

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032321\
 Data File : BG048480.D
 Acq On : 23 Mar 2021 21:53
 Operator : CG/JU
 Sample : M1779-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-1B1-(3.0-3.5)

Quant Time: Mar 24 02:21:06 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)

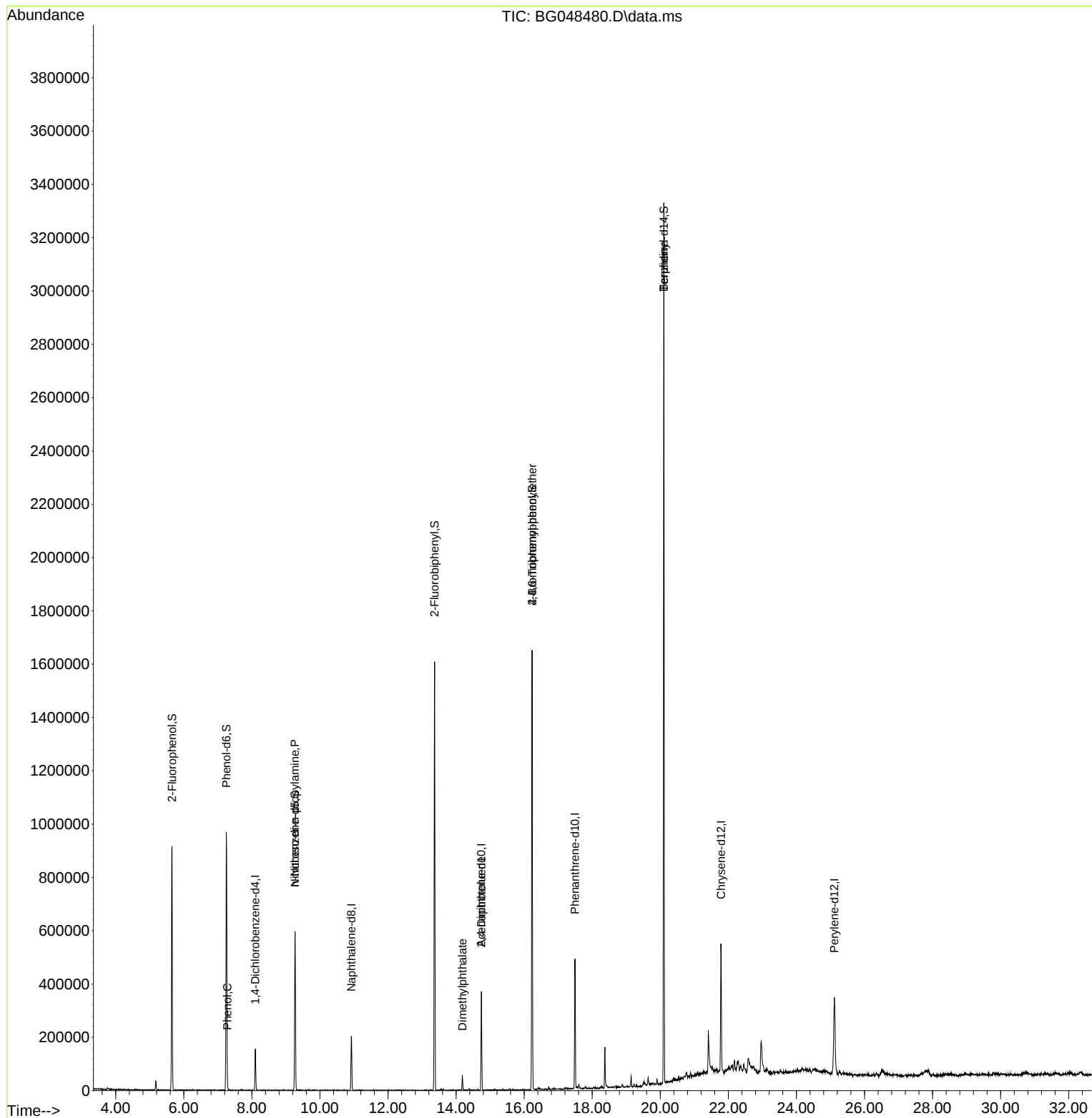
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.103	152	39937	20.00	ng	0.00
21) Naphthalene-d8	10.923	136	158800	20.00	ng	# 0.00
39) Acenaphthene-d10	14.742	164	122954	20.00	ng	0.00
64) Phenanthrene-d10	17.492	188	301810	20.00	ng	# 0.00
76) Chrysene-d12	21.781	240	291321	20.00	ng	#-0.01
86) Perylene-d12	25.113	264	313940	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.653	112	354883	146.95	ng	0.00
7) Phenol-d6	7.251	99	489898	139.41	ng	0.00
23) Nitrobenzene-d5	9.267	82	362070	91.16	ng	0.00
42) 2,4,6-Tribromophenol	16.235	330	313569	156.82	ng	0.00
45) 2-Fluorobiphenyl	13.368	172	788247	92.22	ng	0.00
79) Terphenyl-d14	20.107	244	1466254	90.77	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.245	77	1319	Below Cal	#	1
10) Phenol	7.281	94	10888	3.02	ng	78
19) n-Nitroso-di-n-propyla...	9.267	70	55291	21.20	ng	# 77
50) Dimethylphthalate	14.184	163	31400	3.14	ng	# 95
57) 2,4-Dinitrotoluene	14.742	165	17734	5.80	ng	# 34
67) 4-Bromophenyl-phenylether	16.235	248	20801	5.47	ng	# 1
77) Benzdine	20.101	184	30502	3.50	ng	99

