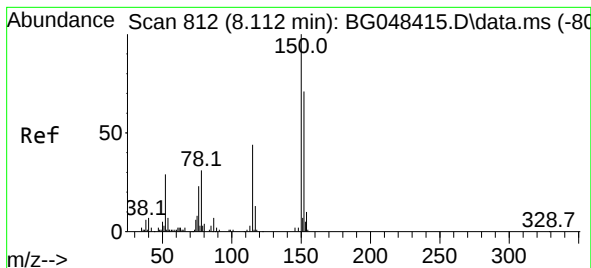
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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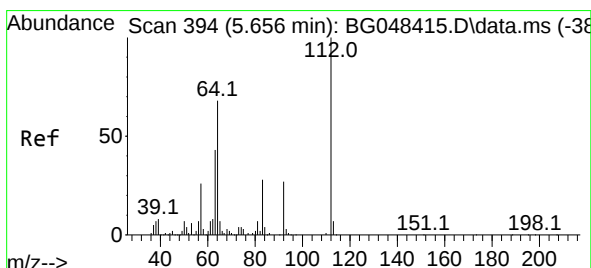
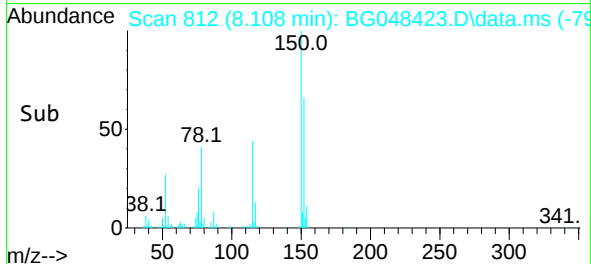
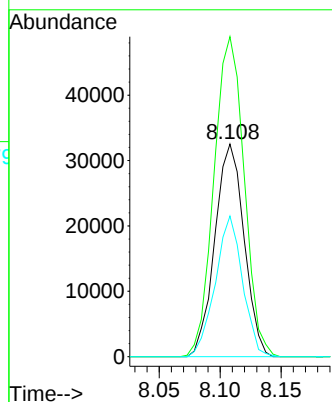
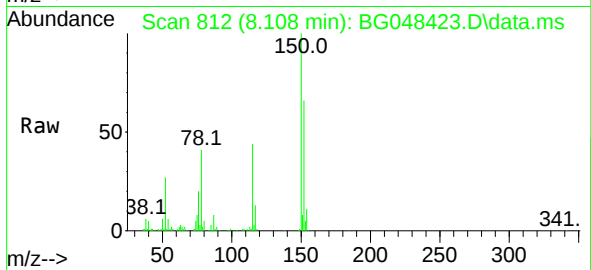




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.108 min Scan# 812
Delta R.T. -0.004 min
Lab File: BG048423.D
Acq: 19 Mar 2021 14:15

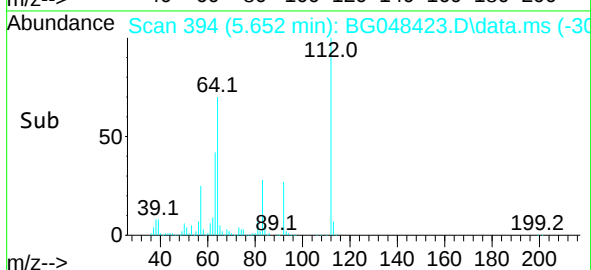
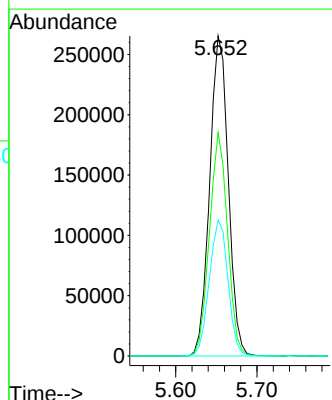
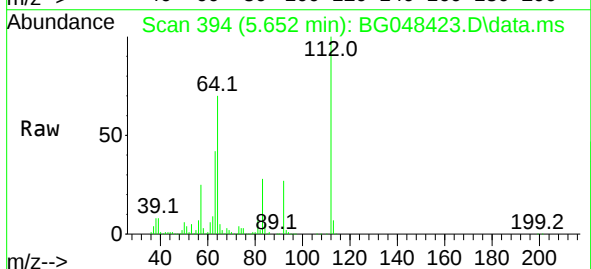
Instrument :
BNA_G
ClientSampleId :
PB135220BL

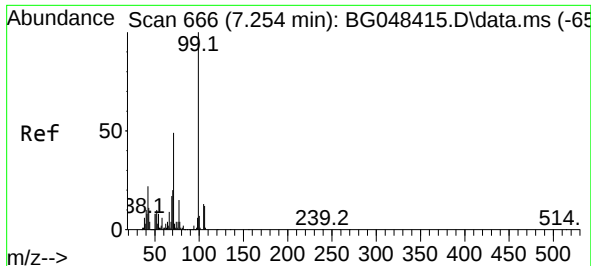
Tgt Ion:152 Resp: 54293
Ion Ratio Lower Upper
152 100
150 150.5 125.0 187.6
115 66.1 41.8 62.6#



#5
2-Fluorophenol
Concen: 128.46 ng
RT: 5.652 min Scan# 394
Delta R.T. -0.004 min
Lab File: BG048423.D
Acq: 19 Mar 2021 14:15

