

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032321\
 Data File : BG048478.D
 Acq On : 23 Mar 2021 20:32
 Operator : CG/JU
 Sample : M1755-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B2B

Quant Time: Mar 24 02:20:44 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)

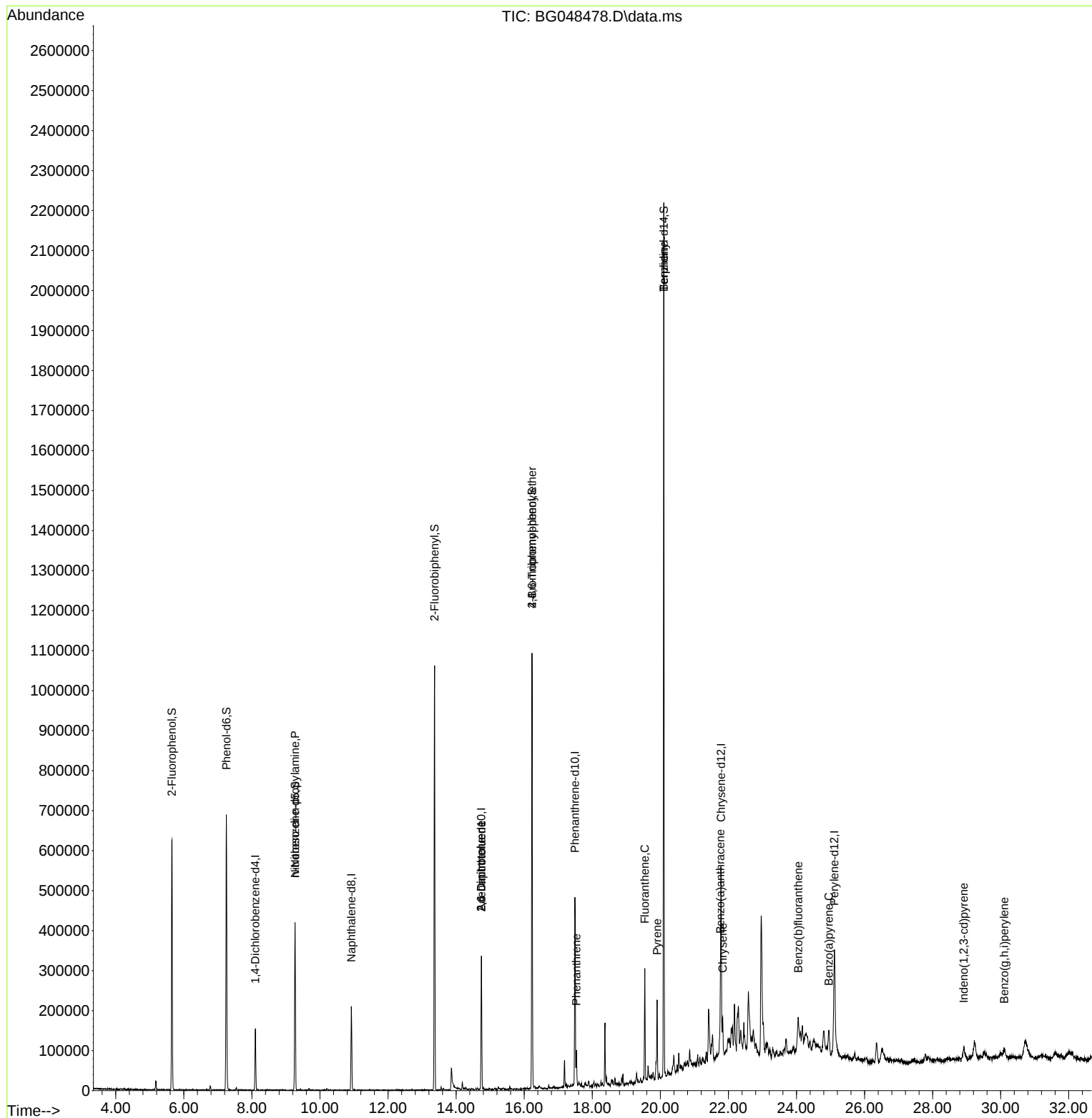
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.103	152	37872	20.00	ng	# 0.00
21) Naphthalene-d8	10.923	136	162475	20.00	ng	# 0.00
39) Acenaphthene-d10	14.742	164	116730	20.00	ng	0.00
64) Phenanthrene-d10	17.492	188	278605	20.00	ng	# 0.00
76) Chrysene-d12	21.781	240	270396	20.00	ng	#-0.01
86) Perylene-d12	25.112	264	277154	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.647	112	245222	107.08	ng	0.00
7) Phenol-d6	7.251	99	338375	101.54	ng	0.00
23) Nitrobenzene-d5	9.266	82	256879	63.22	ng	0.00
42) 2,4,6-Tribromophenol	16.229	330	197075	103.81	ng	0.00
45) 2-Fluorobiphenyl	13.367	172	521537	64.27	ng	0.00
79) Terphenyl-d14	20.101	244	927715	61.87	ng	0.00
Target Compounds						
9) Benzaldehyde	7.257	77	1147	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.266	70	38819	15.69	ng	# 70
51) 2,6-Dinitrotoluene	14.742	165	15624	7.64	ng	# 37
57) 2,4-Dinitrotoluene	14.742	165	15624	5.38	ng	# 35
67) 4-Bromophenyl-phenylether	16.229	248	12117	3.45	ng	# 1
71) Phenanthrene	17.533	178	48998	3.33	ng	97
75) Fluoranthene	19.543	202	165183	8.43	ng	93
77) Benzidine	20.101	184	18673	2.31	ng	# 91
78) Pyrene	19.907	202	129229	6.96	ng	95
81) Benzo(a)anthracene	21.763	228	55014	2.93	ng	94
83) Chrysene	21.834	228	67997	3.78	ng	96
87) Indeno(1,2,3-cd)pyrene	28.914	276	53008	2.51	ng	# 86
88) Benzo(b)fluoranthene	24.049	252	99335	5.09	ng	93
90) Benzo(a)pyrene	24.948	252	64058	3.60	ng	94
92) Benzo(g,h,i)perylene	30.101	276	49109	2.81	ng	# 94

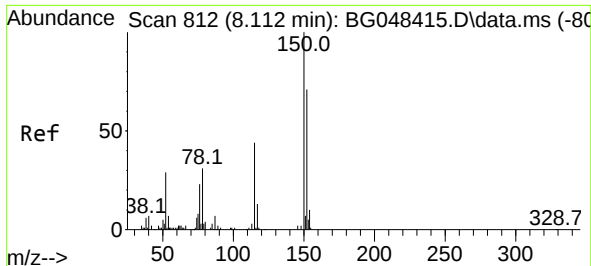
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032321\
Data File : BG048478.D
Acq On : 23 Mar 2021 20:32
Operator : CG/JU
Sample : M1755-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B2B

Quant Time: Mar 24 02:20:44 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

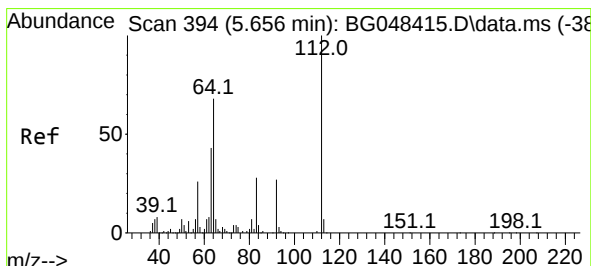
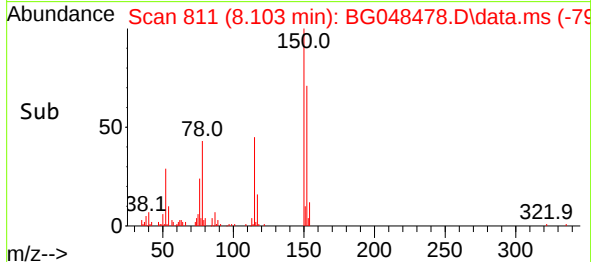
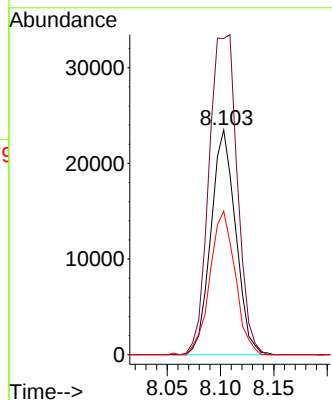
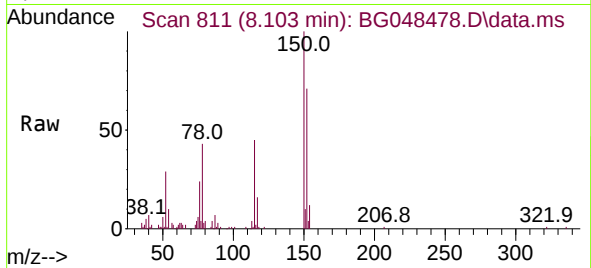




