

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041921\
 Data File : BG048785.D
 Acq On : 20 Apr 2021 5:45
 Operator : CG/JU
 Sample : M2080-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 2516

Quant Time: Apr 20 06:24:33 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 16 15:59:00 2021
 Response via : Initial Calibration

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

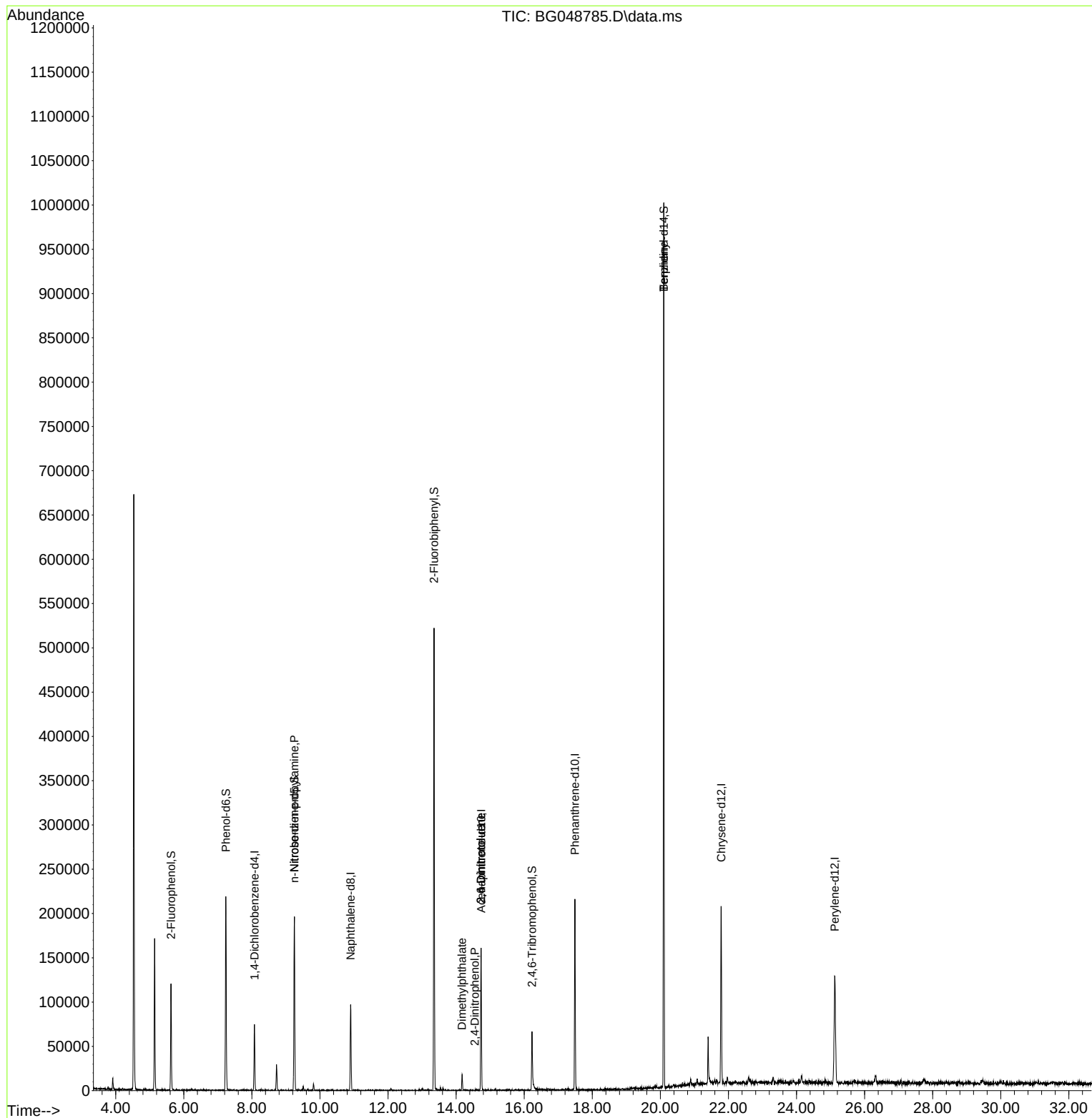
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.075	152	17171	20.00	ng	0.00
21) Naphthalene-d8	10.901	136	77272	20.00	ng	#-0.01
39) Acenaphthene-d10	14.738	164	56511	20.00	ng	0.00
64) Phenanthrene-d10	17.488	188	136974	20.00	ng	#-0.01
76) Chrysene-d12	21.789	240	128897	20.00	ng	-0.01
86) Perylene-d12	25.120	264	128750	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.625	112	45371	44.19	ng	0.00
7) Phenol-d6	7.235	99	108389	74.64	ng	0.00
23) Nitrobenzene-d5	9.250	82	106922	61.95	ng	0.00
42) 2,4,6-Tribromophenol	16.230	330	13728	18.12	ng	0.00
45) 2-Fluorobiphenyl	13.352	172	250845	64.10	ng	0.00
79) Terphenyl-d14	20.102	244	444980	59.42	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.245	70	17367	17.73	ng	# 67
50) Dimethylphthalate	14.174	163	12156	2.87	ng	# 91
51) 2,6-Dinitrotoluene	14.732	165	7693	7.87	ng	# 10
54) 2,4-Dinitrophenol	14.550	184	59	5.38	ng	# 8
57) 2,4-Dinitrotoluene	14.732	165	7693	5.42	ng	# 15
77) Benzidine	20.102	184	8681	2.48	ng	# 90

