

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031821\
 Data File : BG048420.D
 Acq On : 18 Mar 2021 17:14
 Operator : CG/JU
 Sample : PB135194BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB135194BL

Quant Time: Mar 18 17:50:22 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)

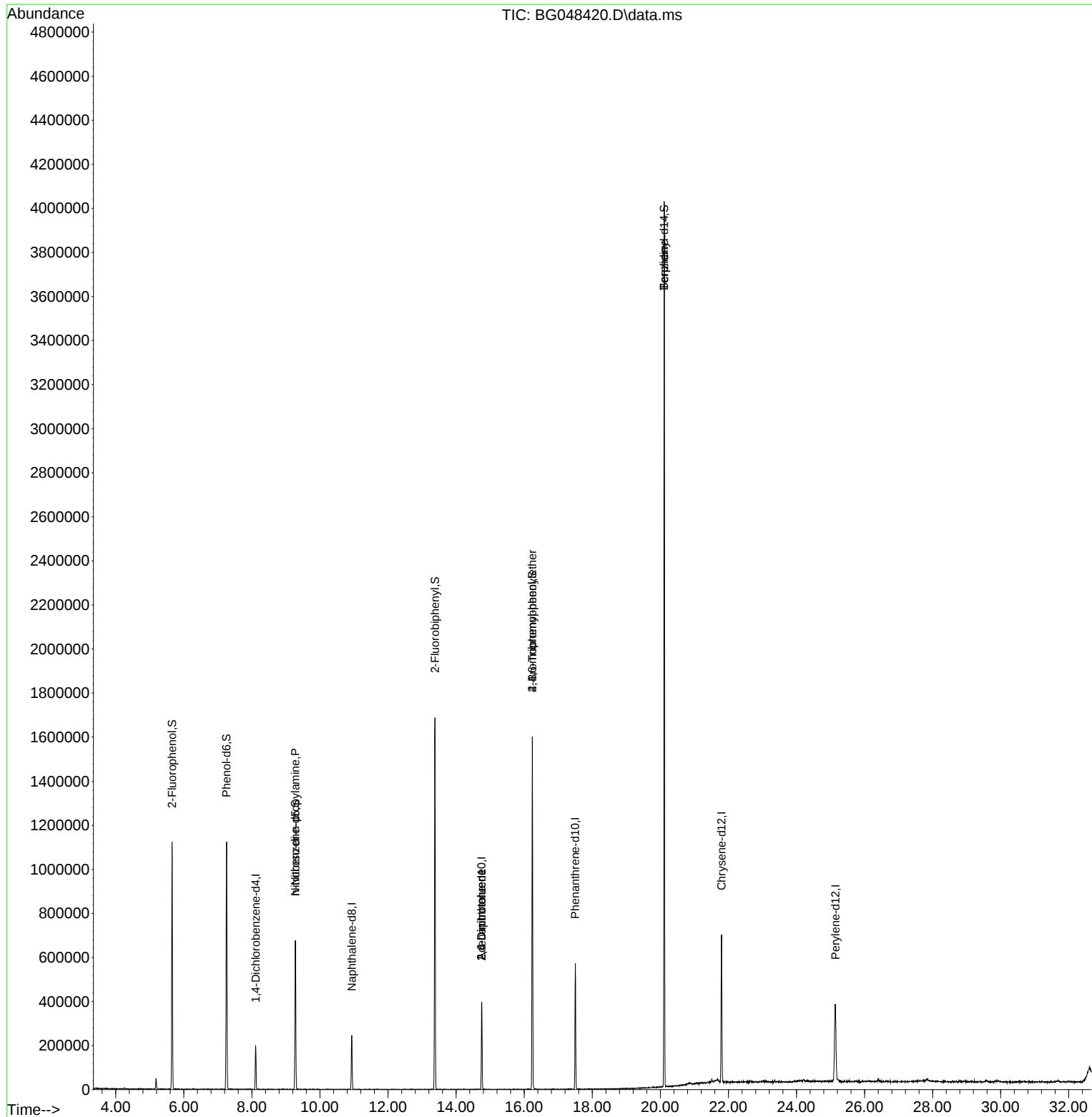
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.114	152	50789	20.00	ng	0.00
21) Naphthalene-d8	10.934	136	195176	20.00	ng	0.00
39) Acenaphthene-d10	14.747	164	141886	20.00	ng	0.00
64) Phenanthrene-d10	17.503	188	356820	20.00	ng	# 0.00
76) Chrysene-d12	21.798	240	426028	20.00	ng	# 0.00
86) Perylene-d12	25.141	264	408978	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.658	112	417984	136.09	ng	0.00
7) Phenol-d6	7.256	99	550362	123.15	ng	0.00
23) Nitrobenzene-d5	9.277	82	414160	84.84	ng	0.00
42) 2,4,6-Tribromophenol	16.240	330	287698	124.68	ng	0.00
45) 2-Fluorobiphenyl	13.378	172	853019	86.49	ng	0.00
79) Terphenyl-d14	20.112	244	1873710	79.32	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.250	77	1286	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.277	70	62094	18.72	ng	# 78
51) 2,6-Dinitrotoluene	14.747	165	18893	7.60	ng	# 34
57) 2,4-Dinitrotoluene	14.747	165	18893	5.35	ng	# 32
67) 4-Bromophenyl-phenylether	16.240	248	20091	4.47	ng	# 1
77) Benzidine	20.112	184	34158	2.68	ng	# 90