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.103 min Scan# 811
Delta R.T. 0.000 min
Lab File: BG048478.D
Acq: 23 Mar 2021 20:32

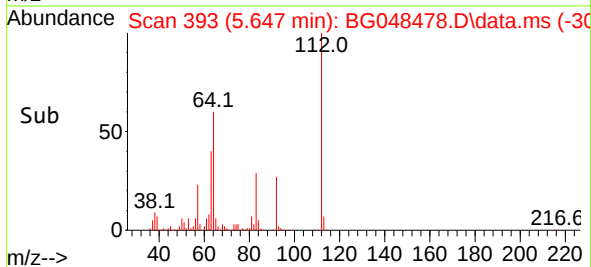
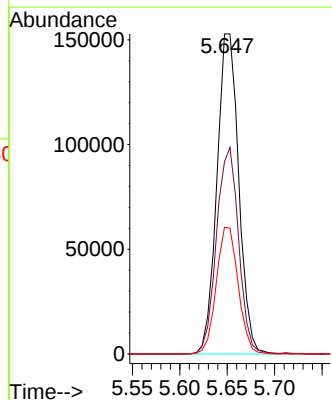
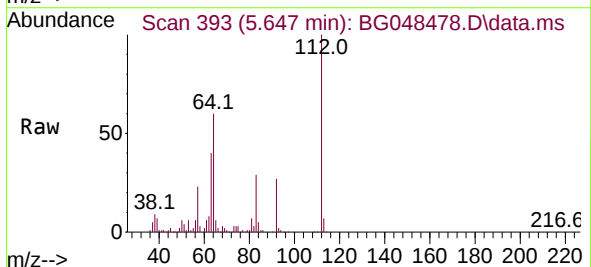
Instrument :
BNA_G
ClientSampled :
B2B

Tgt Ion:152 Resp: 37872
Ion Ratio Lower Upper
152 100
150 140.7 125.0 187.6
115 63.9 41.8 62.6#



#5
2-Fluorophenol
Concen: 107.08 ng
RT: 5.647 min Scan# 393
Delta R.T. 0.000 min
Lab File: BG048478.D
Acq: 23 Mar 2021 20:32

Tgt Ion:112 Resp: 245222
Ion Ratio Lower Upper
112 100
64 60.1 46.7 70.1
63 39.6 22.8 34.2#

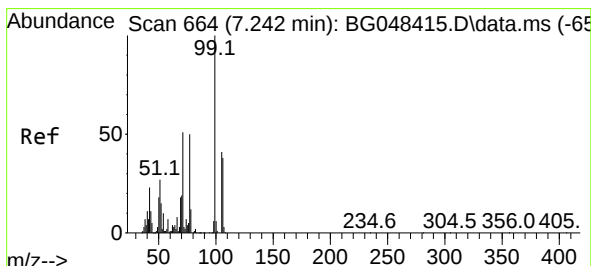
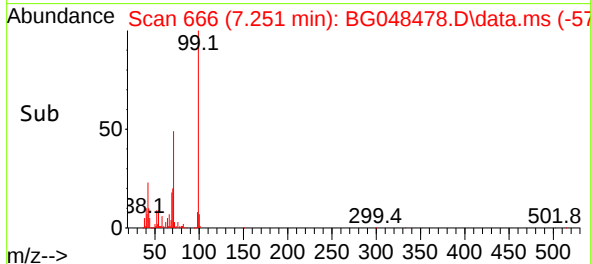
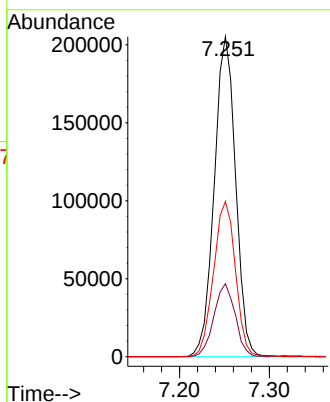
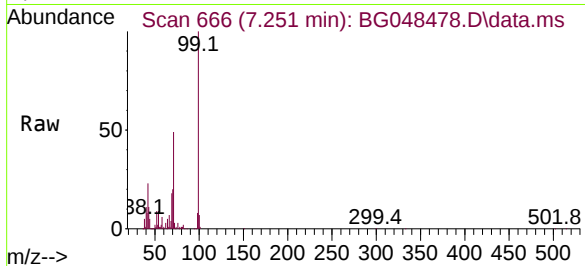




#7
Phenol-d6
Concen: 101.54 ng
RT: 7.251 min Scan# 666
Delta R.T. 0.000 min
Lab File: BG048478.D
Acq: 23 Mar 2021 20:32

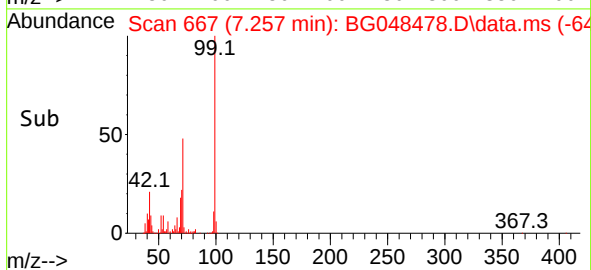
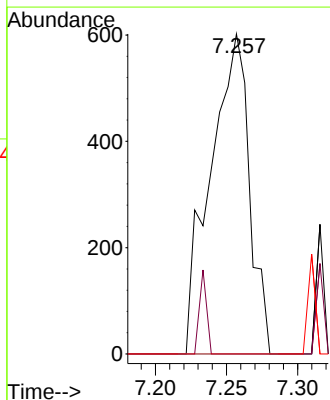
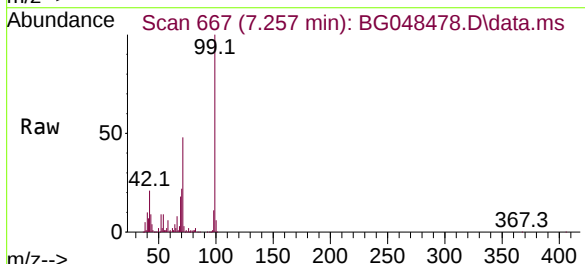
Instrument :
BNA_G
ClientSampled :
B2B

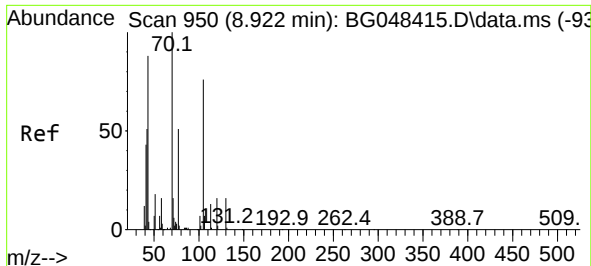
Tgt Ion: 99 Resp: 338375
Ion Ratio Lower Upper
99 100
42 22.8 12.8 19.2#
71 48.5 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.257 min Scan# 667
Delta R.T. 0.018 min
Lab File: BG048478.D
Acq: 23 Mar 2021 20:32

Tgt Ion: 77 Resp: 1147
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#

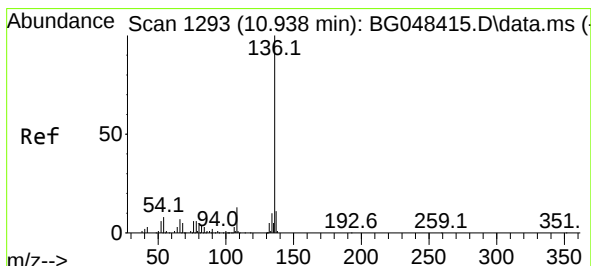
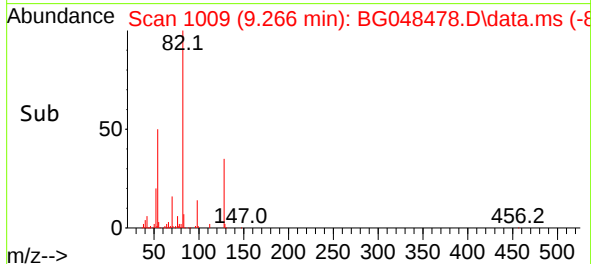
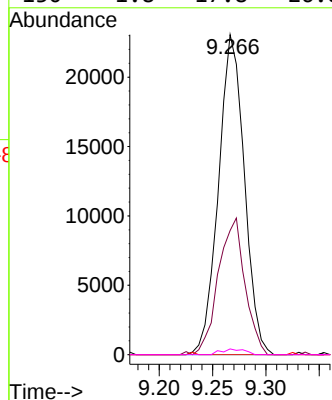
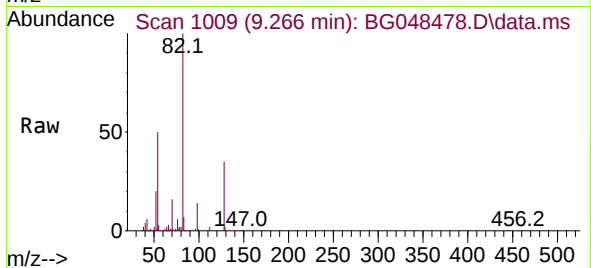