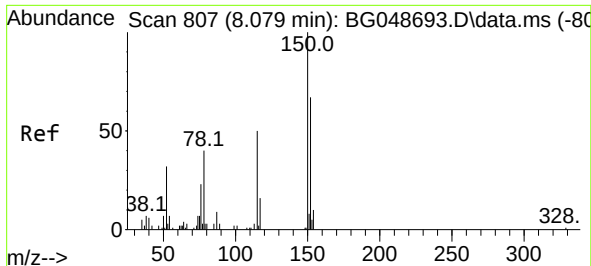
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041921\
Data File : BG048785.D
Acq On : 20 Apr 2021 5:45
Operator : CG/JU
Sample : M2080-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Time: Apr 20 06:24:33 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 16 15:59:00 2021
Response via : Initial Calibration

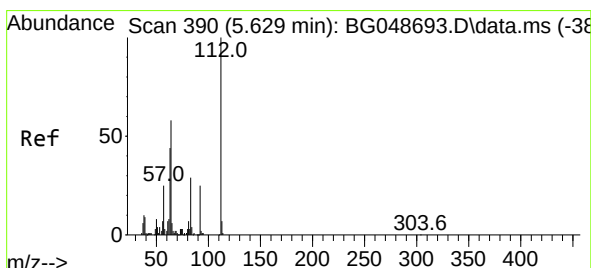
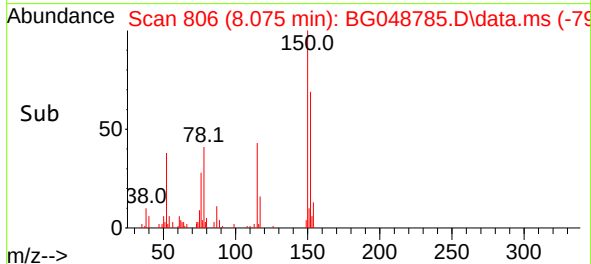
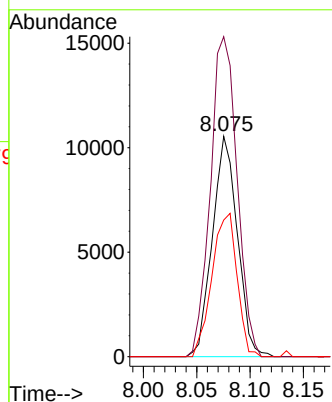
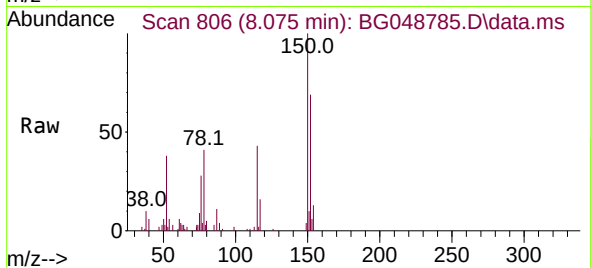