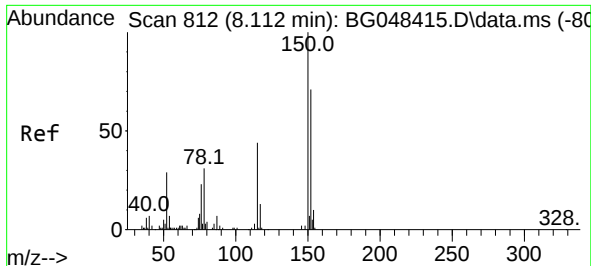
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031821\
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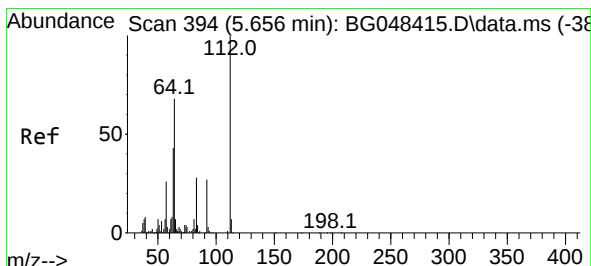
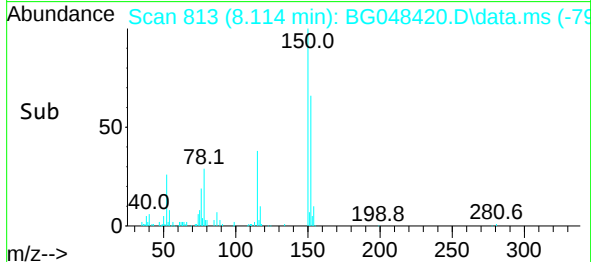
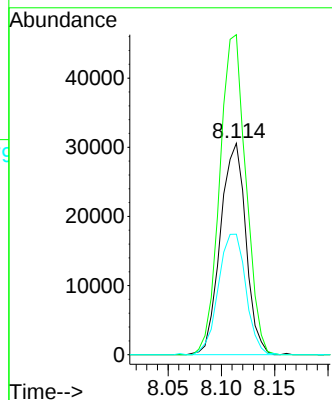
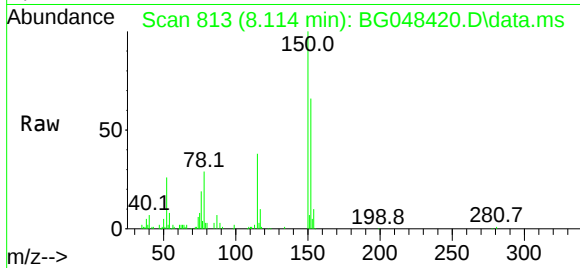




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.114 min Scan# 813
Delta R.T. 0.002 min
Lab File: BG048420.D
Acq: 18 Mar 2021 17:14

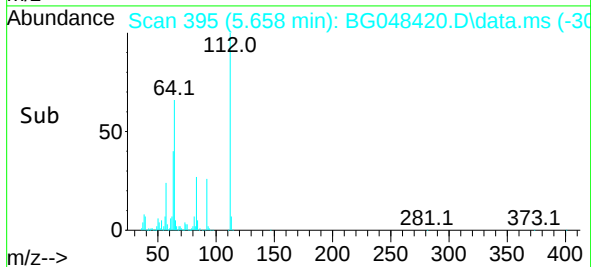
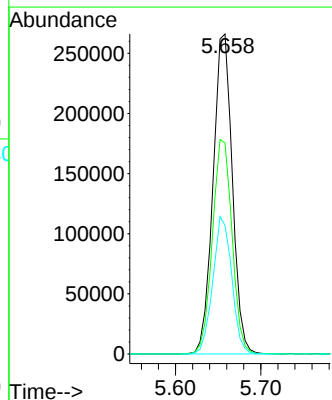
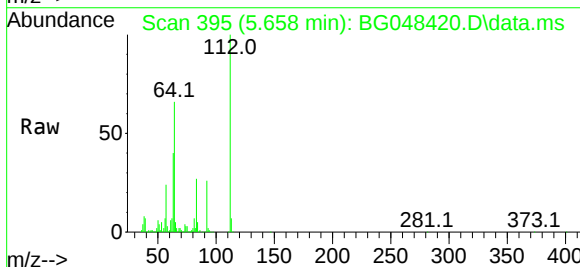
Instrument :
BNA_G
ClientSampleId :
PB135194BL

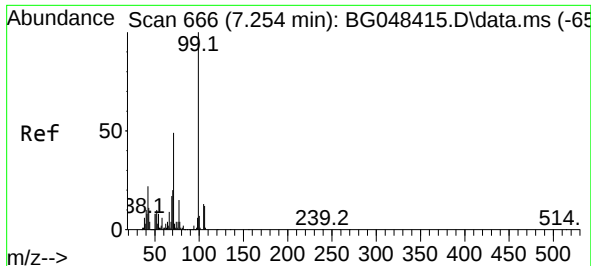
Tgt Ion:152 Resp: 50789
Ion Ratio Lower Upper
152 100
150 151.3 125.0 187.6
115 57.0 41.8 62.6



#5
2-Fluorophenol
Concen: 136.09 ng
RT: 5.658 min Scan# 395
Delta R.T. 0.002 min
Lab File: BG048420.D
Acq: 18 Mar 2021 17:14

Tgt Ion:112 Resp: 417984
Ion Ratio Lower Upper
112 100
64 66.0 46.7 70.1
63 40.1 22.8 34.2#

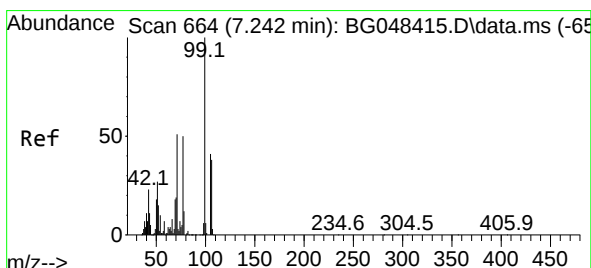
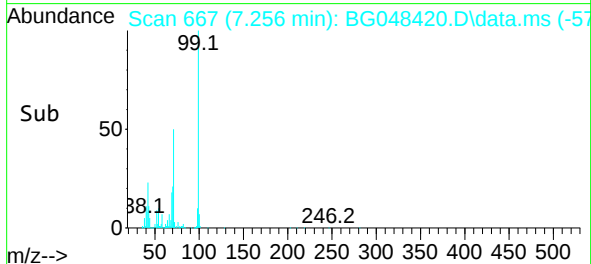
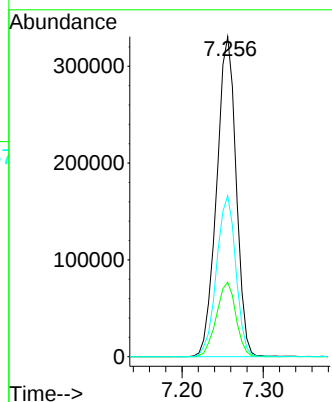
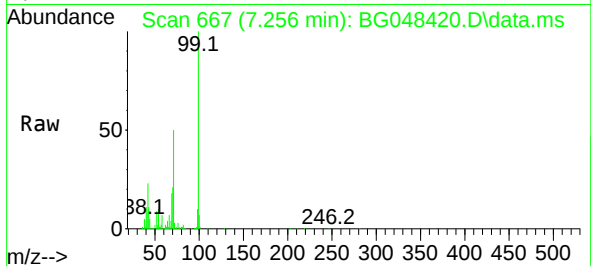