#19
n-Nitroso-di-n-propylamine
Concen: 15.69 ng
RT: 9.266 min Scan# 1009
Delta R.T. 0.353 min
Lab File: BG048478.D
Acq: 23 Mar 2021 20:32

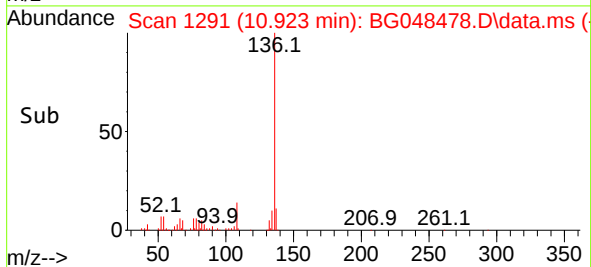
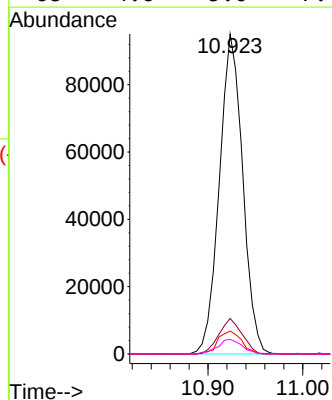
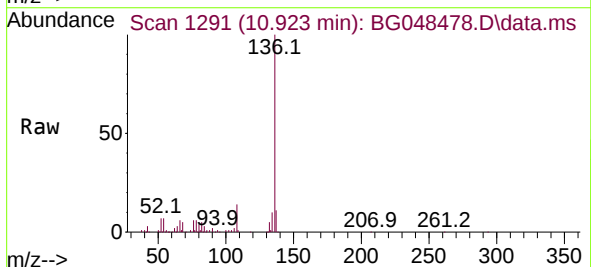
Instrument :
BNA_G
ClientSampled :
B2B

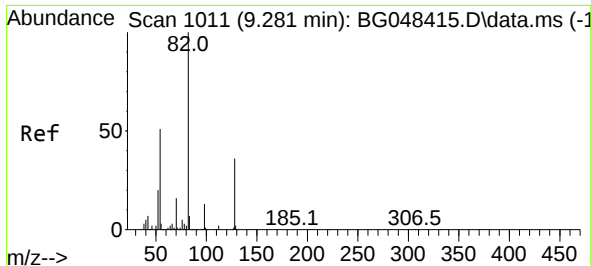
Tgt Ion: 70	Resp: 38819
Ion Ratio	Lower Upper
70 100	
42 38.8	45.6 68.4#
101 0.0	8.4 12.6#
130 1.8	17.8 26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.923 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BG048478.D
Acq: 23 Mar 2021 20:32

Tgt Ion: 136	Resp: 162475
Ion Ratio	Lower Upper
136 100	
137 11.1	9.1 13.7
54 7.1	6.2 9.4
68 4.6	5.0 7.4#

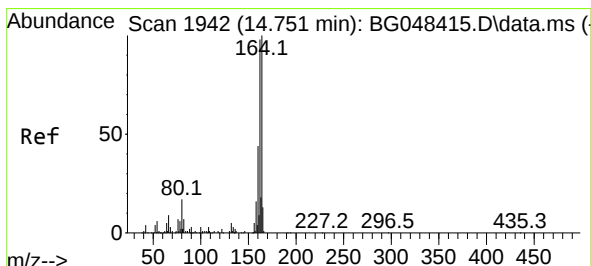
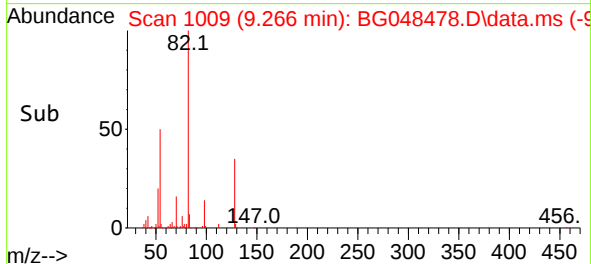
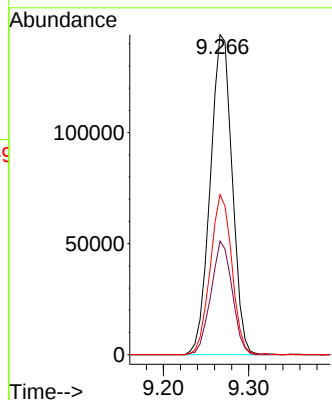
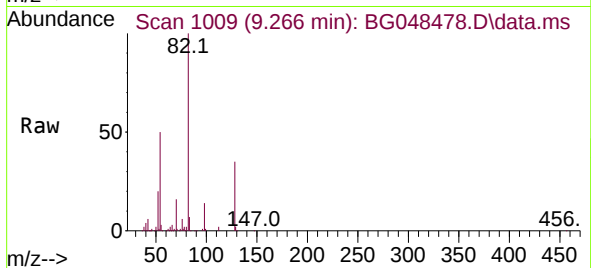




#23
Nitrobenzene-d5
Concen: 63.22 ng
RT: 9.266 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BG048478.D
Acq: 23 Mar 2021 20:32

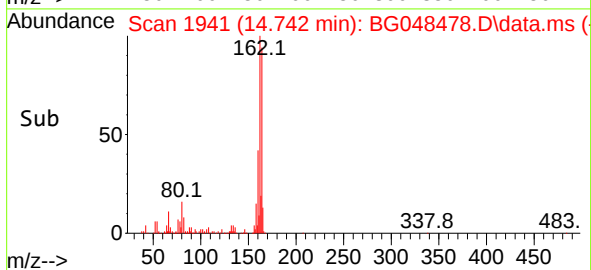
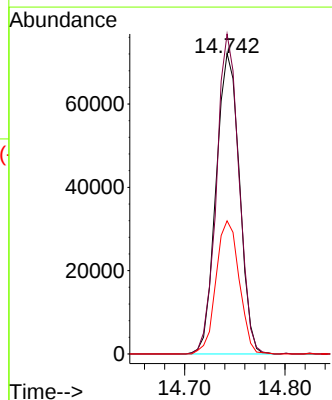
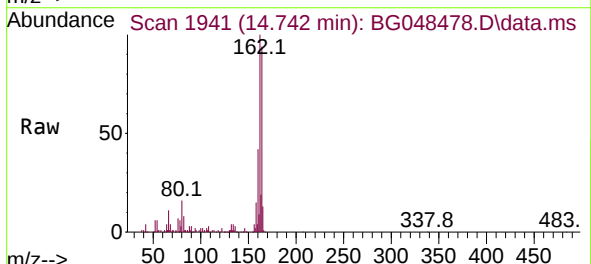
Instrument :
BNA_G
ClientSampled :
B2B

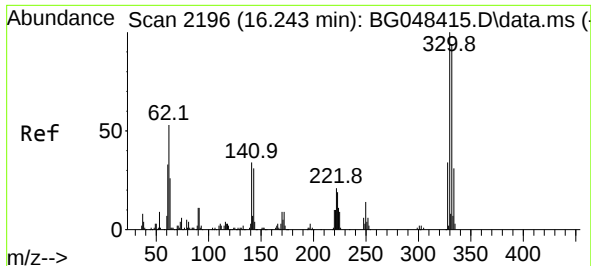
Tgt Ion: 82 Resp: 256879
Ion Ratio Lower Upper
82 100
128 35.5 37.0 55.6#
54 50.0 39.0 58.4



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.742 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BG048478.D
Acq: 23 Mar 2021 20:32

Tgt Ion: 164 Resp: 116730
Ion Ratio Lower Upper
164 100
162 106.4 82.3 123.5
160 44.3 35.3 52.9