Tgt Ion:112 Resp: 421751
Ion Ratio Lower Upper
112 100
64 69.8 46.7 70.1
63 42.4 22.8 34.2#

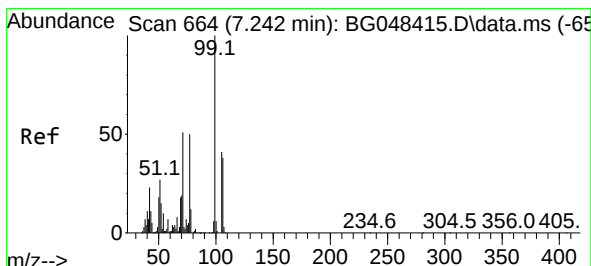
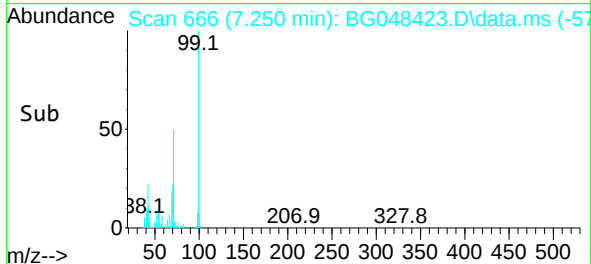
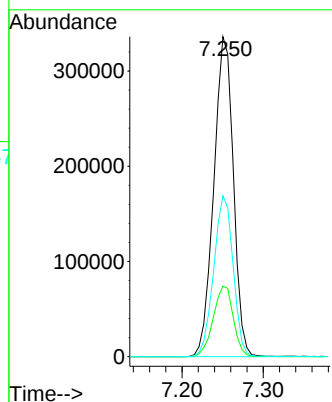
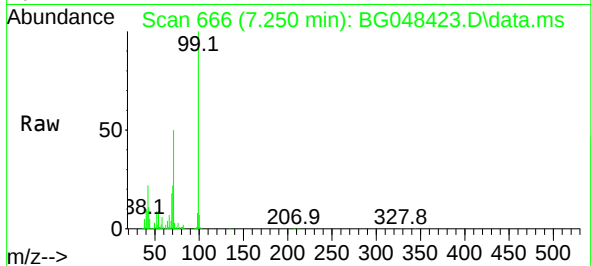




#7
Phenol-d6
Concen: 117.86 ng
RT: 7.250 min Scan# 666
Delta R.T. -0.003 min
Lab File: BG048423.D
Acq: 19 Mar 2021 14:15

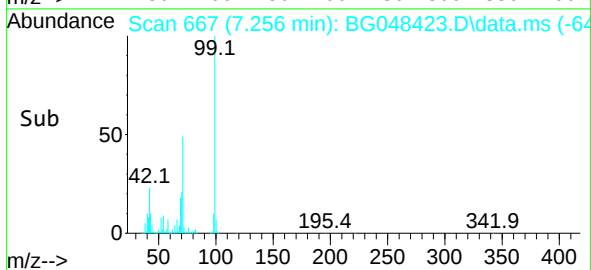
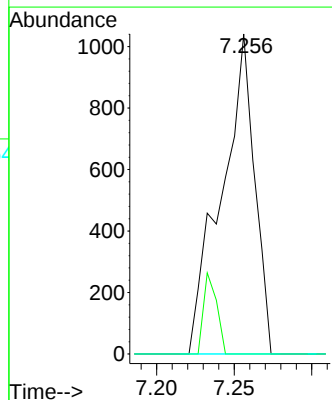
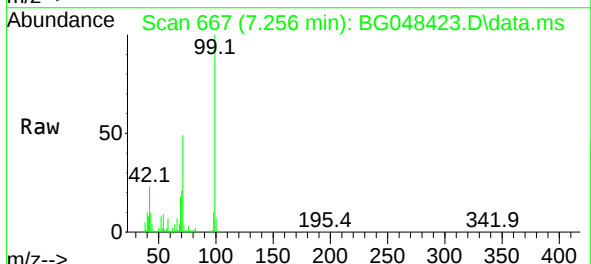
Instrument :
BNA_G
ClientSampleId :
PB135220BL

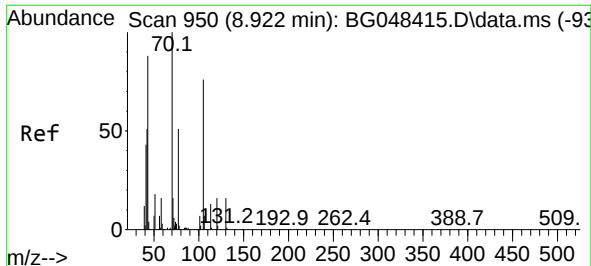
Tgt Ion: 99 Resp: 563068
Ion Ratio Lower Upper
99 100
42 22.0 12.8 19.2#
71 50.3 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.256 min Scan# 667
Delta R.T. 0.014 min
Lab File: BG048423.D
Acq: 19 Mar 2021 14:15