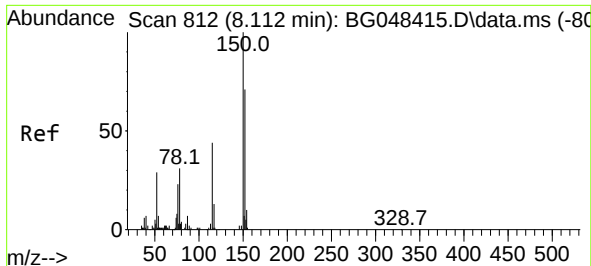
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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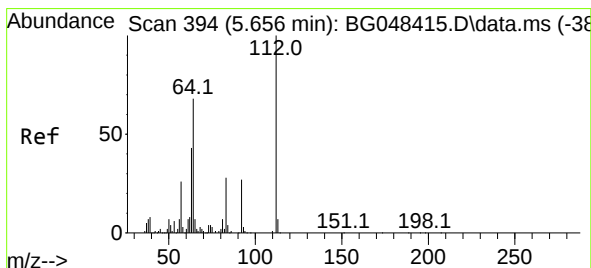
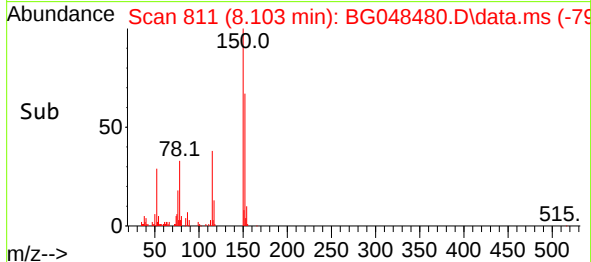
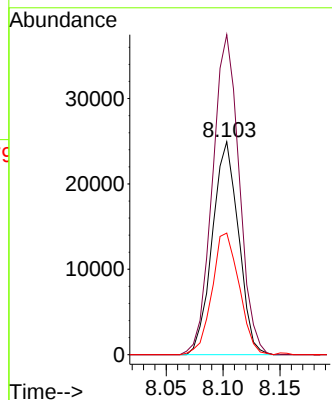
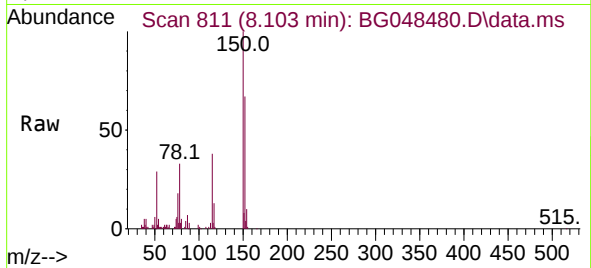




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.103 min Scan# 811
Delta R.T. 0.000 min
Lab File: BG048480.D
Acq: 23 Mar 2021 21:53

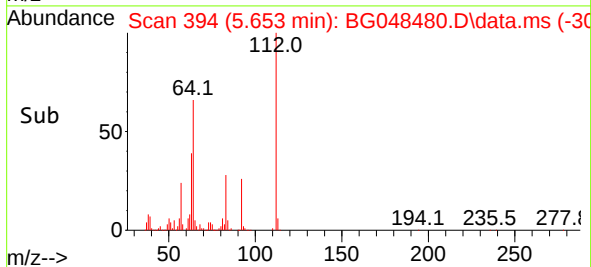
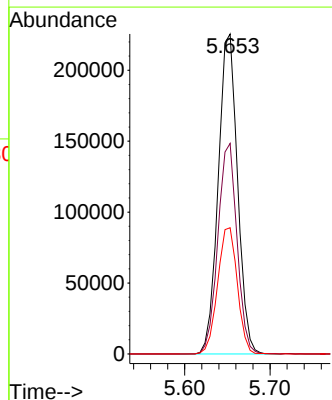
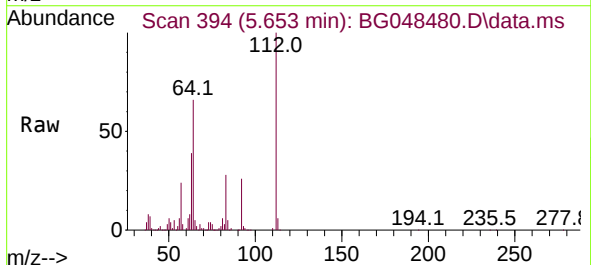
Instrument :
BNA_G
ClientSampleId :
SB-1B1-(3.0-3.5)

Tgt Ion:152 Resp: 39937
Ion Ratio Lower Upper
152 100
150 150.3 125.0 187.6
115 57.1 41.8 62.6



#5
2-Fluorophenol
Concen: 146.95 ng
RT: 5.653 min Scan# 394
Delta R.T. 0.006 min
Lab File: BG048480.D
Acq: 23 Mar 2021 21:53

Tgt Ion:112 Resp: 354883
Ion Ratio Lower Upper
112 100
64 65.8 46.7 70.1
63 39.4 22.8 34.2#

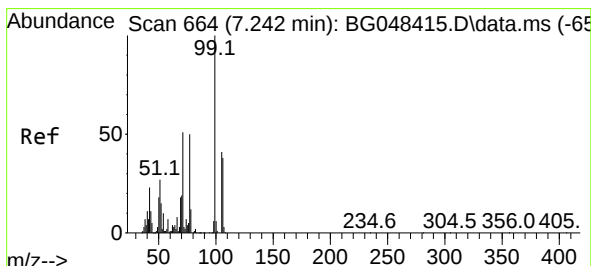
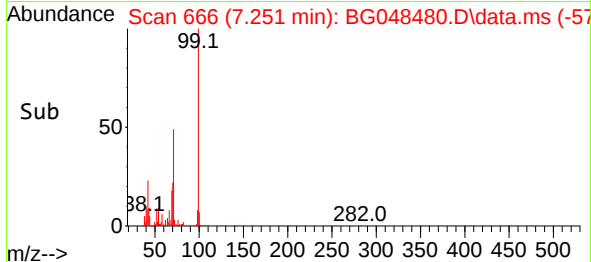
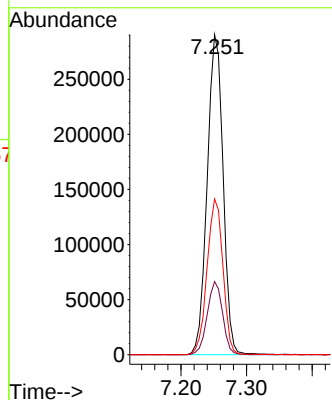
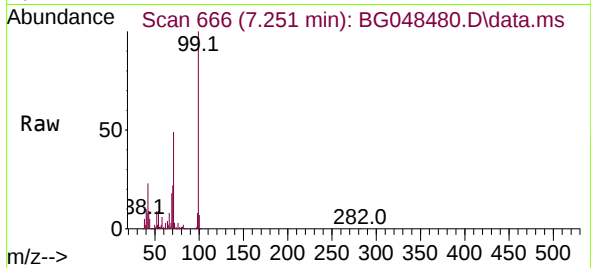