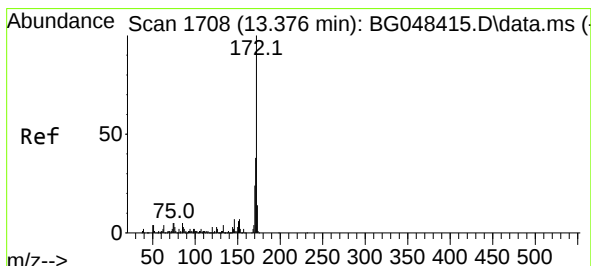
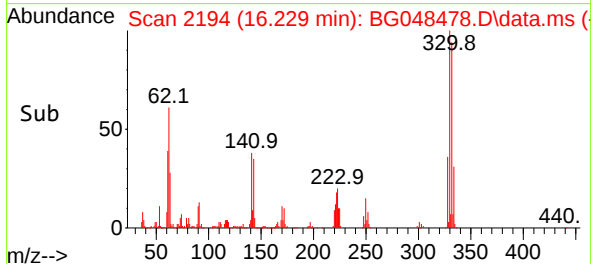
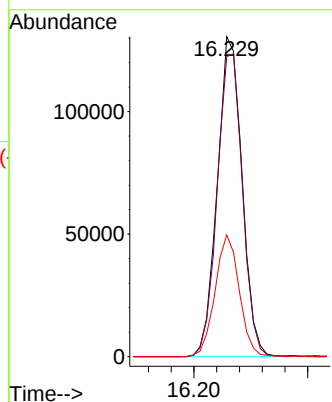
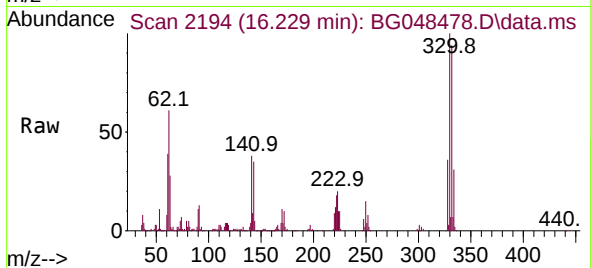




#42
2,4,6-Tribromophenol
Concen: 103.81 ng
RT: 16.229 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BG048478.D
Acq: 23 Mar 2021 20:32

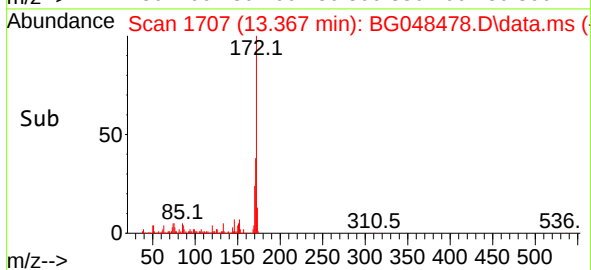
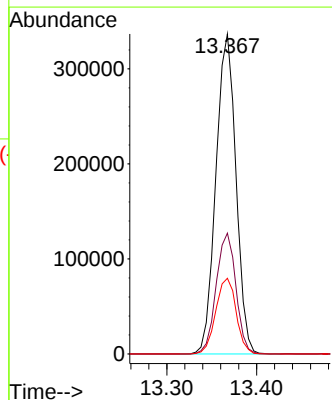
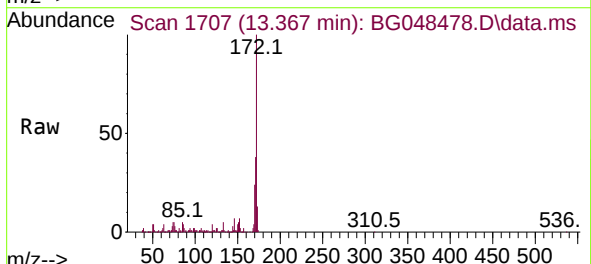
Instrument :
BNA_G
ClientSampled :
B2B

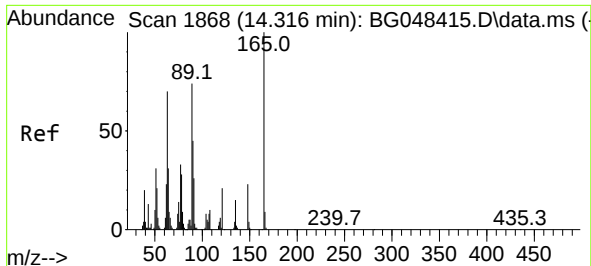
Tgt Ion:330 Resp: 197075
Ion Ratio Lower Upper
330 100
332 96.7 76.5 114.7
141 37.2 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 64.27 ng
RT: 13.367 min Scan# 1707
Delta R.T. 0.000 min
Lab File: BG048478.D
Acq: 23 Mar 2021 20:32

Tgt Ion:172 Resp: 521537
Ion Ratio Lower Upper
172 100
171 37.8 31.3 46.9
170 23.6 20.8 31.2

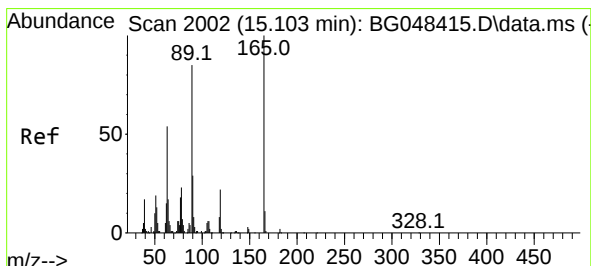
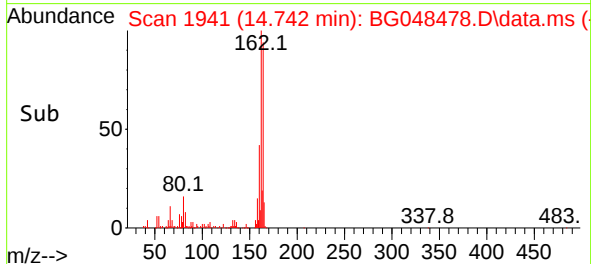
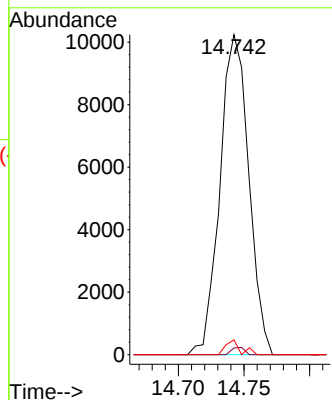
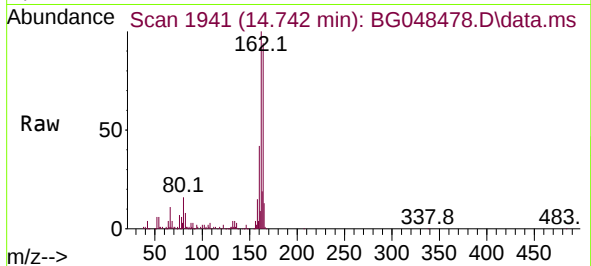




#51
2,6-Dinitrotoluene
Concen: 7.64 ng
RT: 14.742 min Scan# 1941
Delta R.T. 0.429 min
Lab File: BG048478.D
Acq: 23 Mar 2021 20:32

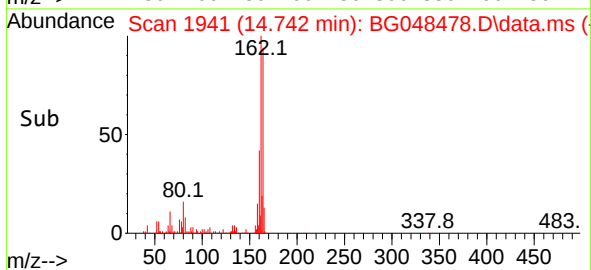
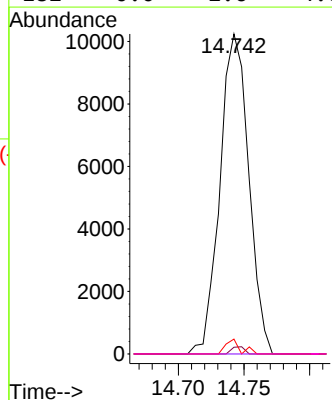
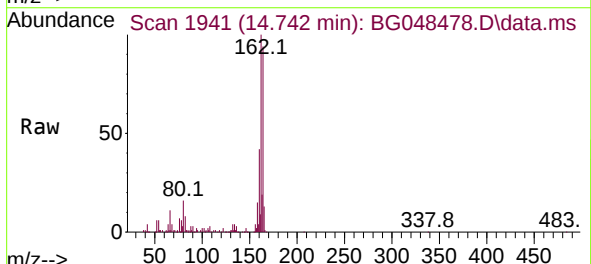
Instrument :
BNA_G
ClientSampled :
B2B

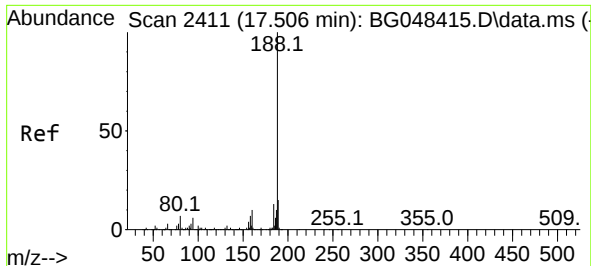
Tgt Ion:165 Resp: 15624
Ion Ratio Lower Upper
165 100
63 2.1 33.7 50.5#
89 4.6 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 5.38 ng
RT: 14.742 min Scan# 1941
Delta R.T. -0.358 min
Lab File: BG048478.D
Acq: 23 Mar 2021 20:32

Tgt Ion:165 Resp: 15624
Ion Ratio Lower Upper
165 100
63 2.1 26.4 39.6#
89 4.6 47.8 71.8#
182 0.0 2.6 4.0#