Tgt Ion: 77 Resp: 1546
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#

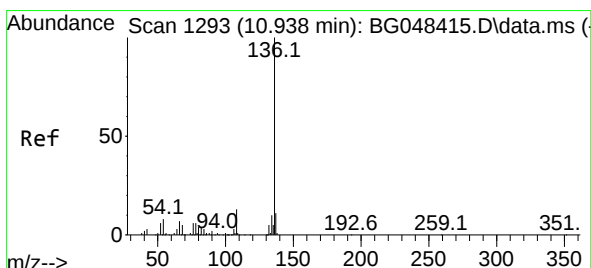
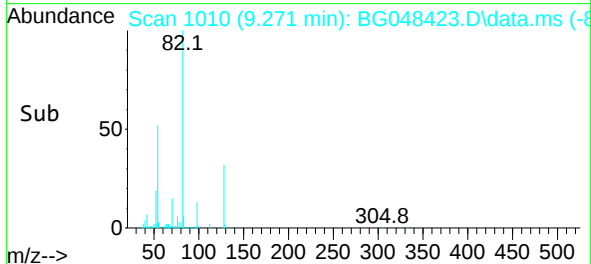
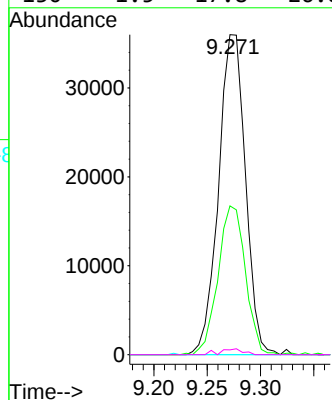
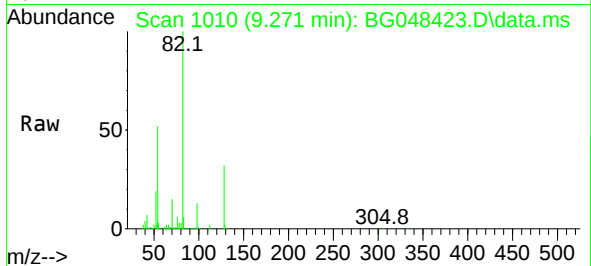




#19
n-Nitroso-di-n-propylamine
Concen: 17.79 ng
RT: 9.271 min Scan# 1010
Delta R.T. 0.349 min
Lab File: BG048423.D
Acq: 19 Mar 2021 14:15

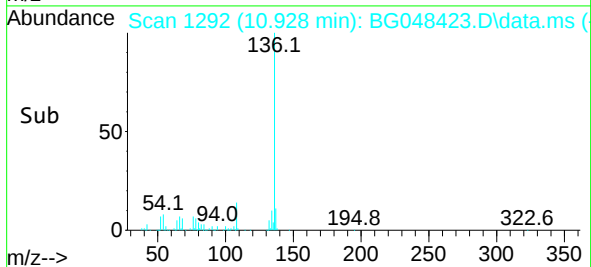
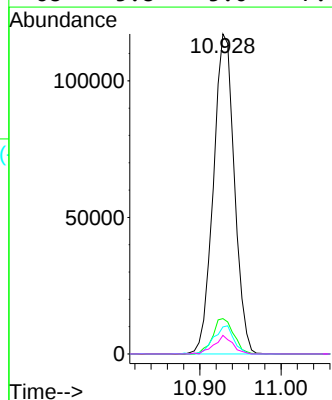
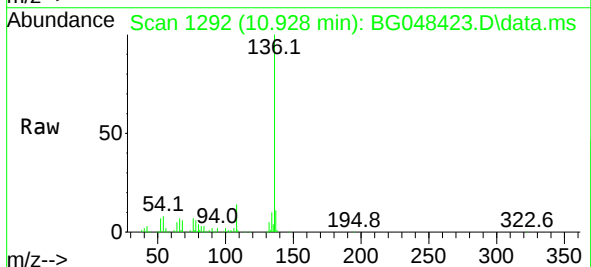
Instrument :
BNA_G
ClientSampleId :
PB135220BL

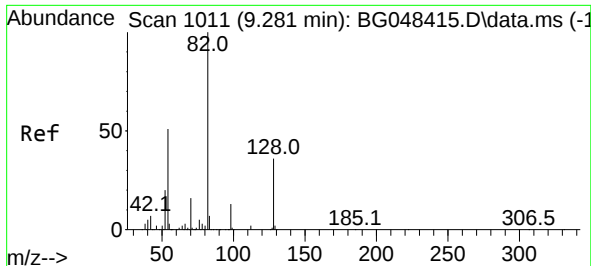
Tgt Ion: 70	Resp: 63090
Ion Ratio	Lower Upper
70 100	
42 46.5	45.6 68.4
101 0.0	8.4 12.6#
130 1.5	17.8 26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.928 min Scan# 1292
Delta R.T. -0.009 min
Lab File: BG048423.D
Acq: 19 Mar 2021 14:15

Tgt Ion: 136	Resp: 209974
Ion Ratio	Lower Upper
136 100	
137 11.1	9.1 13.7
54 8.5	6.2 9.4
68 5.8	5.0 7.4