#7
Phenol-d6
Concen: 123.15 ng
RT: 7.256 min Scan# 667
Delta R.T. 0.002 min
Lab File: BG048420.D
Acq: 18 Mar 2021 17:14

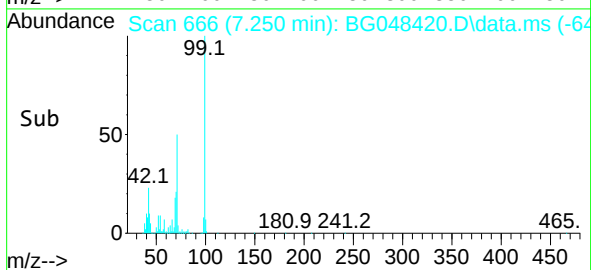
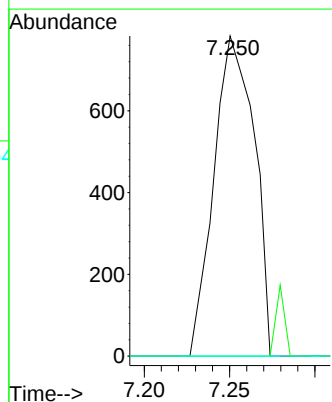
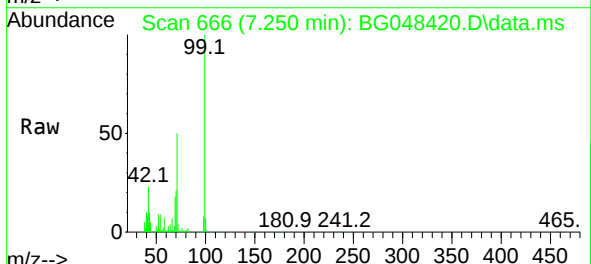
Instrument :
BNA_G
ClientSampleId :
PB135194BL

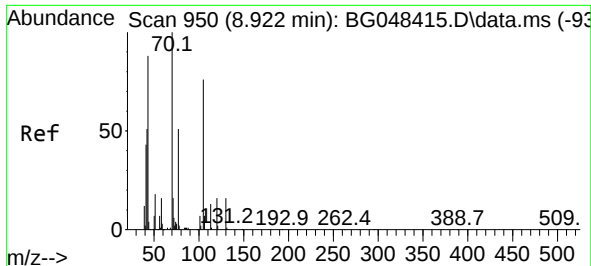
Tgt Ion: 99 Resp: 550362
Ion Ratio Lower Upper
99 100
42 23.3 12.8 19.2#
71 50.3 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.250 min Scan# 666
Delta R.T. 0.008 min
Lab File: BG048420.D
Acq: 18 Mar 2021 17:14

Tgt Ion: 77 Resp: 1286
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#

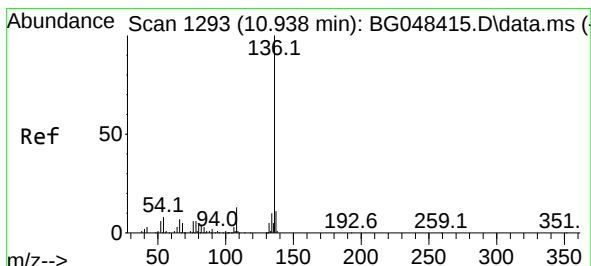
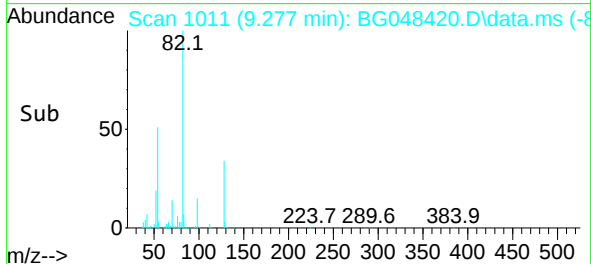
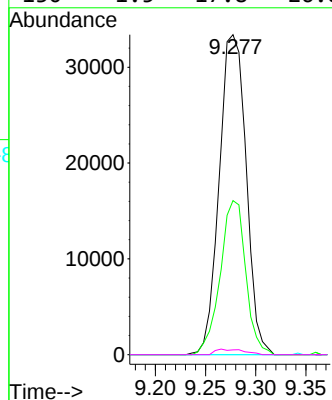
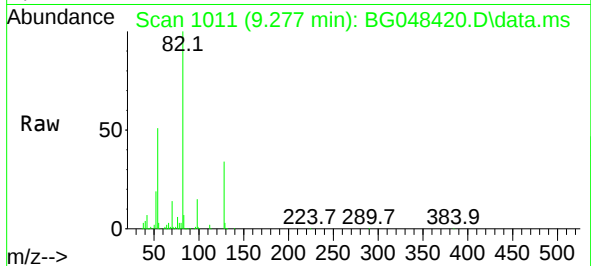




#19
n-Nitroso-di-n-propylamine
Concen: 18.72 ng
RT: 9.277 min Scan# 1011
Delta R.T. 0.355 min
Lab File: BG048420.D
Acq: 18 Mar 2021 17:14