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.075 min Scan# 806
Delta R.T. -0.005 min
Lab File: BG048785.D
Acq: 20 Apr 2021 5:45

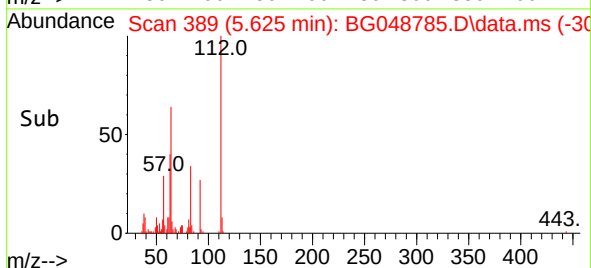
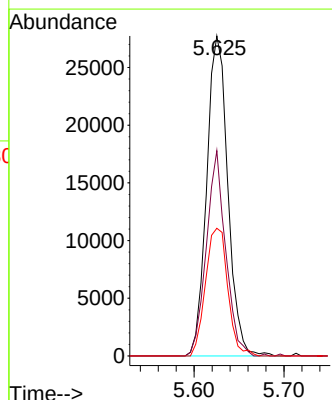
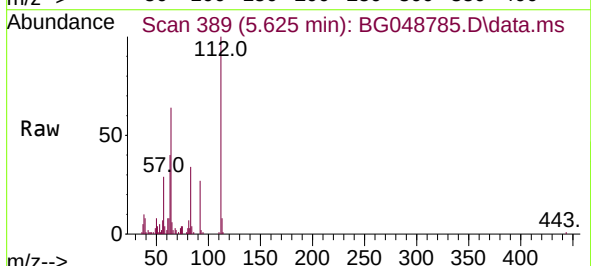
Instrument :
BNA_G
ClientSampleId :
2516

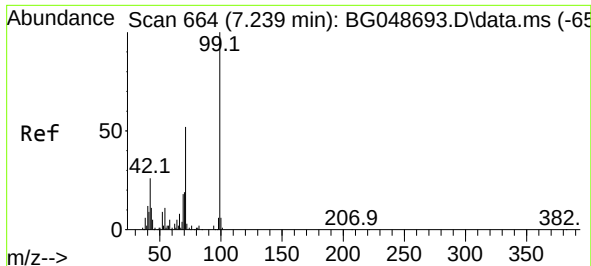
Tgt Ion:152 Resp: 17171
Ion Ratio Lower Upper
152 100
150 145.2 119.4 179.0
115 62.0 60.2 90.4



#5
2-Fluorophenol
Concen: 44.19 ng
RT: 5.625 min Scan# 389
Delta R.T. -0.005 min
Lab File: BG048785.D
Acq: 20 Apr 2021 5:45

Tgt Ion:112 Resp: 45371
Ion Ratio Lower Upper
112 100
64 64.1 46.7 70.1
63 39.9 35.3 52.9

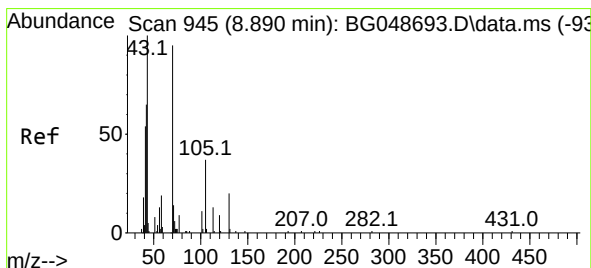
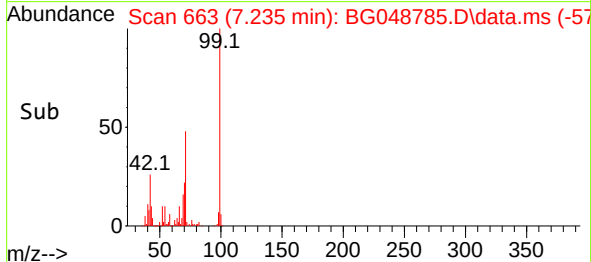
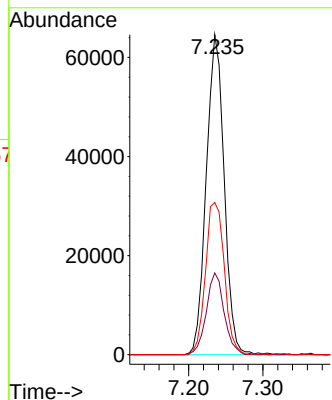
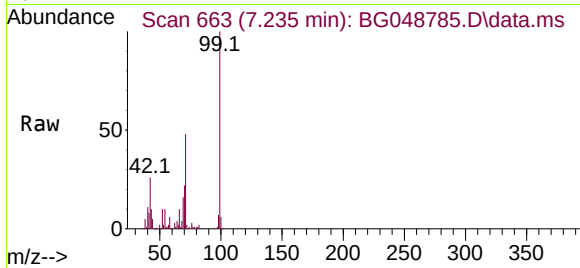