#23

Nitrobenzene-d5

Concen: 81.16 ng

RT: 9.271 min Scan# 1010

Delta R.T. -0.009 min

Lab File: BG048423.D

Acq: 19 Mar 2021 14:15

Tgt Ion: 82 Resp: 426196

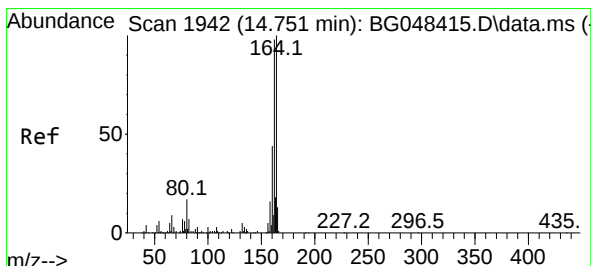
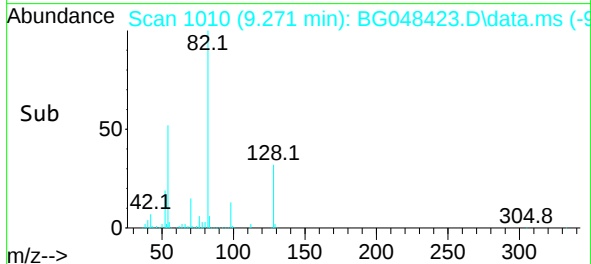
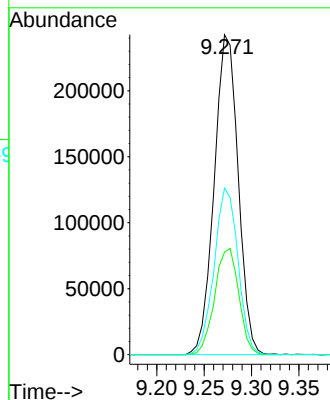
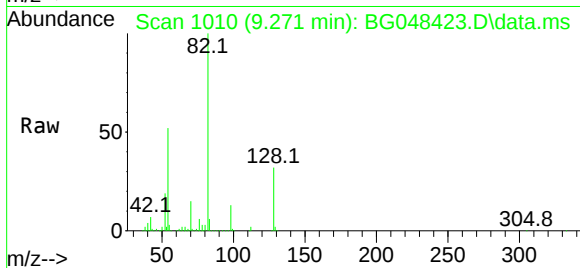
Ion	Ratio	Lower	Upper
82	100		
128	32.0	37.0	55.6#
54	52.0	39.0	58.4

Instrument :

BNA_G

ClientSampleId :

PB135220BL



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.747 min Scan# 1942

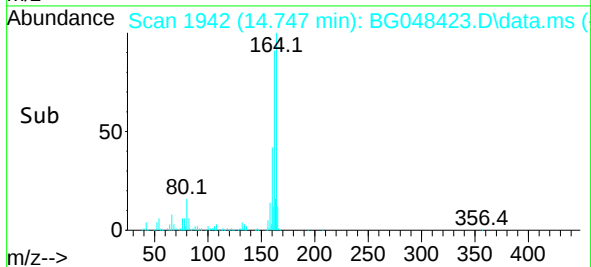
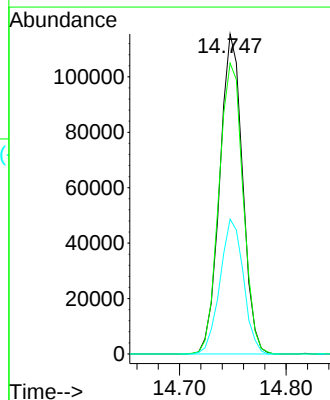
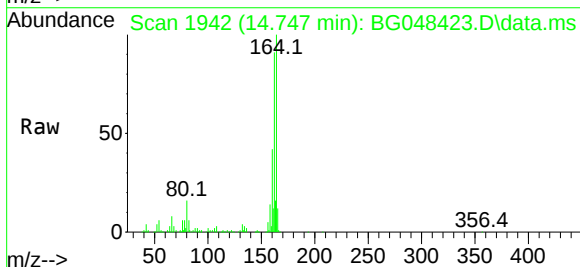
Delta R.T. -0.003 min

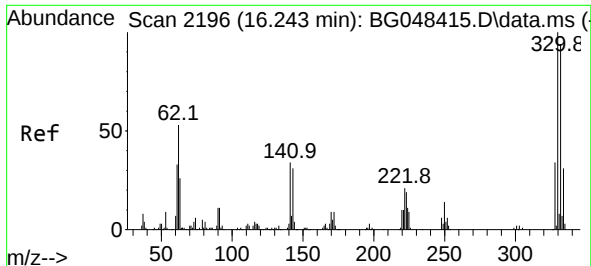
Lab File: BG048423.D

Acq: 19 Mar 2021 14:15

Tgt Ion: 164 Resp: 170782

Ion	Ratio	Lower	Upper
164	100		
162	90.9	82.3	123.5
160	42.2	35.3	52.9

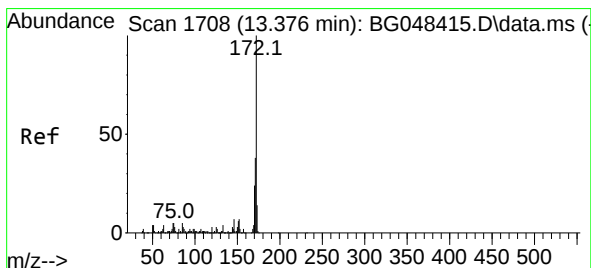
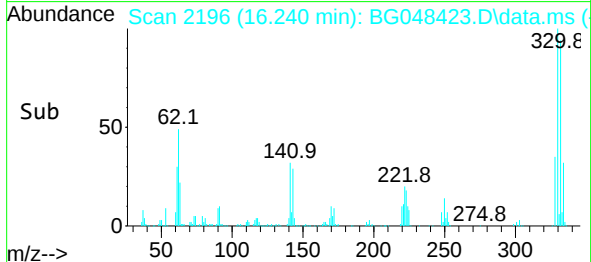
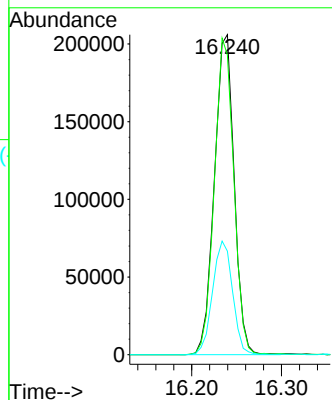
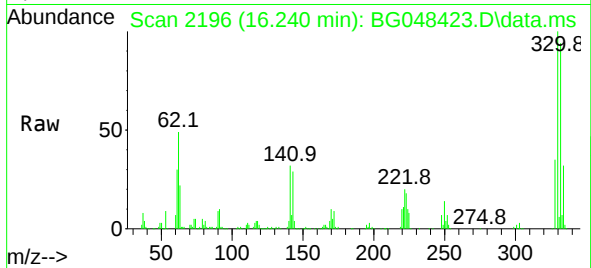