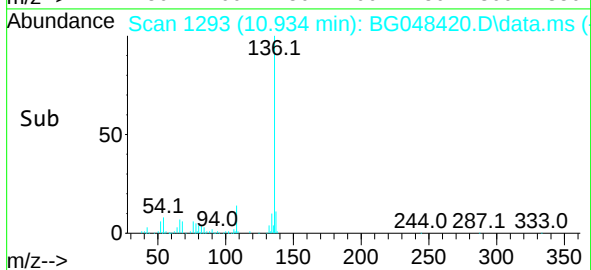
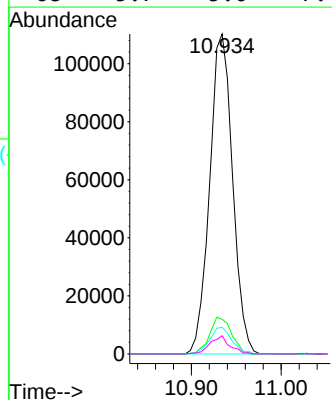
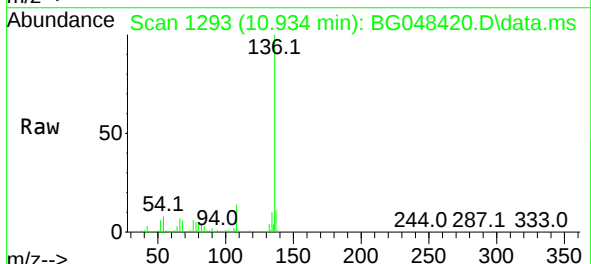
Instrument :
BNA_G
ClientSampleId :
PB135194BL

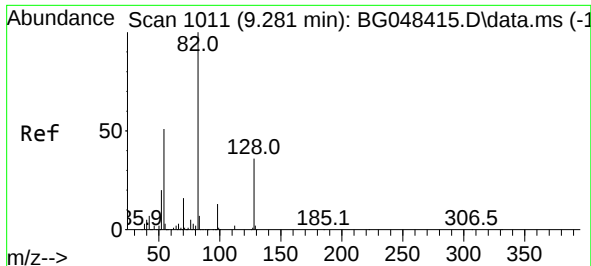
Tgt Ion: 70	Resp: 62094
Ion Ratio	Lower Upper
70	100
42	48.2 45.6 68.4
101	0.0 8.4 12.6#
130	1.5 17.8 26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.934 min Scan# 1293
Delta R.T. -0.003 min
Lab File: BG048420.D
Acq: 18 Mar 2021 17:14

Tgt Ion: 136	Resp: 195176
Ion Ratio	Lower Upper
136	100
137	10.8 9.1 13.7
54	8.3 6.2 9.4
68	5.7 5.0 7.4

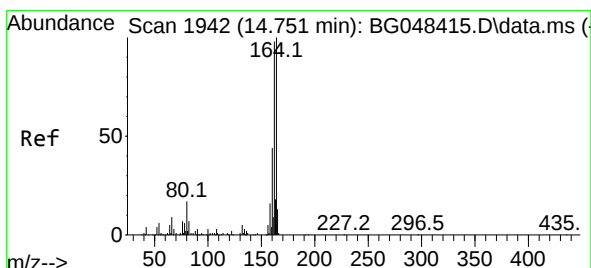
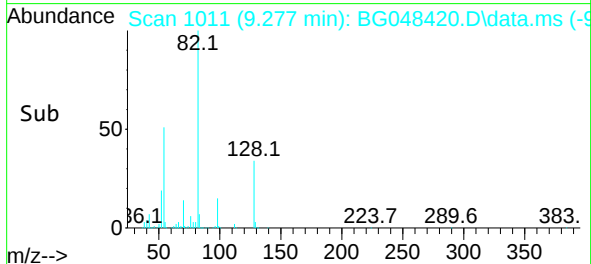
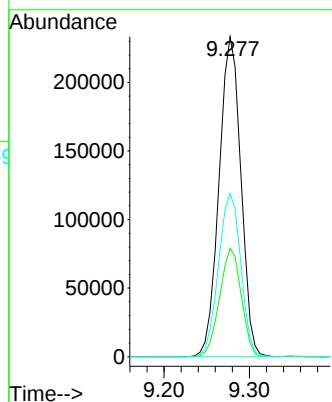
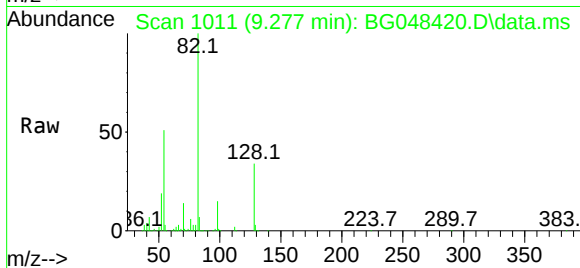




#23
Nitrobenzene-d5
Concen: 84.84 ng
RT: 9.277 min Scan# 1011
Delta R.T. -0.003 min
Lab File: BG048420.D
Acq: 18 Mar 2021 17:14

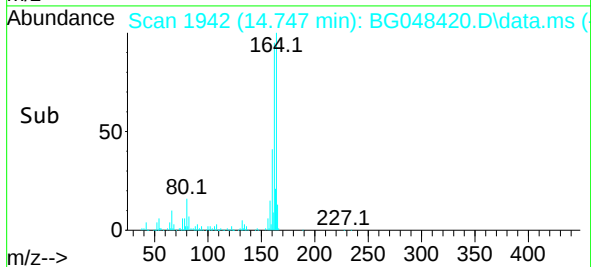
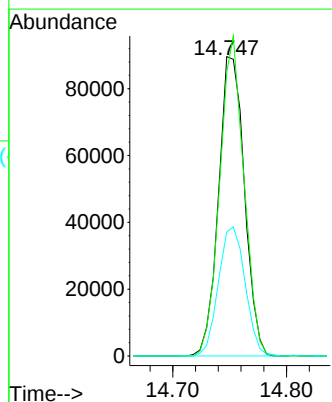
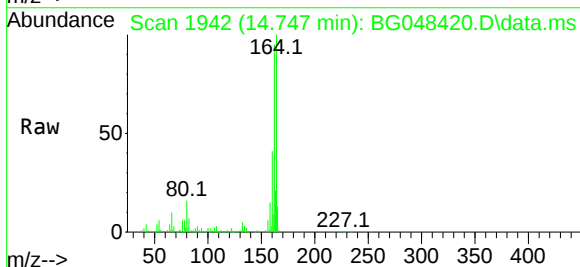
Instrument :
BNA_G
ClientSampleId :
PB135194BL