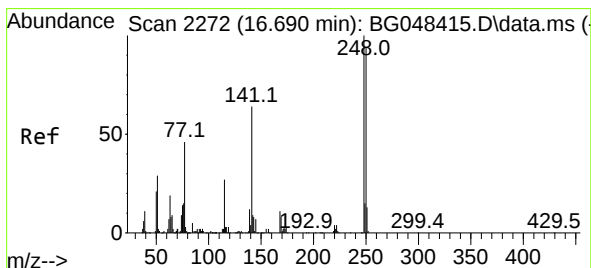
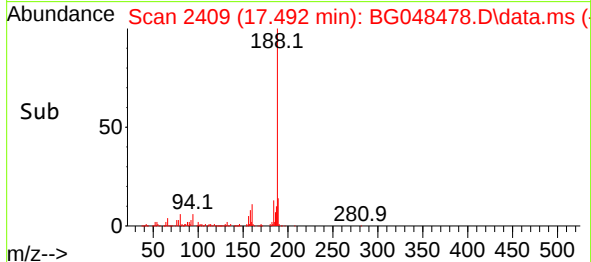
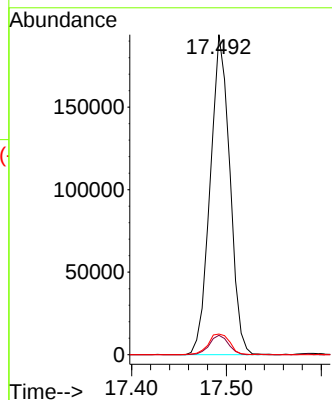
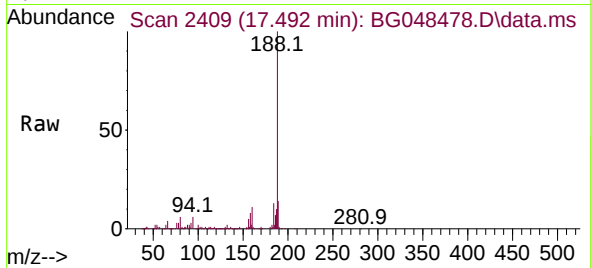




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.492 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BG048478.D
Acq: 23 Mar 2021 20:32

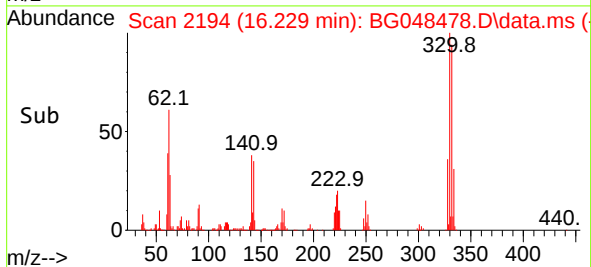
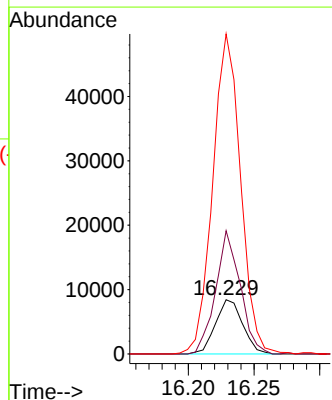
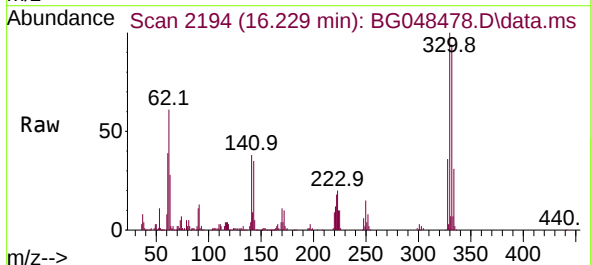
Instrument :
BNA_G
ClientSampled :
B2B

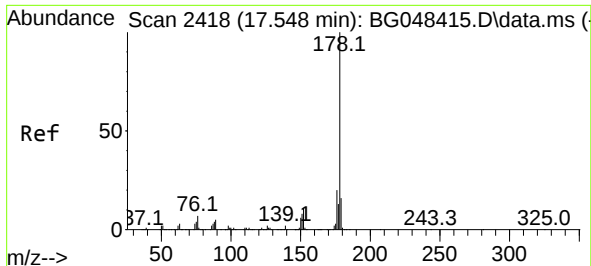
Tgt Ion:188 Resp: 278605
Ion Ratio Lower Upper
188 100
94 6.1 6.3 9.5#
80 6.4 7.0 10.6#



#67
4-Bromophenyl-phenylether
Concen: 3.45 ng
RT: 16.229 min Scan# 2194
Delta R.T. -0.452 min
Lab File: BG048478.D
Acq: 23 Mar 2021 20:32

Tgt Ion:248 Resp: 12117
Ion Ratio Lower Upper
248 100
250 227.2 78.9 118.3#
141 589.9 46.2 69.4#

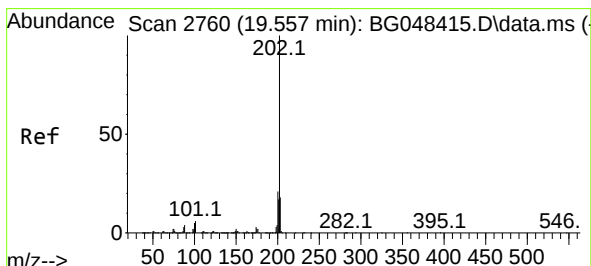
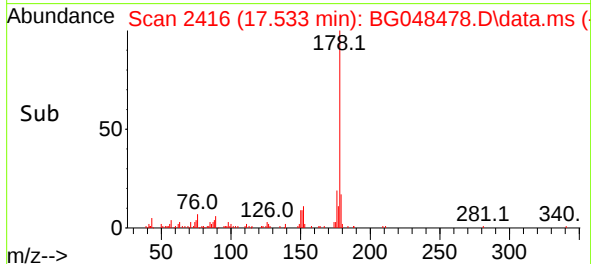
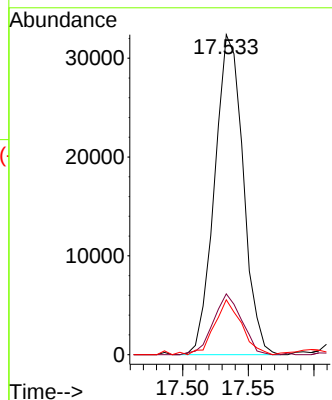
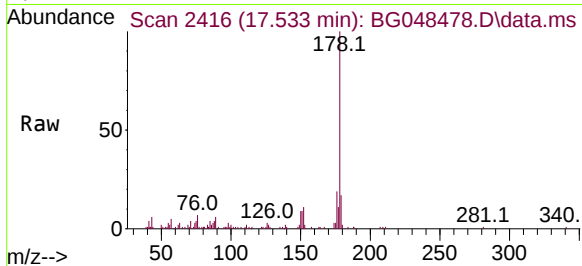




#71
Phenanthrene
Concen: 3.33 ng
RT: 17.533 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BG048478.D
Acq: 23 Mar 2021 20:32

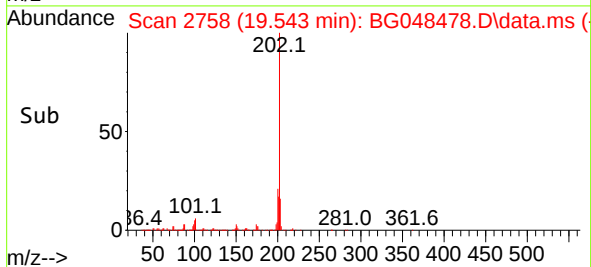
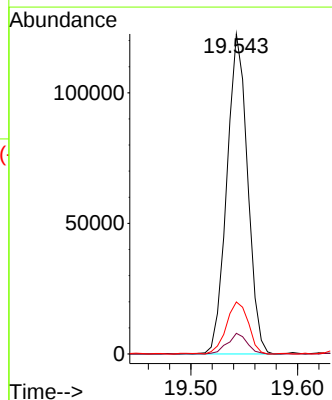
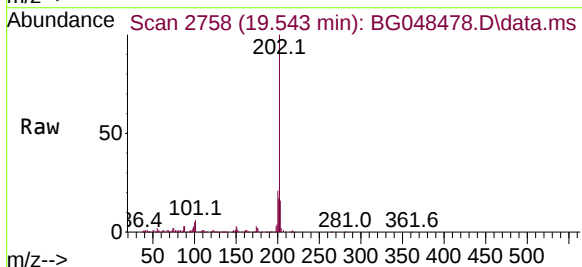
Instrument :
BNA_G
ClientSampled :
B2B