#42
2,4,6-Tribromophenol
Concen: 113.34 ng
RT: 16.240 min Scan# 2196
Delta R.T. -0.003 min
Lab File: BG048423.D
Acq: 19 Mar 2021 14:15

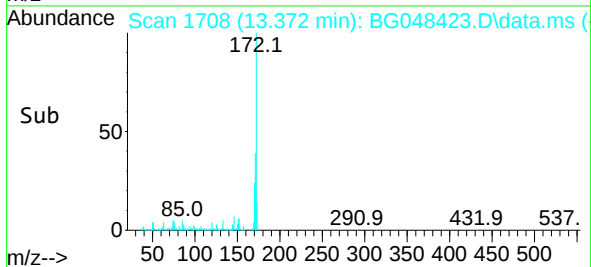
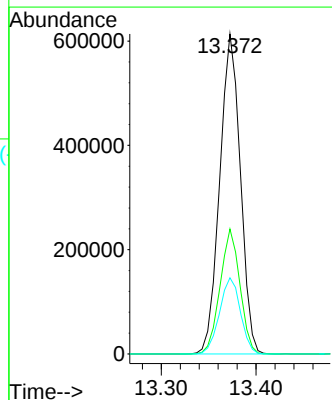
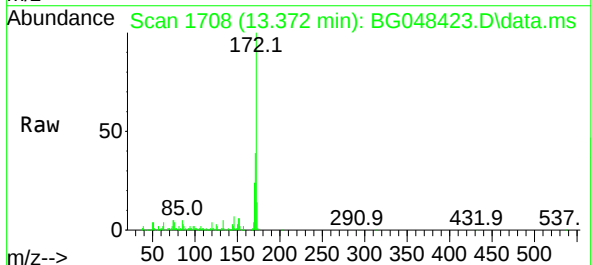
Instrument :
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ClientSampleId :
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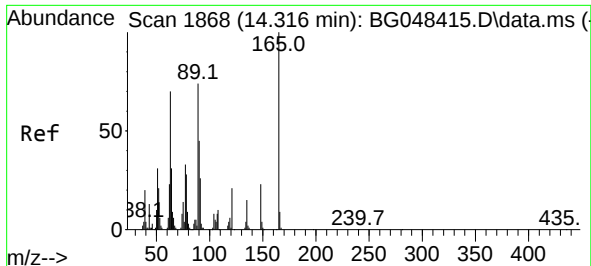
Tgt Ion:330 Resp: 314801
Ion Ratio Lower Upper
330 100
332 97.0 76.5 114.7
141 35.9 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 78.20 ng
RT: 13.372 min Scan# 1708
Delta R.T. -0.004 min
Lab File: BG048423.D
Acq: 19 Mar 2021 14:15

Tgt Ion:172 Resp: 928384
Ion Ratio Lower Upper
172 100
171 39.0 31.3 46.9
170 23.8 20.8 31.2

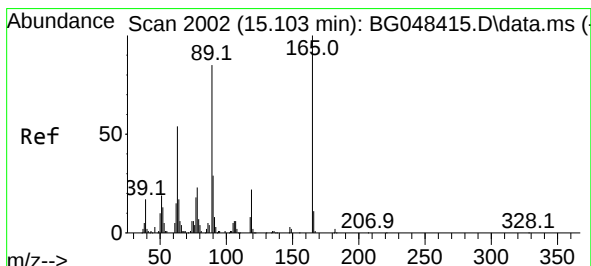
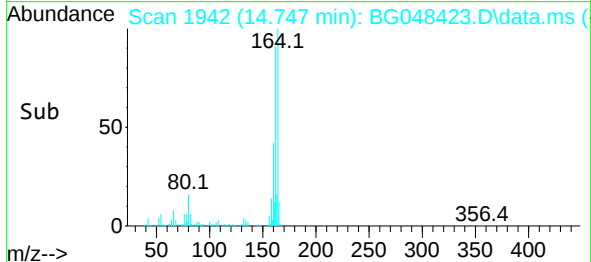
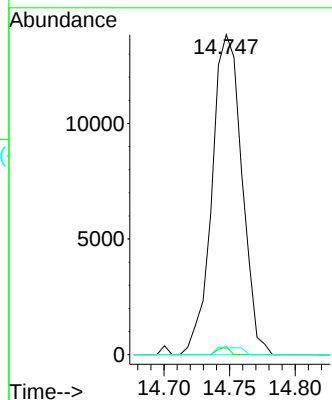
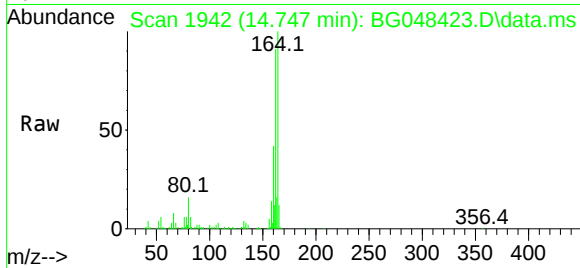