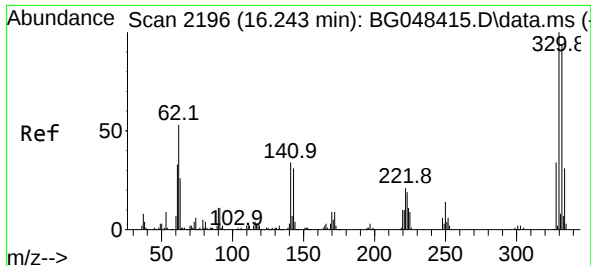
Tgt Ion: 82 Resp: 414160
Ion Ratio Lower Upper
82 100
128 33.9 37.0 55.6#
54 51.0 39.0 58.4



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.747 min Scan# 1942
Delta R.T. -0.003 min
Lab File: BG048420.D
Acq: 18 Mar 2021 17:14

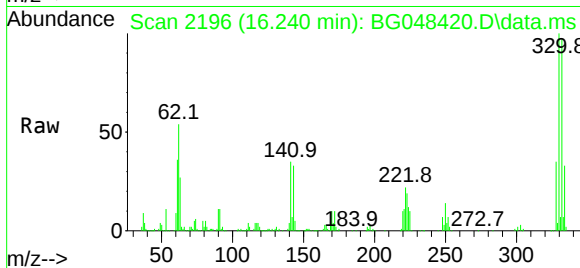
Tgt Ion:164 Resp: 141886
Ion Ratio Lower Upper
164 100
162 94.9 82.3 123.5
160 41.4 35.3 52.9



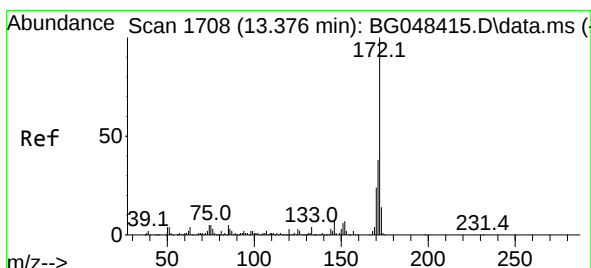
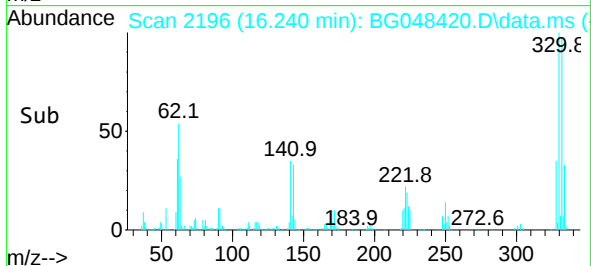
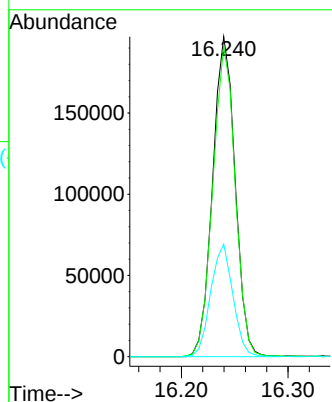


#42
2,4,6-Tribromophenol
Concen: 124.68 ng
RT: 16.240 min Scan# 2196
Delta R.T. -0.003 min
Lab File: BG048420.D
Acq: 18 Mar 2021 17:14

Instrument :
BNA_G
ClientSampleId :
PB135194BL

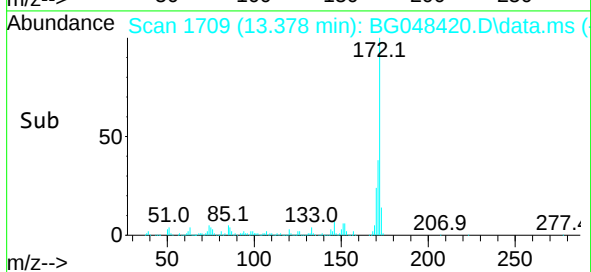
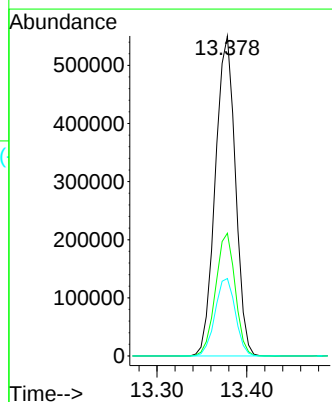
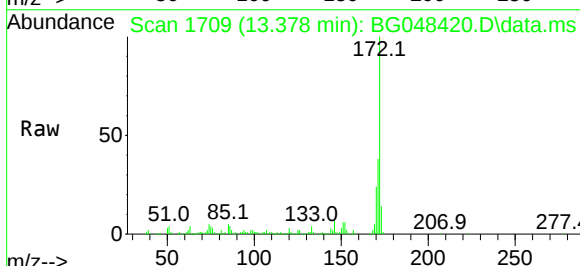


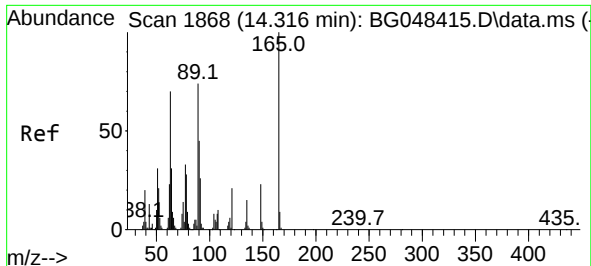
Tgt Ion:330 Resp: 287698
Ion Ratio Lower Upper
330 100
332 96.8 76.5 114.7
141 34.8 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 86.49 ng
RT: 13.378 min Scan# 1709
Delta R.T. 0.002 min
Lab File: BG048420.D
Acq: 18 Mar 2021 17:14