#7
Phenol-d6
Concen: 139.41 ng
RT: 7.251 min Scan# 666
Delta R.T. 0.000 min
Lab File: BG048480.D
Acq: 23 Mar 2021 21:53

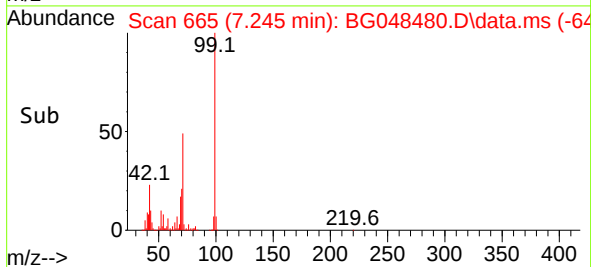
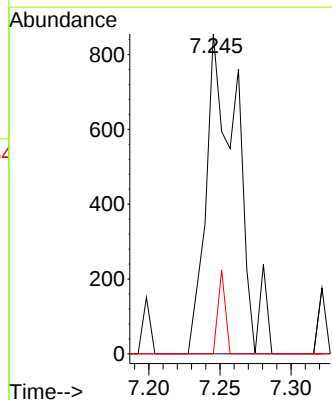
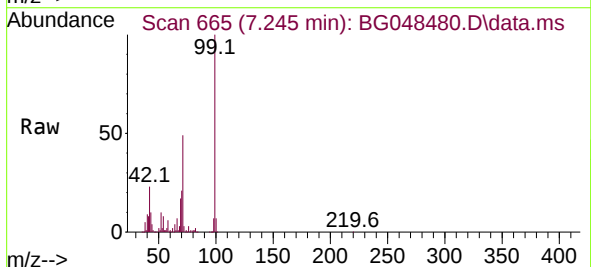
Instrument :
BNA_G
ClientSampleId :
SB-1B1-(3.0-3.5)

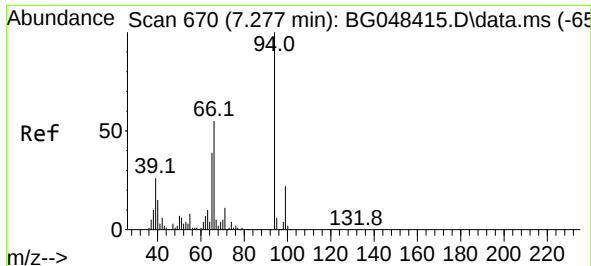
Tgt Ion: 99 Resp: 489898
Ion Ratio Lower Upper
99 100
42 22.9 12.8 19.2#
71 48.7 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.245 min Scan# 665
Delta R.T. 0.006 min
Lab File: BG048480.D
Acq: 23 Mar 2021 21:53

Tgt Ion: 77 Resp: 1319
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#

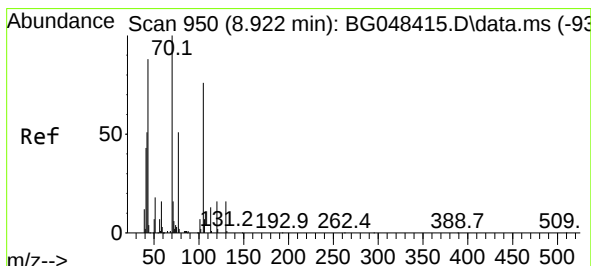
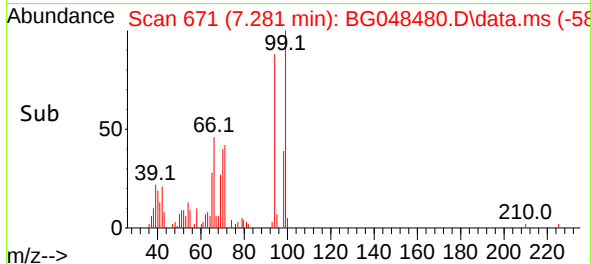
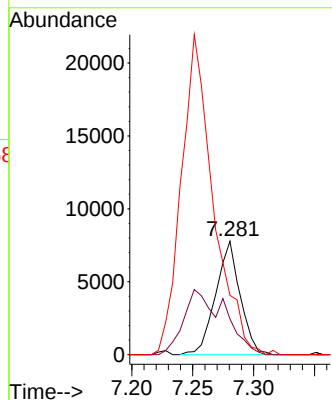
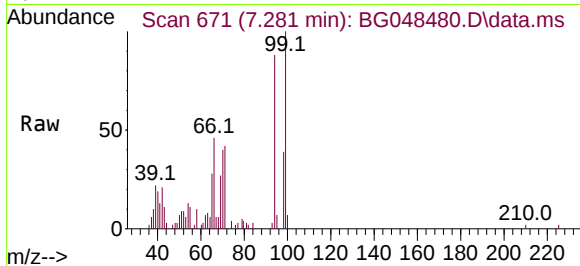




#10
Phenol
Concen: 3.02 ng
RT: 7.281 min Scan# 671
Delta R.T. 0.006 min
Lab File: BG048480.D
Acq: 23 Mar 2021 21:53

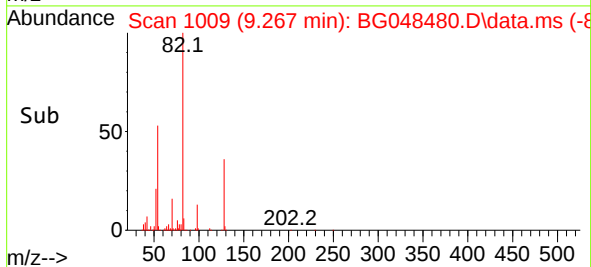
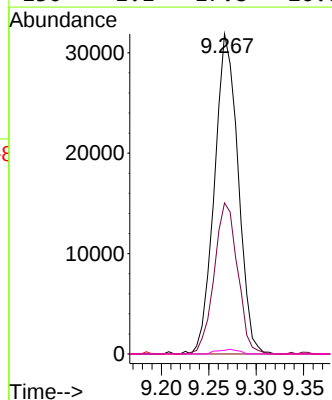
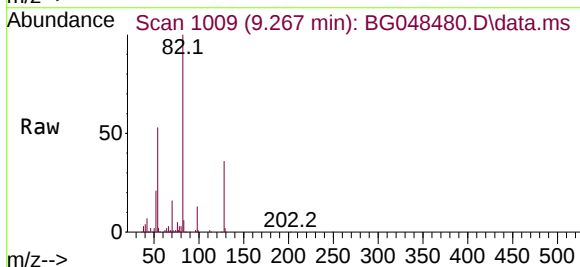
Instrument :
BNA_G
ClientSampleId :
SB-1B1-(3.0-3.5)