#51
2,6-Dinitrotoluene
Concen: 7.34 ng
RT: 14.747 min Scan# 1942
Delta R.T. 0.431 min
Lab File: BG048423.D
Acq: 19 Mar 2021 14:15

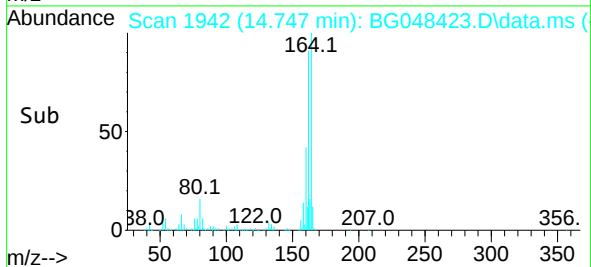
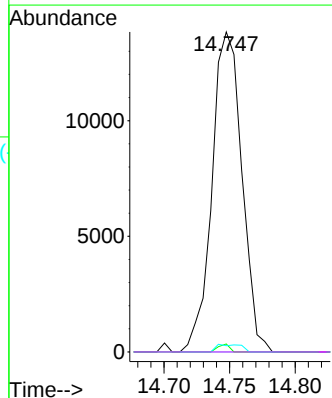
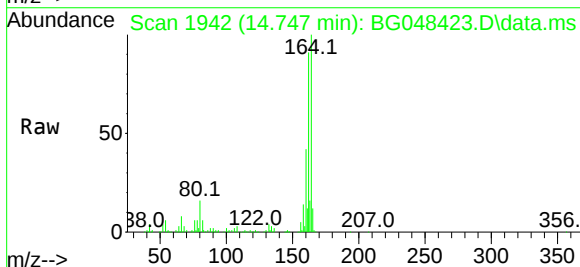
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PB135220BL

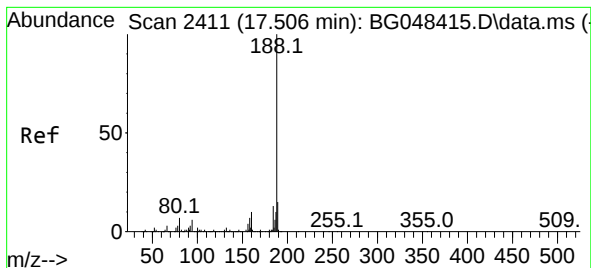
Tgt Ion:165 Resp: 21960
Ion Ratio Lower Upper
165 100
63 2.5 33.7 50.5#
89 2.0 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 5.17 ng
RT: 14.747 min Scan# 1942
Delta R.T. -0.356 min
Lab File: BG048423.D
Acq: 19 Mar 2021 14:15

Tgt Ion:165 Resp: 21960
Ion Ratio Lower Upper
165 100
63 2.5 26.4 39.6#
89 2.0 47.8 71.8#
182 0.0 2.6 4.0#

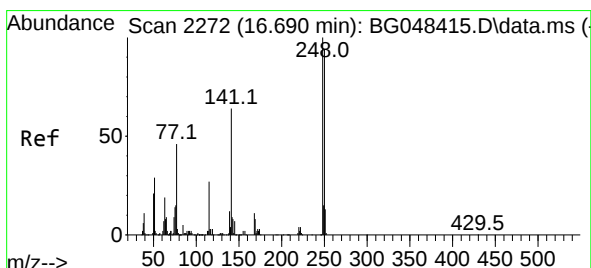
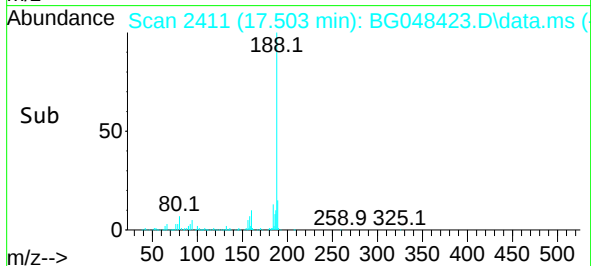
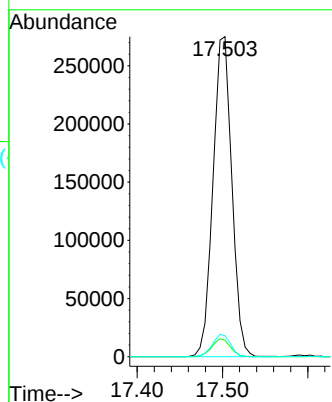
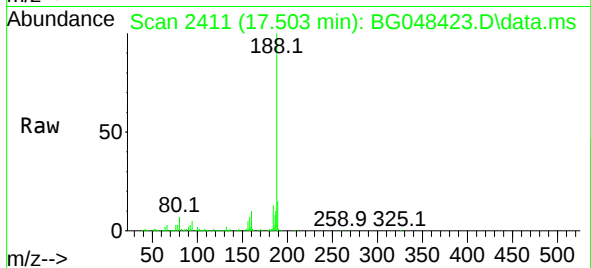