Tgt Ion:172 Resp: 853019
Ion Ratio Lower Upper
172 100
171 38.3 31.3 46.9
170 24.2 20.8 31.2

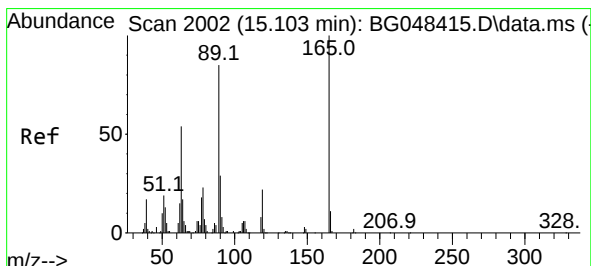
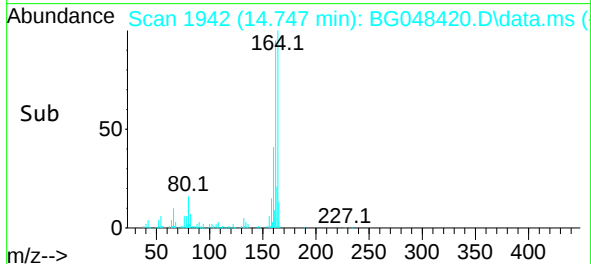
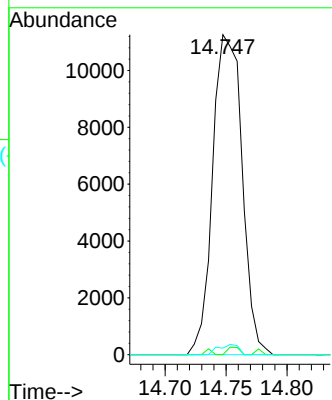
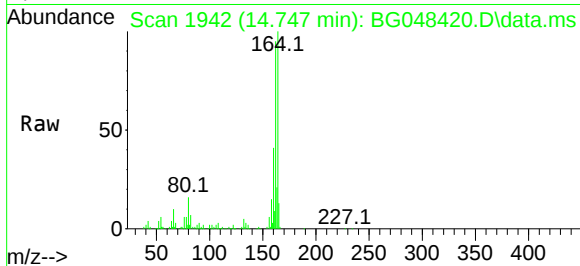




#51
2,6-Dinitrotoluene
Concen: 7.60 ng
RT: 14.747 min Scan# 1942
Delta R.T. 0.431 min
Lab File: BG048420.D
Acq: 18 Mar 2021 17:14

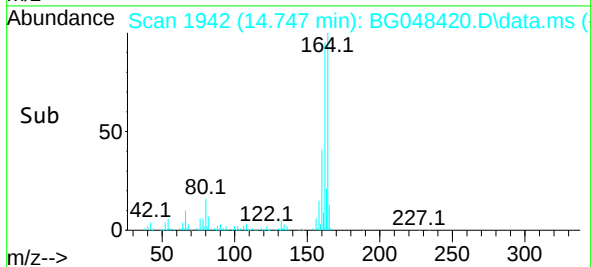
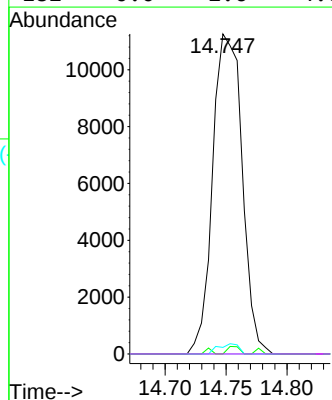
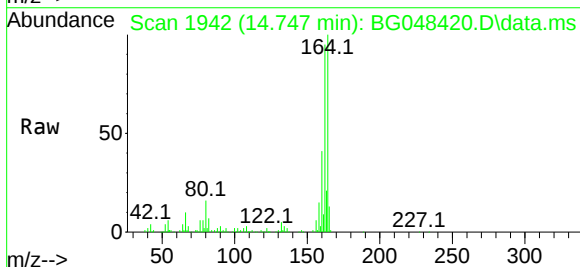
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ClientSampleId :
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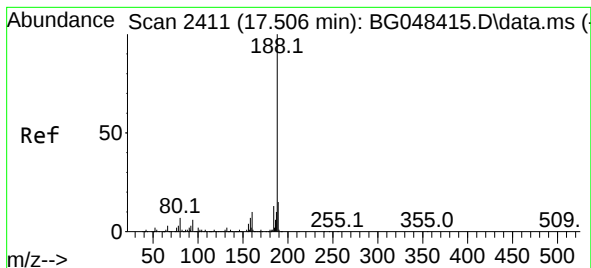
Tgt Ion:165 Resp: 18893
Ion Ratio Lower Upper
165 100
63 0.0 33.7 50.5#
89 2.0 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 5.35 ng
RT: 14.747 min Scan# 1942
Delta R.T. -0.356 min
Lab File: BG048420.D
Acq: 18 Mar 2021 17:14

Tgt Ion:165 Resp: 18893
Ion Ratio Lower Upper
165 100
63 0.0 26.4 39.6#
89 2.0 47.8 71.8#
182 0.0 2.6 4.0#