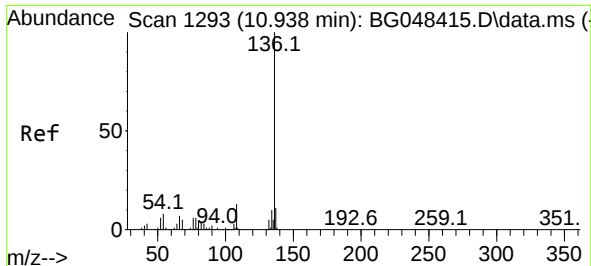
Tgt Ion: 94 Resp: 10888
Ion Ratio Lower Upper
94 100
65 31.4 6.6 46.6
66 52.3 13.9 53.9



#19
n-Nitroso-di-n-propylamine
Concen: 21.20 ng
RT: 9.267 min Scan# 1009
Delta R.T. 0.353 min
Lab File: BG048480.D
Acq: 23 Mar 2021 21:53

Tgt Ion: 70 Resp: 55291
Ion Ratio Lower Upper
70 100
42 47.2 45.6 68.4
101 0.0 8.4 12.6#
130 1.1 17.8 26.8#

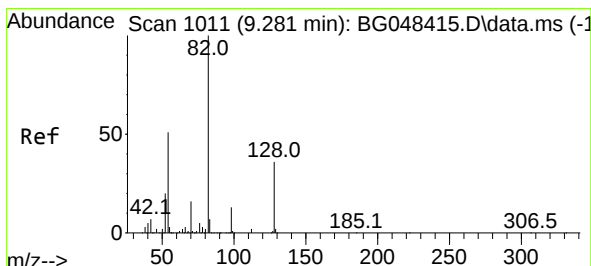
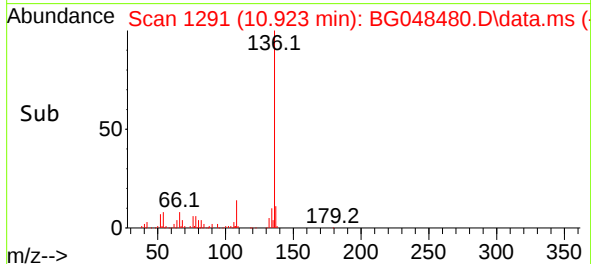
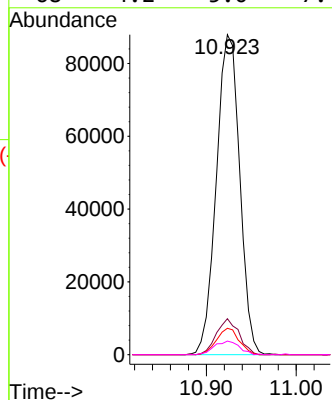
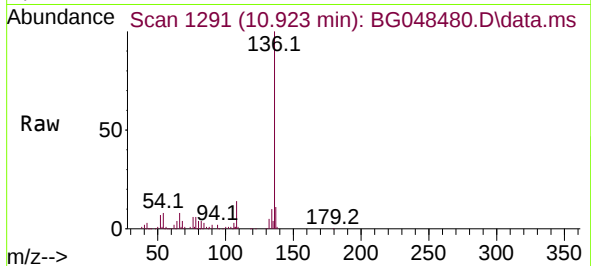




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.923 min Scan# 1291
Delta R.T. -0.005 min
Lab File: BG048480.D
Acq: 23 Mar 2021 21:53

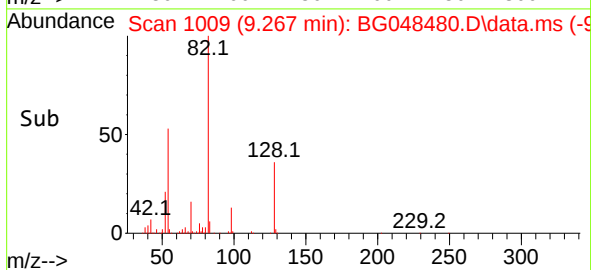
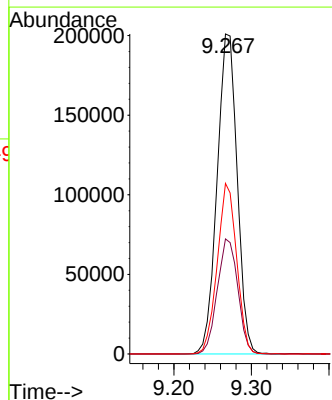
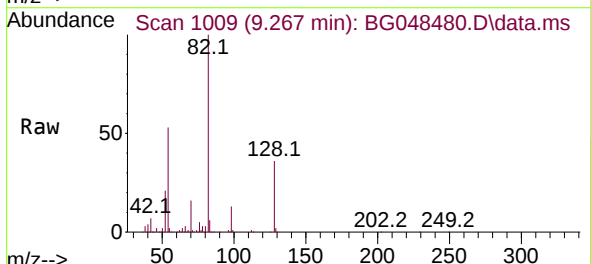
Instrument :
BNA_G
ClientSampleId :
SB-1B1-(3.0-3.5)

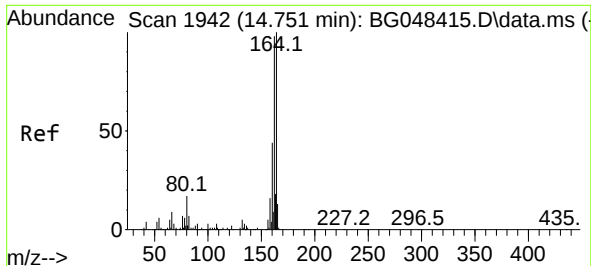
Tgt Ion:136 Resp: 158800
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 8.2 6.2 9.4
68 4.2 5.0 7.4#



#23
Nitrobenzene-d5
Concen: 91.16 ng
RT: 9.267 min Scan# 1009
Delta R.T. -0.005 min
Lab File: BG048480.D
Acq: 23 Mar 2021 21:53