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.503 min Scan# 2411
Delta R.T. -0.003 min
Lab File: BG048423.D
Acq: 19 Mar 2021 14:15

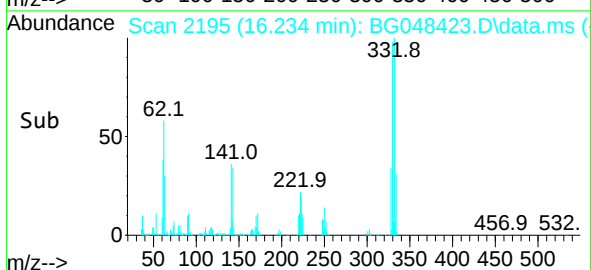
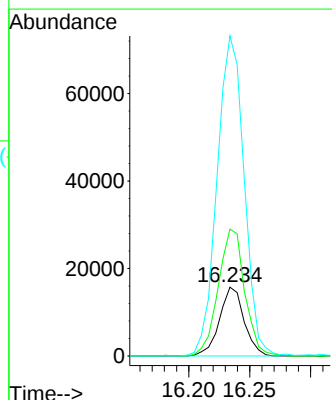
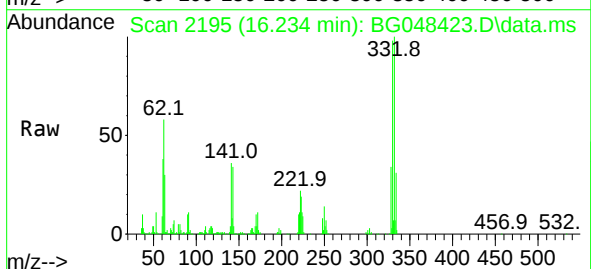
Instrument :
BNA_G
ClientSampleId :
PB135220BL

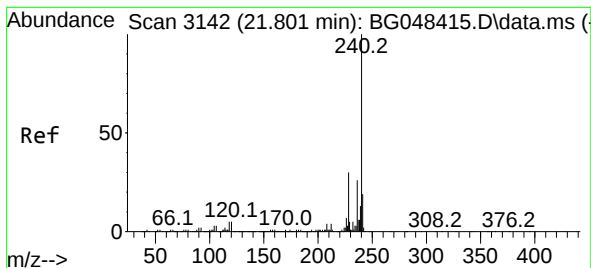
Tgt Ion:188 Resp: 420546
Ion Ratio Lower Upper
188 100
94 5.2 6.3 9.5#
80 6.6 7.0 10.6#



#67
4-Bromophenyl-phenylether
Concen: 4.17 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.456 min
Lab File: BG048423.D
Acq: 19 Mar 2021 14:15

Tgt Ion:248 Resp: 22113
Ion Ratio Lower Upper
248 100
250 184.5 78.9 118.3#
141 465.0 46.2 69.4#

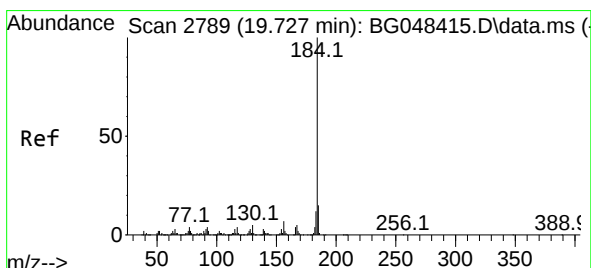
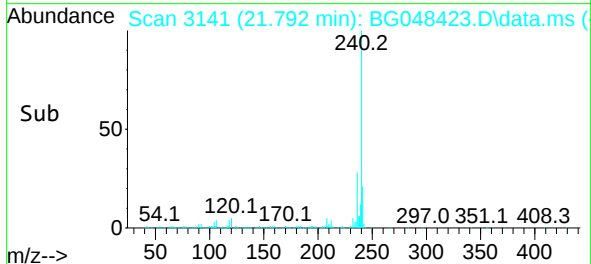
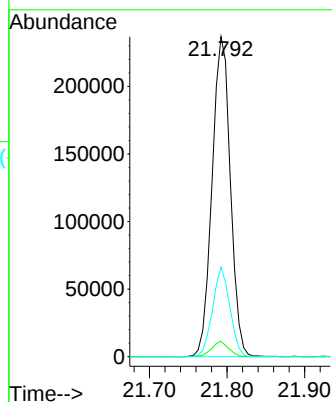
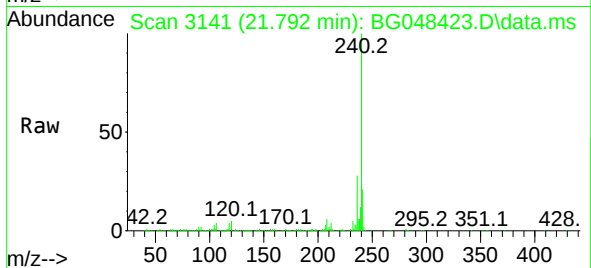




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.792 min Scan# 3141
Delta R.T. -0.009 min
Lab File: BG048423.D
Acq: 19 Mar 2021 14:15