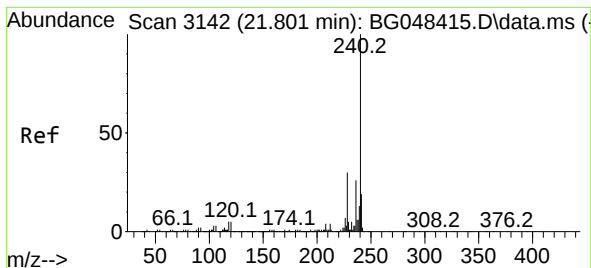
Tgt Ion:178 Resp: 48998
Ion Ratio Lower Upper
178 100
176 19.0 16.7 25.1
179 17.2 14.0 21.0



#75
Fluoranthene
Concen: 8.43 ng
RT: 19.543 min Scan# 2758
Delta R.T. -0.006 min
Lab File: BG048478.D
Acq: 23 Mar 2021 20:32

Tgt Ion:202 Resp: 165183
Ion Ratio Lower Upper
202 100
101 6.5 0.0 29.7
203 16.2 0.0 39.2

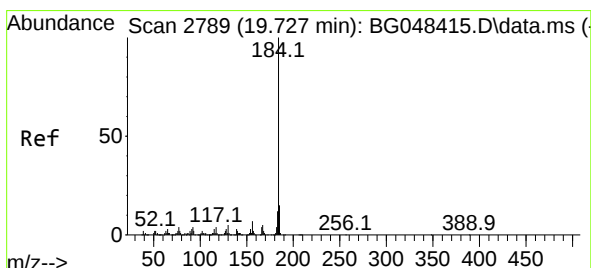
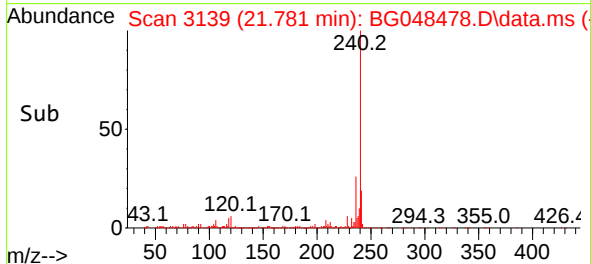
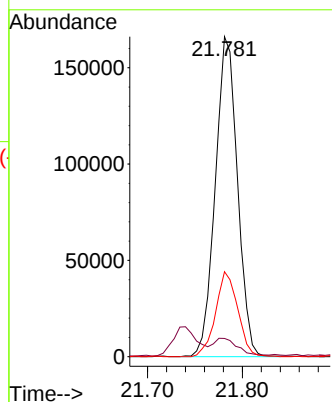
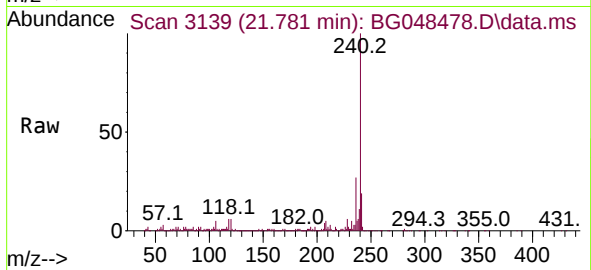




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.781 min Scan# 3139
Delta R.T. -0.011 min
Lab File: BG048478.D
Acq: 23 Mar 2021 20:32

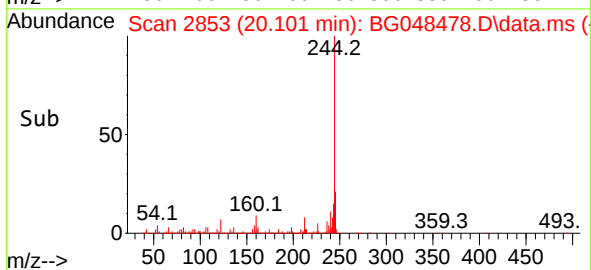
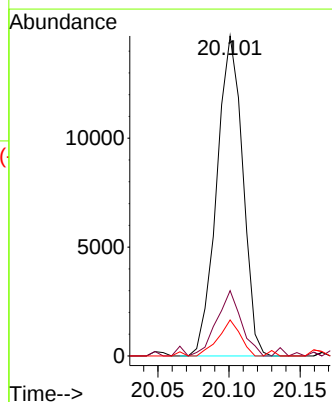
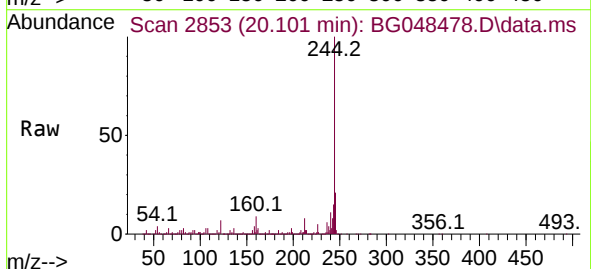
Instrument :
BNA_G
ClientSampled :
B2B

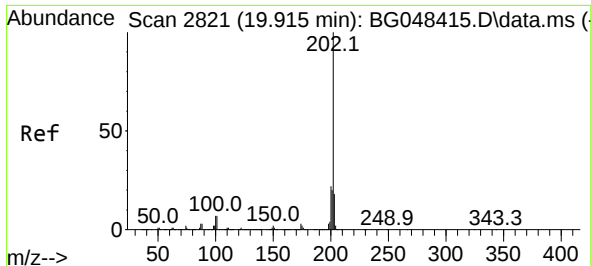
Tgt Ion:240 Resp: 270396
Ion Ratio Lower Upper
240 100
120 5.7 6.2 9.4#
236 26.6 20.5 30.7



#77
Benzidine
Concen: 2.31 ng
RT: 20.101 min Scan# 2853
Delta R.T. 0.376 min
Lab File: BG048478.D
Acq: 23 Mar 2021 20:32

Tgt Ion:184 Resp: 18673
Ion Ratio Lower Upper
184 100
185 20.4 12.4 18.6#
183 11.3 10.6 15.8

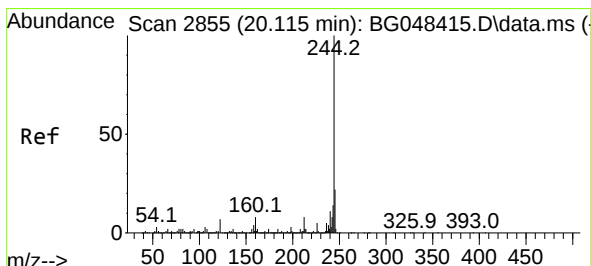
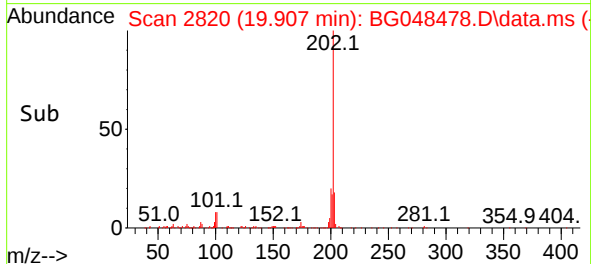
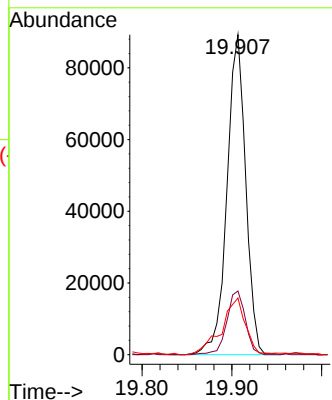
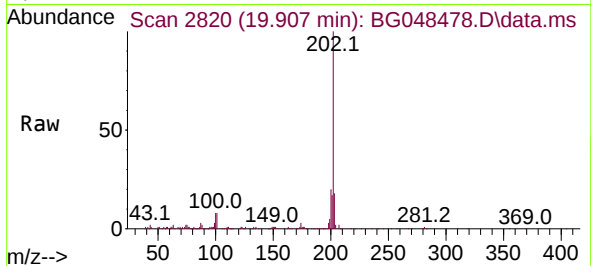




#78
Pyrene
Concen: 6.96 ng
RT: 19.907 min Scan# 2820
Delta R.T. -0.006 min
Lab File: BG048478.D
Acq: 23 Mar 2021 20:32