Tgt Ion: 82 Resp: 362070
Ion Ratio Lower Upper
82 100
128 35.9 37.0 55.6#
54 53.3 39.0 58.4

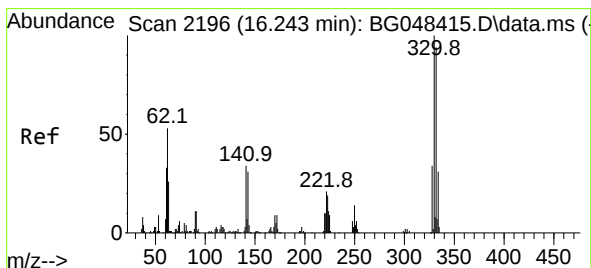
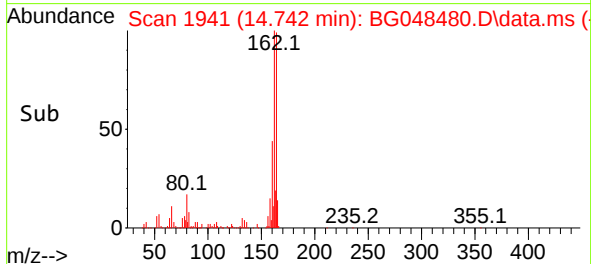
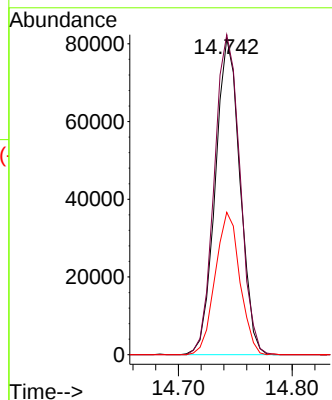
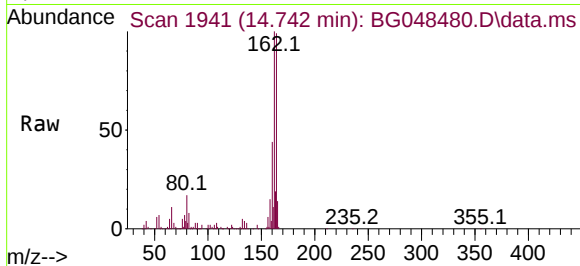




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.742 min Scan# 1941
Delta R.T. -0.005 min
Lab File: BG048480.D
Acq: 23 Mar 2021 21:53

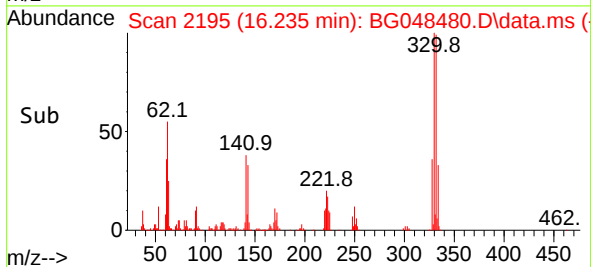
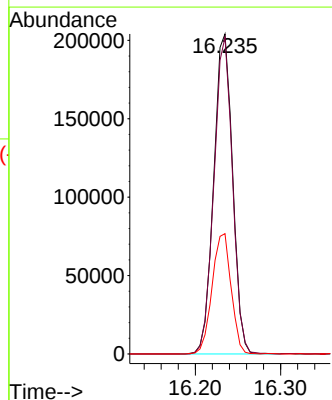
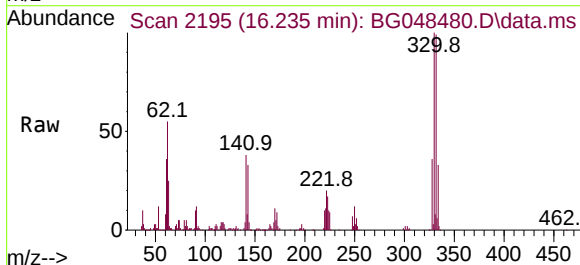
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SB-1B1-(3.0-3.5)

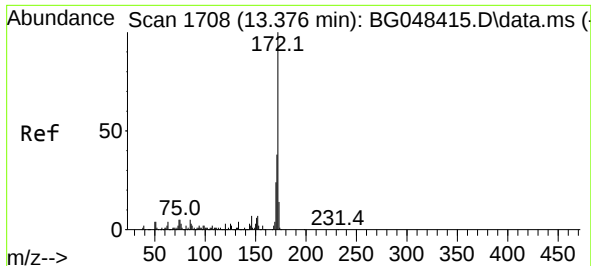
Tgt Ion:164 Resp: 122954
Ion Ratio Lower Upper
164 100
162 101.2 82.3 123.5
160 45.0 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 156.82 ng
RT: 16.235 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BG048480.D
Acq: 23 Mar 2021 21:53

Tgt Ion:330 Resp: 313569
Ion Ratio Lower Upper
330 100
332 97.3 76.5 114.7
141 37.9 26.0 39.0

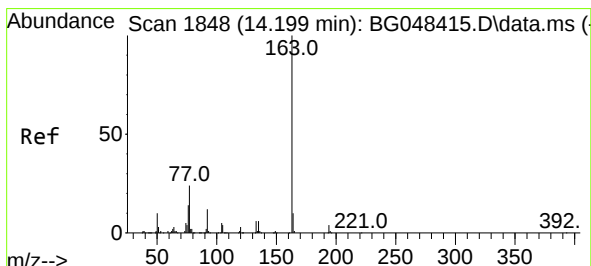
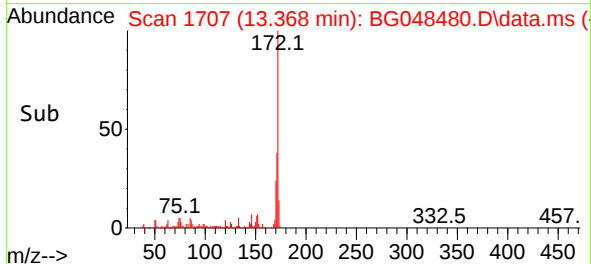
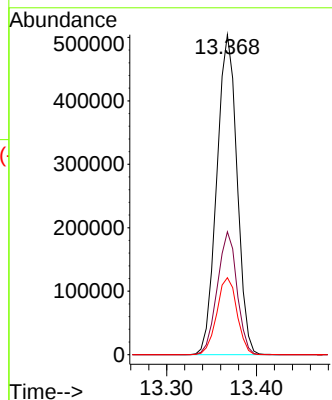
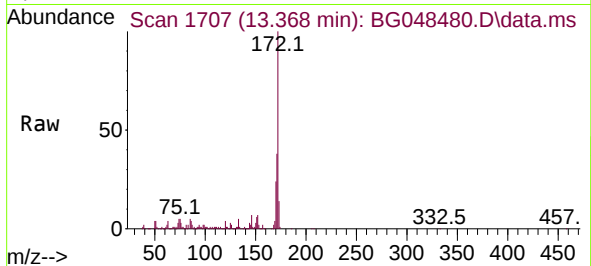