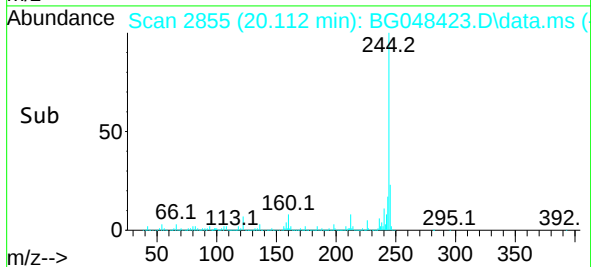
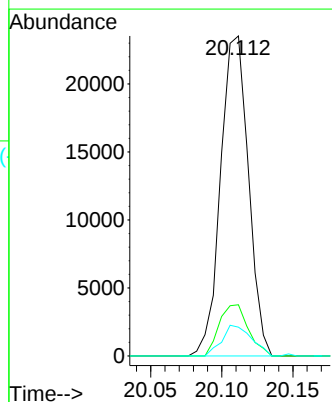
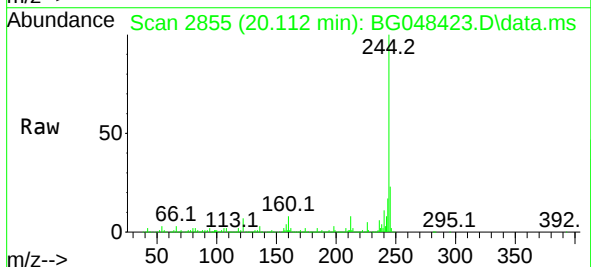
Instrument :
BNA_G
ClientSampleId :
PB135220BL

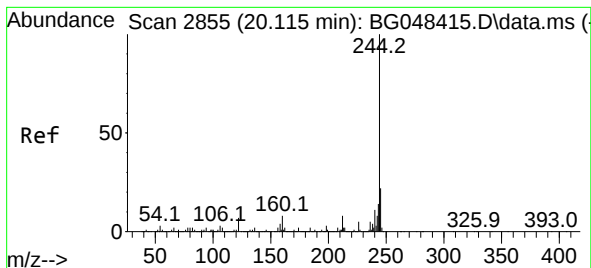
Tgt Ion:240 Resp: 387706
Ion Ratio Lower Upper
240 100
120 4.8 6.2 9.4#
236 28.0 20.5 30.7



#77
Benzidine
Concen: 2.76 ng
RT: 20.112 min Scan# 2855
Delta R.T. 0.384 min
Lab File: BG048423.D
Acq: 19 Mar 2021 14:15

Tgt Ion:184 Resp: 32084
Ion Ratio Lower Upper
184 100
185 16.0 12.4 18.6
183 9.0 10.6 15.8#





#79

Terphenyl-d14

Concen: 79.64 ng

RT: 20.112 min Scan# 2855

Delta R.T. -0.003 min

Lab File: BG048423.D

Acq: 19 Mar 2021 14:15

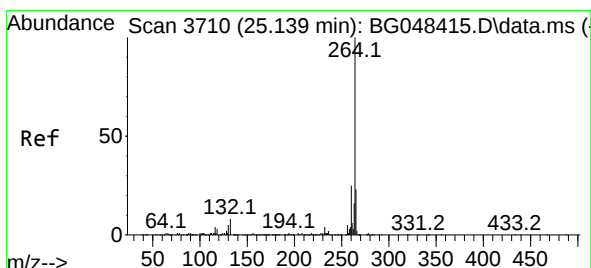
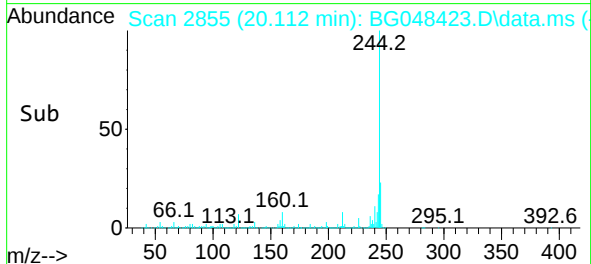
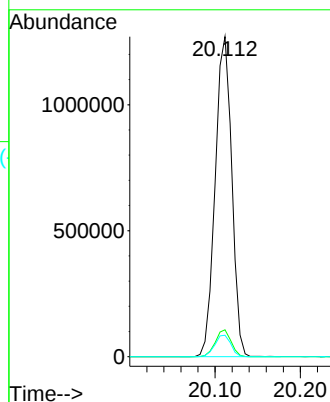
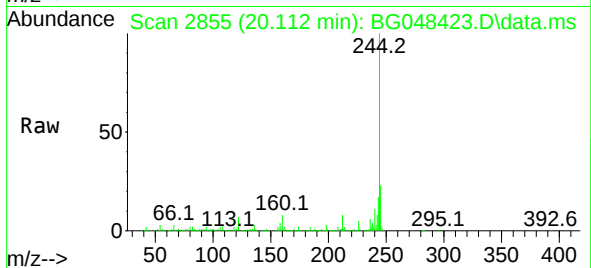
Tgt Ion:244 Resp: 1712045

Ion Ratio Lower Upper

244 100

212 8.4 6.7 10.1

122 6.7 7.8 11.6#



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.129 min Scan# 3709

Delta R.T. -0.009 min

Lab File: BG048423.D

Acq: 19 Mar 2021 14:15

Tgt Ion:264 Resp: 393836

Ion Ratio Lower Upper

264 100

260 22.5 18.8 28.2

265 19.9 17.8 26.8