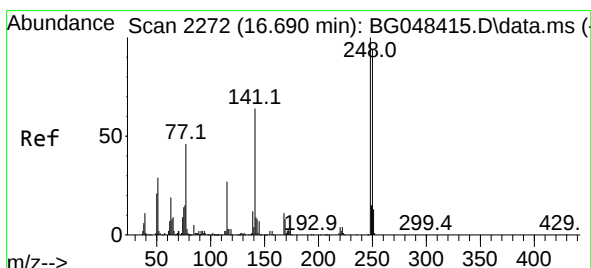
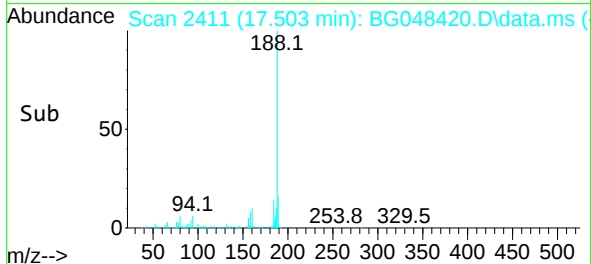
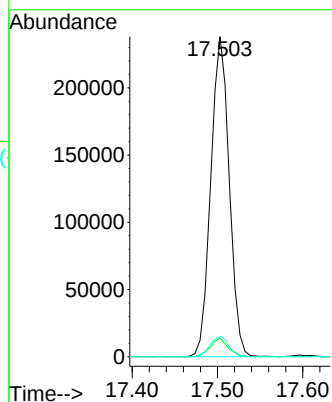
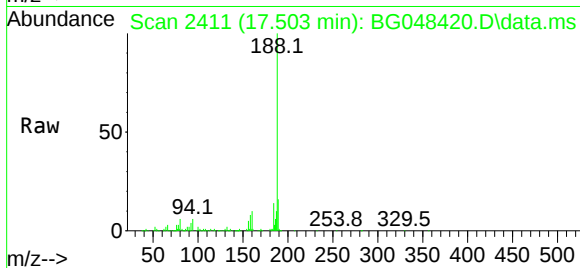




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.503 min Scan# 2411
Delta R.T. -0.003 min
Lab File: BG048420.D
Acq: 18 Mar 2021 17:14

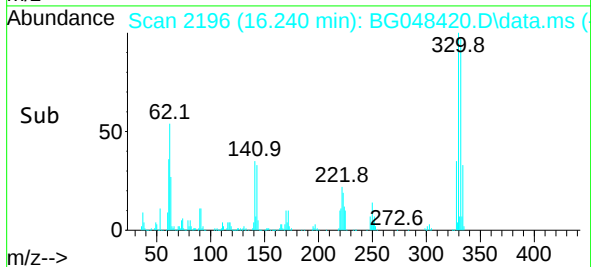
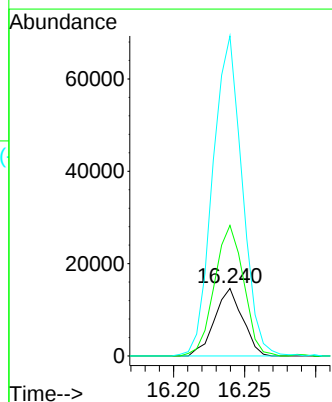
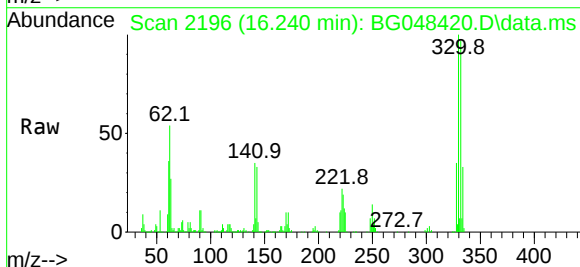
Instrument :
BNA_G
ClientSampleId :
PB135194BL

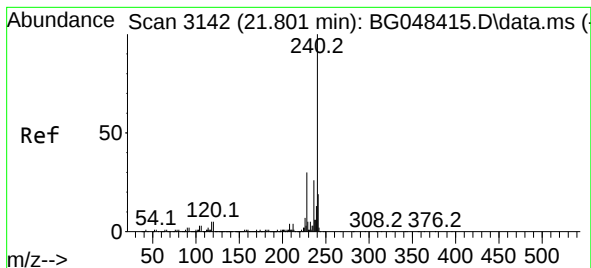
Tgt Ion:188 Resp: 356820
Ion Ratio Lower Upper
188 100
94 5.8 6.3 9.5#
80 6.4 7.0 10.6#



#67
4-Bromophenyl-phenylether
Concen: 4.47 ng
RT: 16.240 min Scan# 2196
Delta R.T. -0.450 min
Lab File: BG048420.D
Acq: 18 Mar 2021 17:14

Tgt Ion:248 Resp: 20091
Ion Ratio Lower Upper
248 100
250 193.2 78.9 118.3#
141 473.5 46.2 69.4#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.798 min Scan# 3142

Delta R.T. -0.003 min

Lab File: BG048420.D

Acq: 18 Mar 2021 17:14

Tgt Ion:240 Resp: 426028

Ion Ratio Lower Upper

240 100

120 4.5 6.2 9.4#

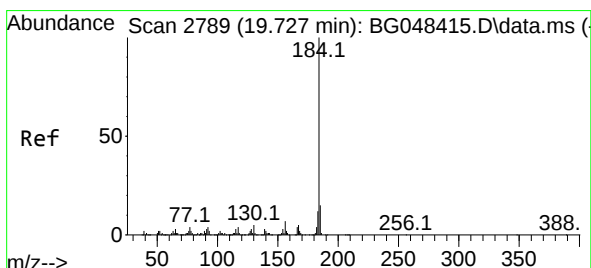
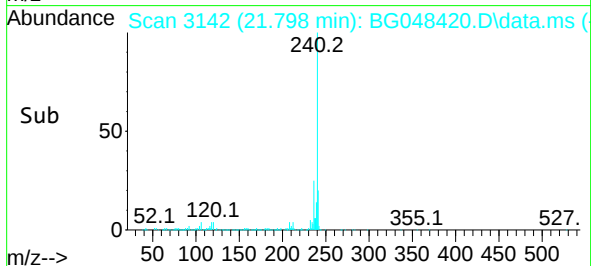
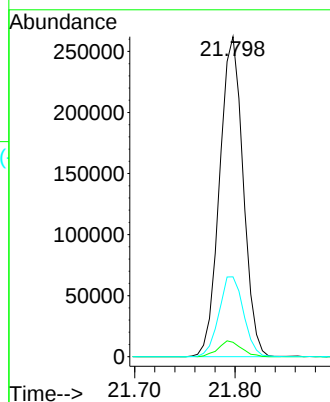
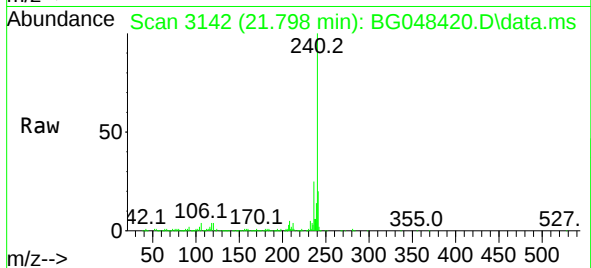
236 25.0 20.5 30.7