#45
2-Fluorobiphenyl
Concen: 92.22 ng
RT: 13.368 min Scan# 1707
Delta R.T. 0.000 min
Lab File: BG048480.D
Acq: 23 Mar 2021 21:53

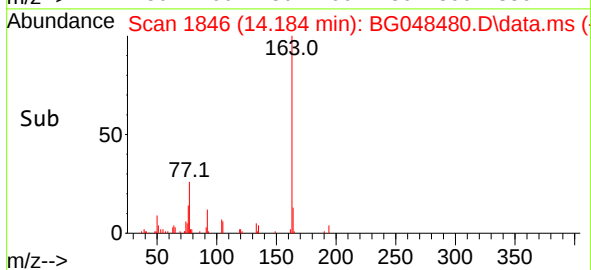
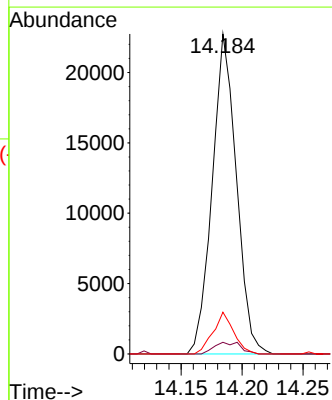
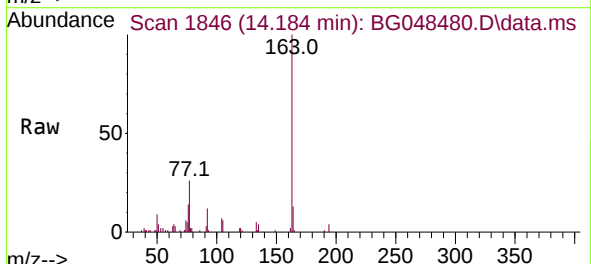
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SB-1B1-(3.0-3.5)

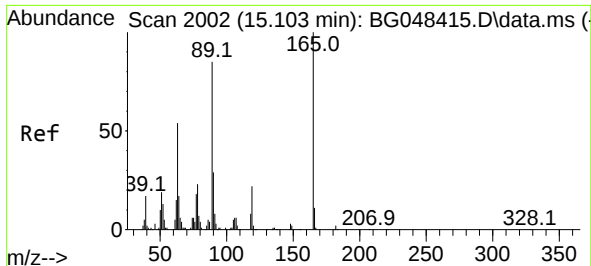
Tgt Ion:172 Resp: 788247
Ion Ratio Lower Upper
172 100
171 38.4 31.3 46.9
170 24.0 20.8 31.2



#50
Dimethylphthalate
Concen: 3.14 ng
RT: 14.184 min Scan# 1846
Delta R.T. -0.011 min
Lab File: BG048480.D
Acq: 23 Mar 2021 21:53

Tgt Ion:163 Resp: 31400
Ion Ratio Lower Upper
163 100
194 3.7 3.8 5.8#
164 13.1 8.8 13.2

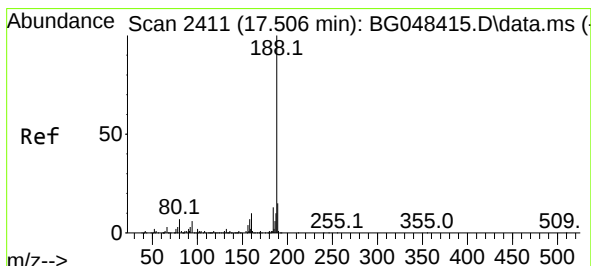
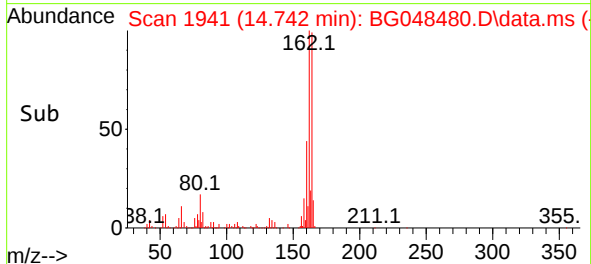
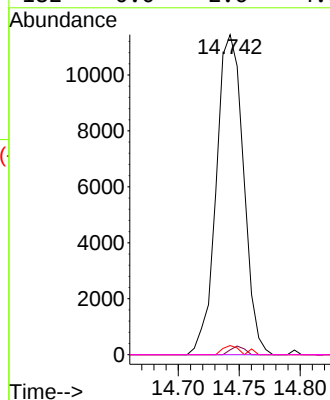
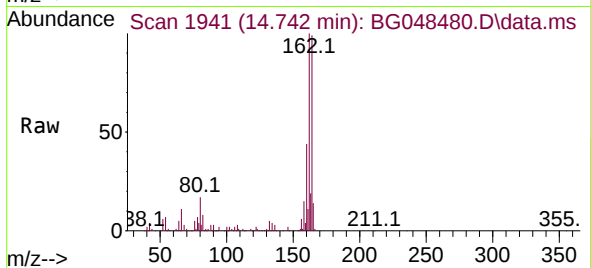




#57
2,4-Dinitrotoluene
Concen: 5.80 ng
RT: 14.742 min Scan# 1941
Delta R.T. -0.358 min
Lab File: BG048480.D
Acq: 23 Mar 2021 21:53