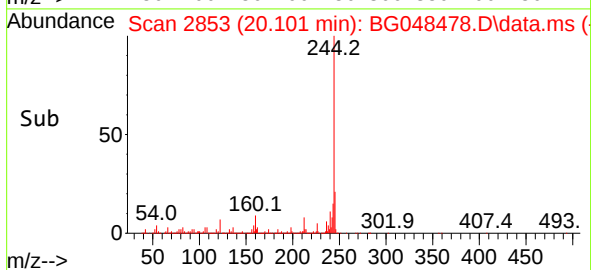
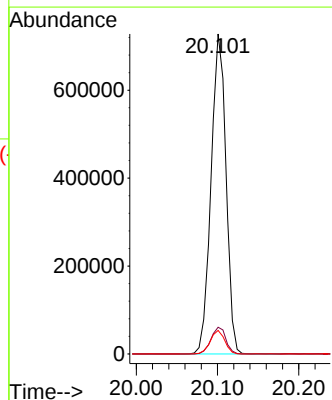
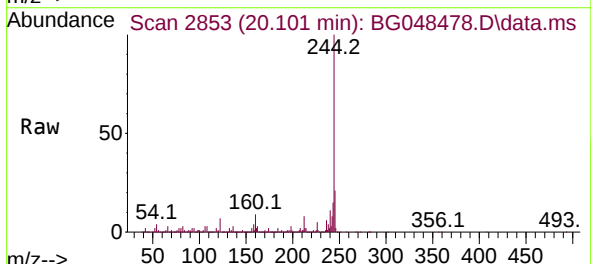
Instrument :
BNA_G
ClientSampled :
B2B

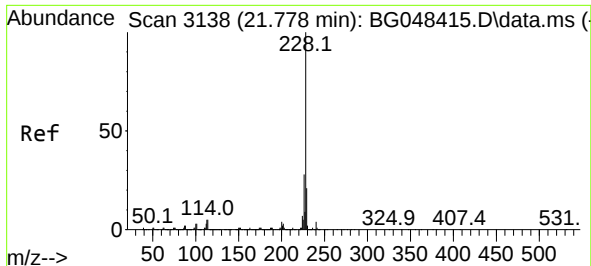
Tgt Ion:202 Resp: 129229
Ion Ratio Lower Upper
202 100
200 19.9 18.6 27.8
203 17.7 15.3 22.9



#79
Terphenyl-d14
Concen: 61.87 ng
RT: 20.101 min Scan# 2853
Delta R.T. -0.006 min
Lab File: BG048478.D
Acq: 23 Mar 2021 20:32

Tgt Ion:244 Resp: 927715
Ion Ratio Lower Upper
244 100
212 8.4 6.7 10.1
122 7.4 7.8 11.6#

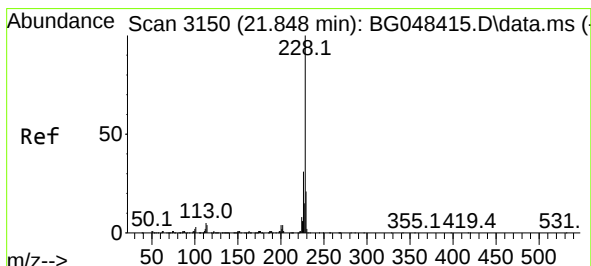
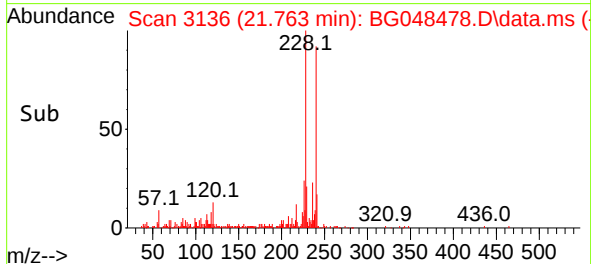
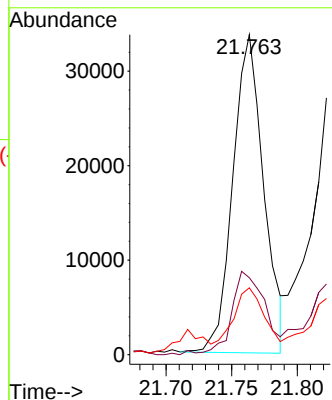
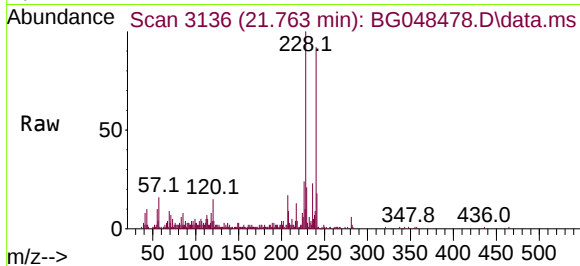




#81
Benzo(a)anthracene
Concen: 2.93 ng
RT: 21.763 min Scan# 3136
Delta R.T. -0.006 min
Lab File: BG048478.D
Acq: 23 Mar 2021 20:32

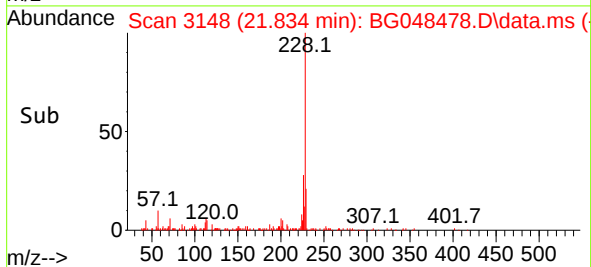
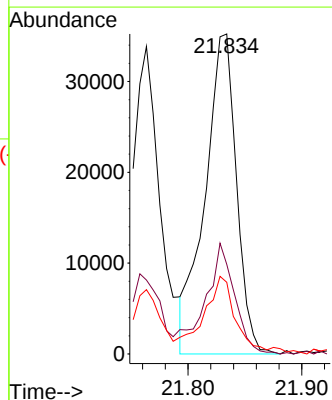
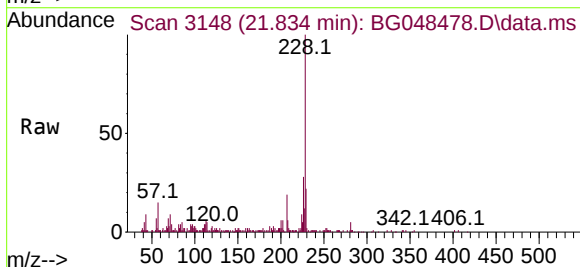
Instrument :
BNA_G
ClientSampleId :
B2B

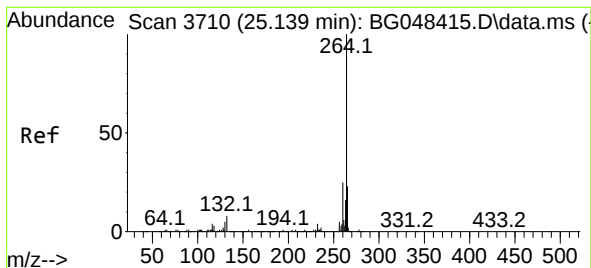
Tgt Ion:228 Resp: 55014
Ion Ratio Lower Upper
228 100
226 24.0 23.3 34.9
229 20.9 17.4 26.0



#83
Chrysene
Concen: 3.78 ng
RT: 21.834 min Scan# 3148
Delta R.T. -0.006 min
Lab File: BG048478.D
Acq: 23 Mar 2021 20:32

Tgt Ion:228 Resp: 67997
Ion Ratio Lower Upper
228 100
226 28.0 25.0 37.4
229 22.4 17.3 25.9

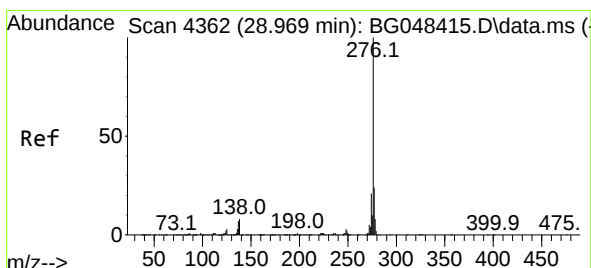
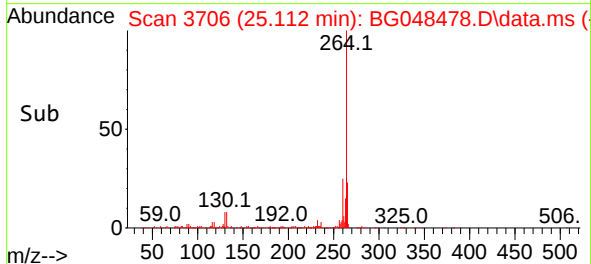
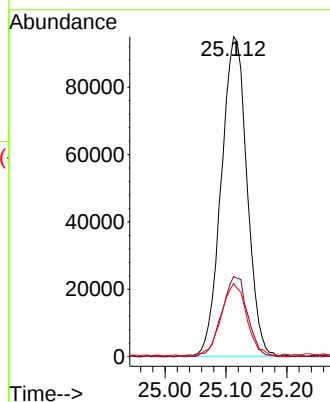
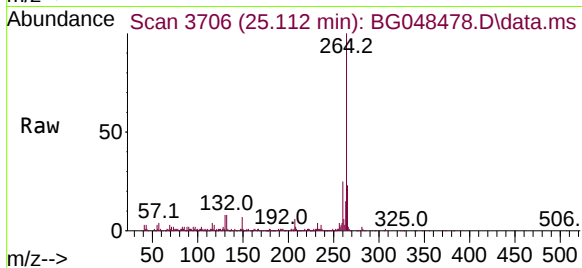