Instrument :

BNA_G

ClientSampleId :

PB135194BL



#77

Benzidine

Concen: 2.68 ng

RT: 20.112 min Scan# 2855

Delta R.T. 0.384 min

Lab File: BG048420.D

Acq: 18 Mar 2021 17:14

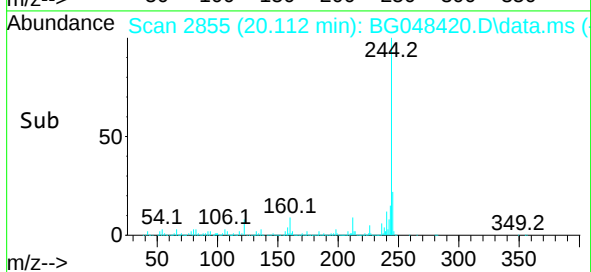
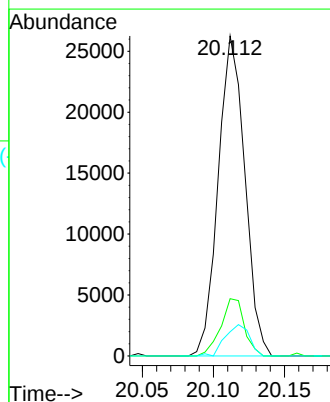
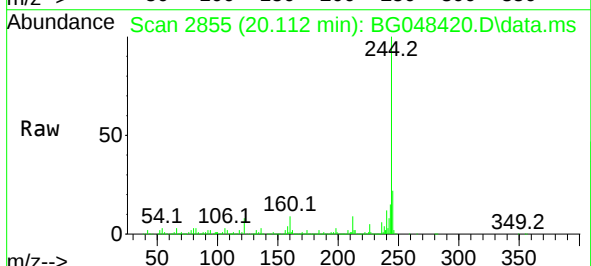
Tgt Ion:184 Resp: 34158

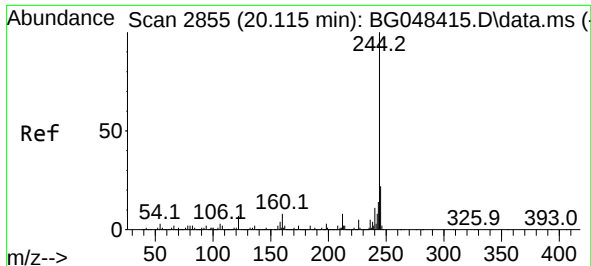
Ion Ratio Lower Upper

184 100

185 17.9 12.4 18.6

183 7.6 10.6 15.8#

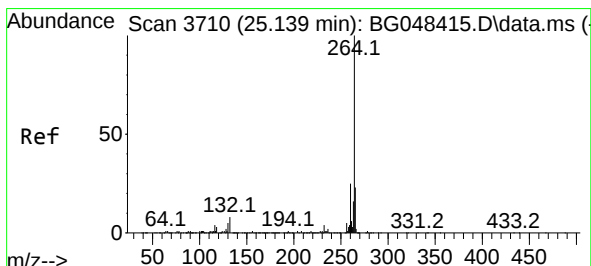
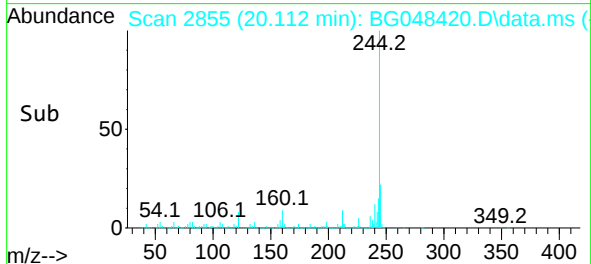
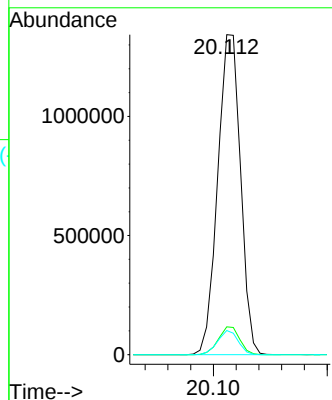
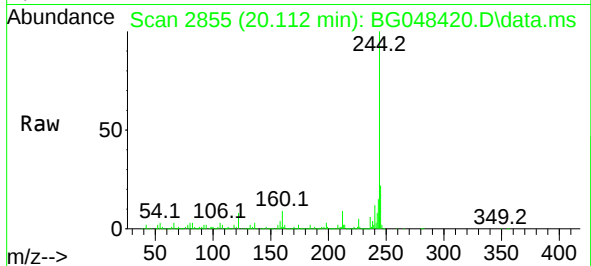




#79
 Terphenyl-d14
 Concen: 79.32 ng
 RT: 20.112 min Scan# 2855
 Delta R.T. -0.003 min
 Lab File: BG048420.D
 Acq: 18 Mar 2021 17:14

Instrument :
 BNA_G
 ClientSampleId :
 PB135194BL

Tgt Ion:244 Resp: 1873710
 Ion Ratio Lower Upper
 244 100
 212 8.7 6.7 10.1
 122 7.6 7.8 11.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.141 min Scan# 3711
 Delta R.T. 0.002 min
 Lab File: BG048420.D
 Acq: 18 Mar 2021 17:14

Tgt Ion:264 Resp: 408978
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.8 28.2
 265 23.2 17.8 26.8