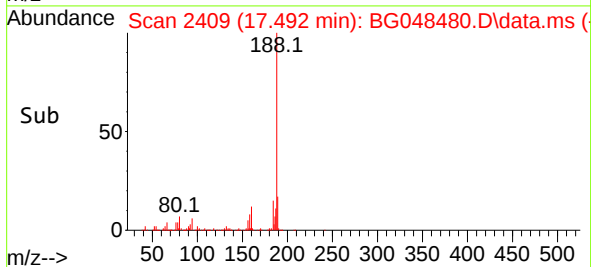
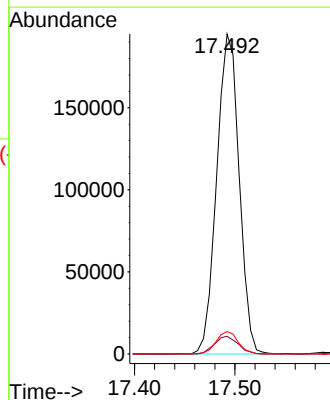
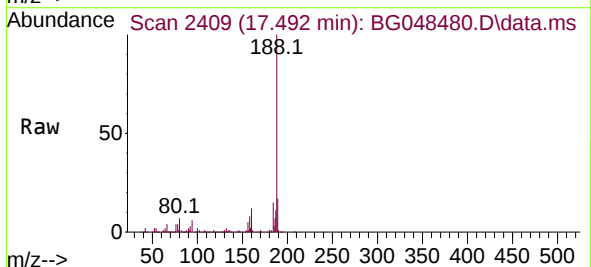
Instrument :
BNA_G
ClientSampleId :
SB-1B1-(3.0-3.5)

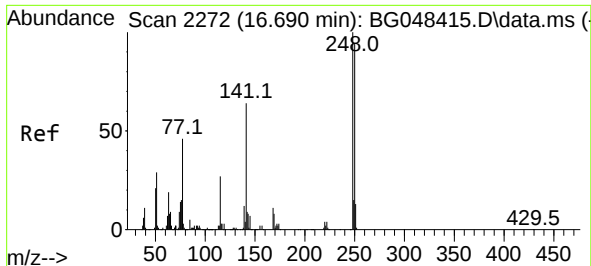
Tgt Ion:165 Resp: 17734
Ion Ratio Lower Upper
165 100
63 1.5 26.4 39.6#
89 2.9 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.492 min Scan# 2409
Delta R.T. -0.005 min
Lab File: BG048480.D
Acq: 23 Mar 2021 21:53

Tgt Ion:188 Resp: 301810
Ion Ratio Lower Upper
188 100
94 5.5 6.3 9.5#
80 7.0 7.0 10.6#

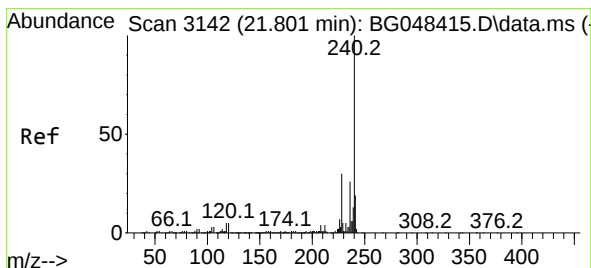
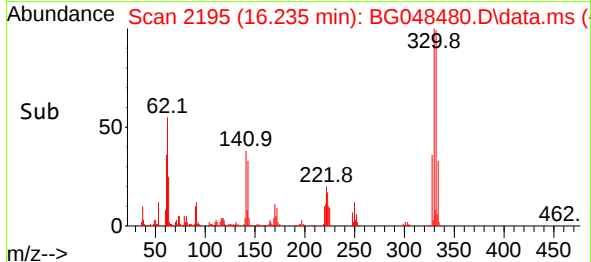
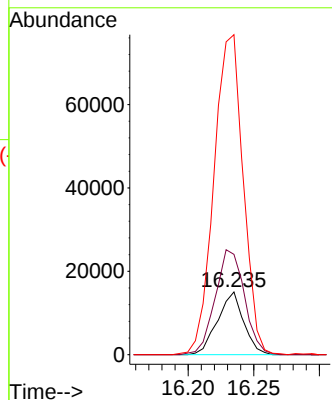
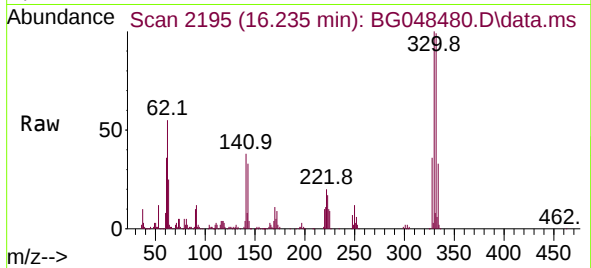




#67
4-Bromophenyl-phenylether
Concen: 5.47 ng
RT: 16.235 min Scan# 2195
Delta R.T. -0.446 min
Lab File: BG048480.D
Acq: 23 Mar 2021 21:53

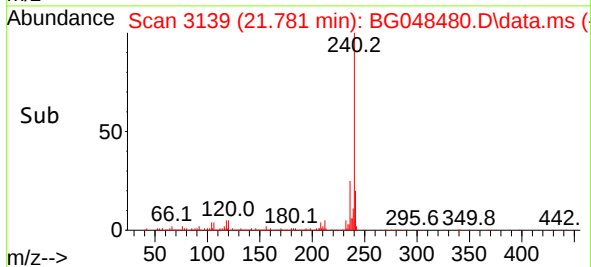
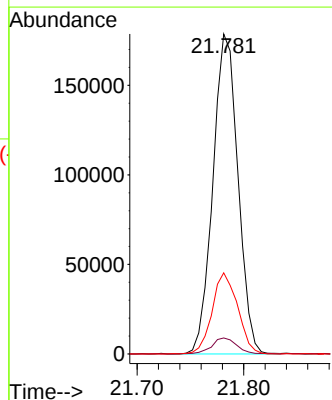
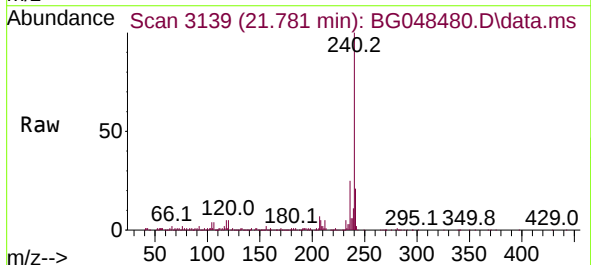
Instrument :
BNA_G
ClientSampleId :
SB-1B1-(3.0-3.5)