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.112 min Scan# 3706
 Delta R.T. -0.011 min
 Lab File: BG048478.D
 Acq: 23 Mar 2021 20:32

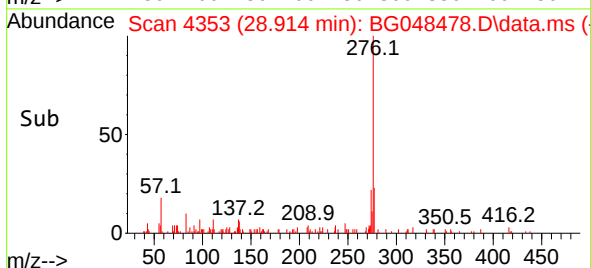
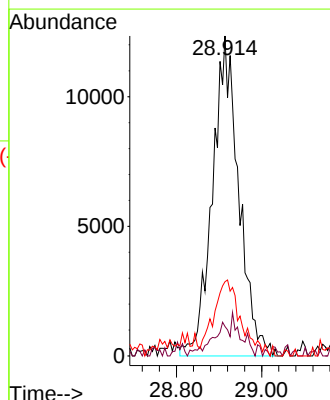
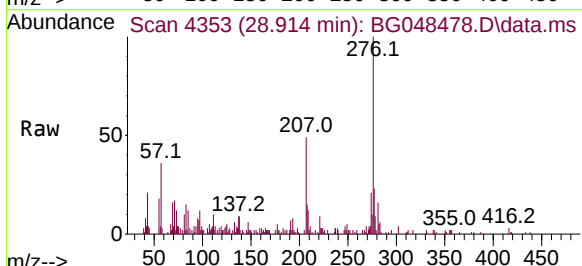
Instrument :
 BNA_G
 ClientSampled :
 B2B

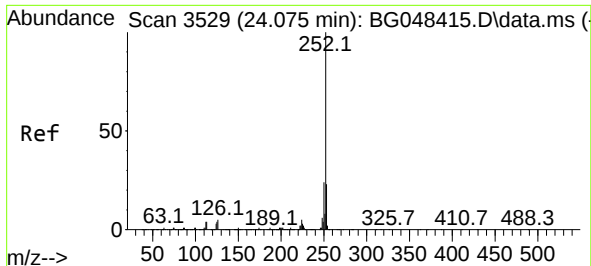
Tgt Ion:	264	Resp:	277154
Ion Ratio	Lower	Upper	
264	100		
260	25.0	18.8	28.2
265	22.8	17.8	26.8



#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.51 ng
 RT: 28.914 min Scan# 4353
 Delta R.T. -0.035 min
 Lab File: BG048478.D
 Acq: 23 Mar 2021 20:32

Tgt Ion:	276	Resp:	53008
Ion Ratio	Lower	Upper	
276	100		
138	6.8	16.2	24.2#
277	24.4	20.3	30.5

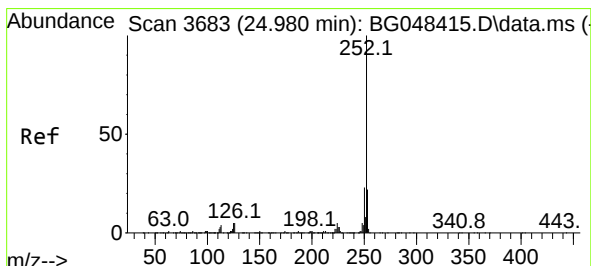
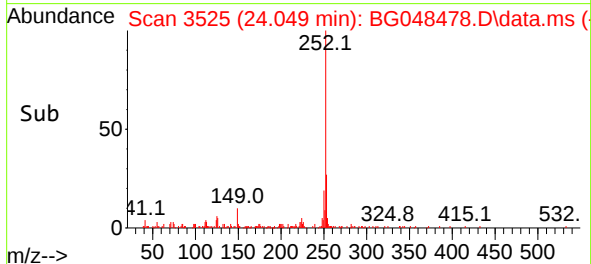
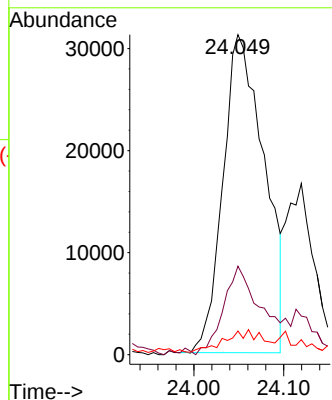
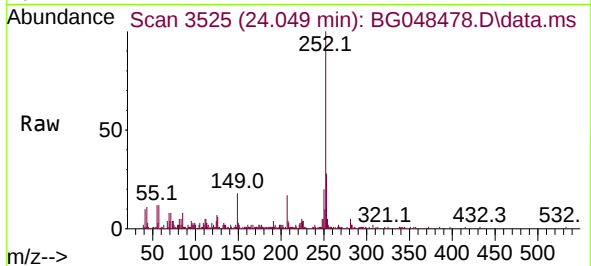




#88
Benzo(b)fluoranthene
Concen: 5.09 ng
RT: 24.049 min Scan# 3525
Delta R.T. -0.011 min
Lab File: BG048478.D
Acq: 23 Mar 2021 20:32

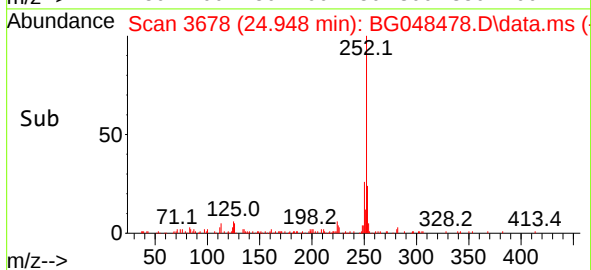
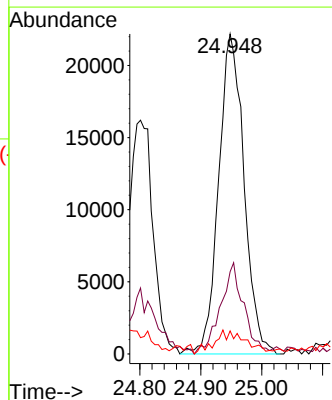
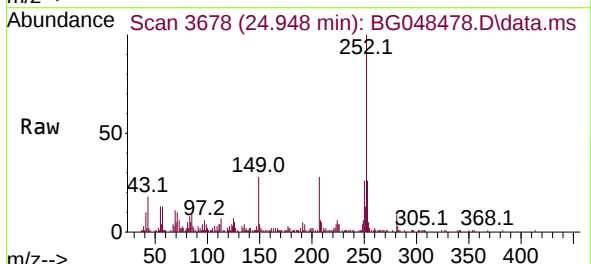
Instrument :
BNA_G
ClientSampled :
B2B

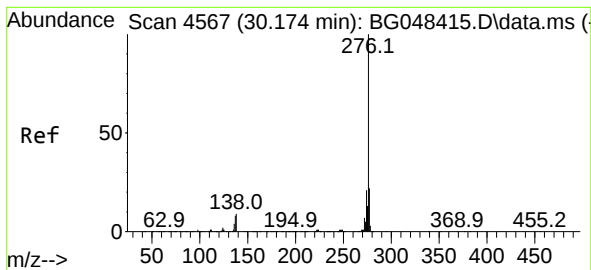
Tgt Ion:252 Resp: 99335
Ion Ratio Lower Upper
252 100
253 27.7 18.7 28.1
125 7.4 6.5 9.7



#90
Benzo(a)pyrene
Concen: 3.60 ng
RT: 24.948 min Scan# 3678
Delta R.T. -0.023 min
Lab File: BG048478.D
Acq: 23 Mar 2021 20:32

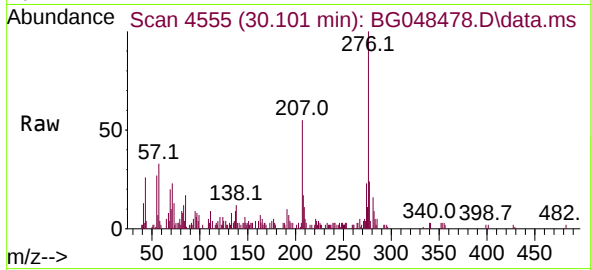
Tgt Ion:252 Resp: 64058
Ion Ratio Lower Upper
252 100
253 25.7 17.9 26.9
125 7.2 7.0 10.4





#92
 Benzo(g,h,i)perylene
 Concen: 2.81 ng
 RT: 30.101 min Scan# 4555
 Delta R.T. -0.047 min
 Lab File: BG048478.D
 Acq: 23 Mar 2021 20:32

Instrument :
 BNA_G
 ClientSampleId :
 B2B



Tgt Ion:	276	Resp:	49109
Ion Ratio	Lower	Upper	
276	100		
277	23.5	19.6	29.4
138	12.1	13.4	20.2#