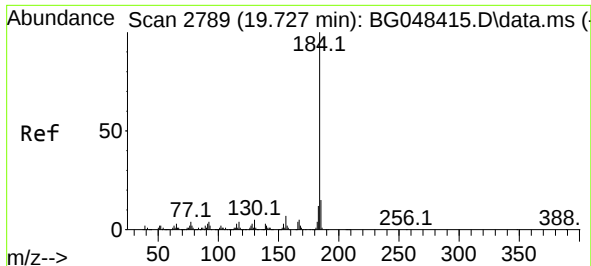
Tgt Ion	Ratio	Lower	Upper
248	100		
250	160.2	78.9	118.3#
141	510.6	46.2	69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.781 min Scan# 3139
Delta R.T. -0.011 min
Lab File: BG048480.D
Acq: 23 Mar 2021 21:53

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.0	6.2	9.4#
236	25.4	20.5	30.7

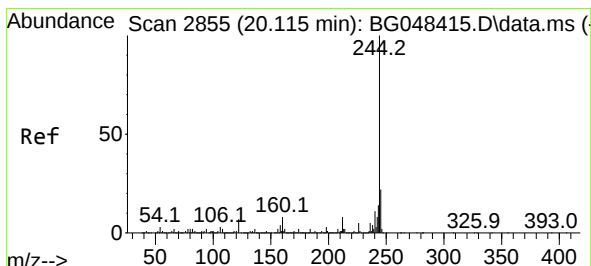
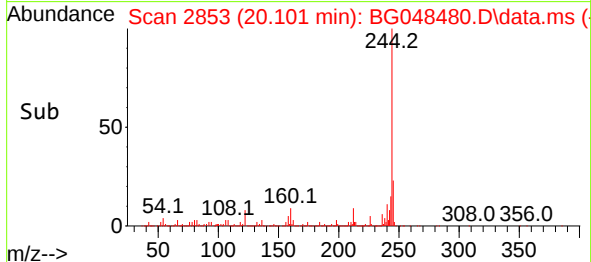
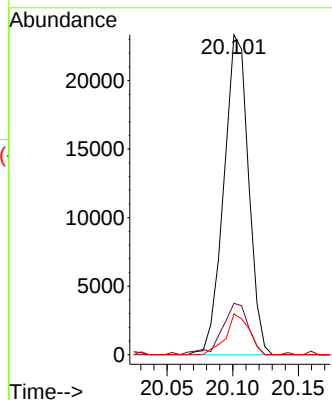
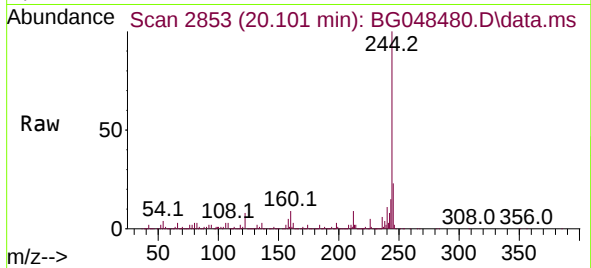




#77
Benzidine
Concen: 3.50 ng
RT: 20.101 min Scan# 2853
Delta R.T. 0.376 min
Lab File: BG048480.D
Acq: 23 Mar 2021 21:53

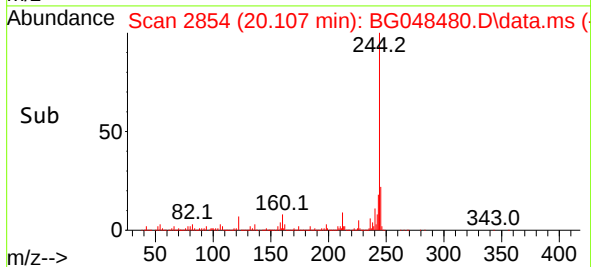
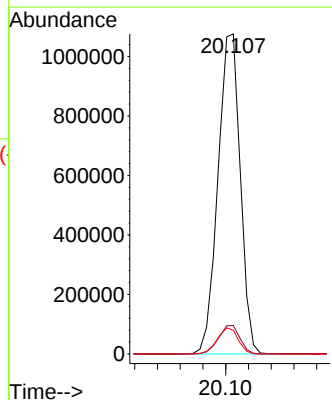
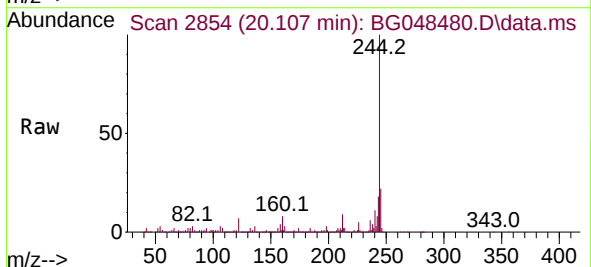
Instrument :
BNA_G
ClientSampleId :
SB-1B1-(3.0-3.5)

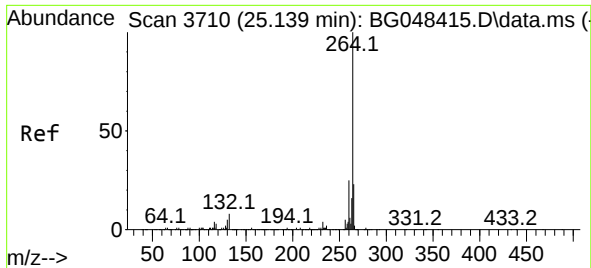
Tgt Ion:184 Resp: 30502
Ion Ratio Lower Upper
184 100
185 16.0 12.4 18.6
183 12.8 10.6 15.8



#79
Terphenyl-d14
Concen: 90.77 ng
RT: 20.107 min Scan# 2854
Delta R.T. 0.000 min
Lab File: BG048480.D
Acq: 23 Mar 2021 21:53

Tgt Ion:244 Resp: 1466254
Ion Ratio Lower Upper
244 100
212 8.9 6.7 10.1
122 7.4 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: BG048480.D
 Acq: 23 Mar 2021 21:53

Instrument :
 BNA_G
 ClientSampleId :
 SB-1B1-(3.0-3.5)

Tgt Ion:264	Resp:	313940
Ion Ratio	Lower	Upper
264	100	
260	25.9	18.8 28.2
265	22.6	17.8 26.8