#7
Phenol-d6
Concen: 74.64 ng
RT: 7.235 min Scan# 663
Delta R.T. -0.005 min
Lab File: BG048785.D
Acq: 20 Apr 2021 5:45

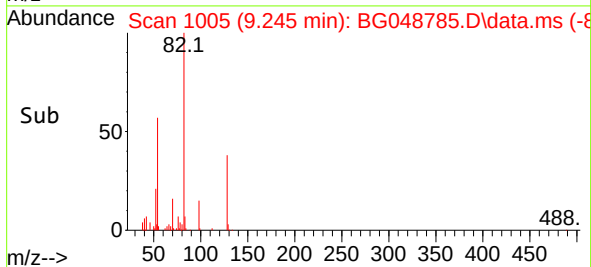
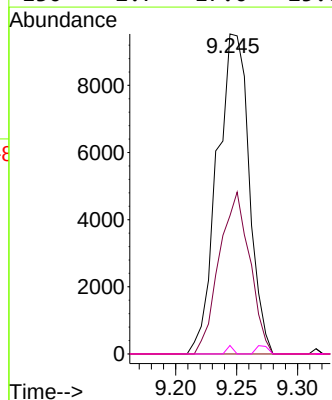
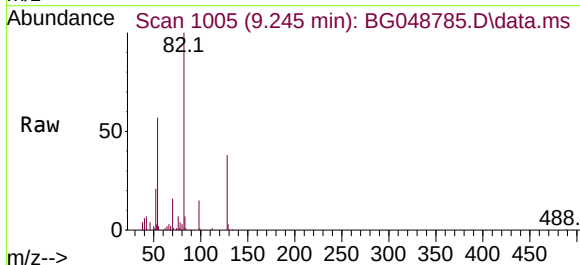
Instrument :
BNA_G
ClientSampleId :
2516

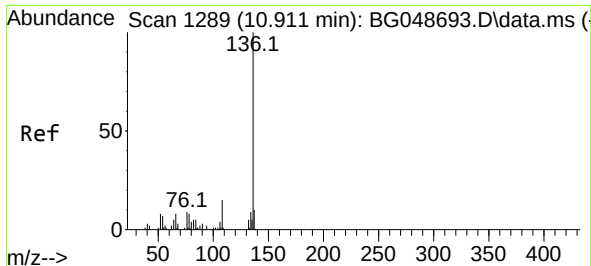
Tgt Ion: 99 Resp: 108389
Ion Ratio Lower Upper
99 100
42 25.5 20.5 30.7
71 47.6 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.73 ng
RT: 9.245 min Scan# 1005
Delta R.T. 0.354 min
Lab File: BG048785.D
Acq: 20 Apr 2021 5:45

Tgt Ion: 70 Resp: 17367
Ion Ratio Lower Upper
70 100
42 43.2 54.5 81.7#
101 0.0 9.0 13.6#
130 2.7 17.0 25.6#

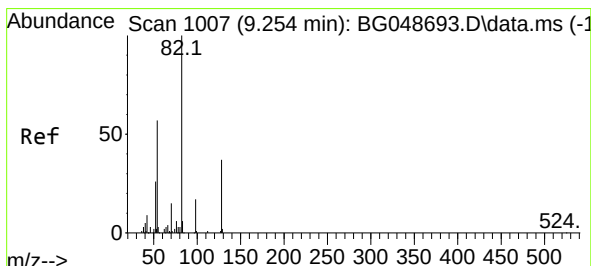
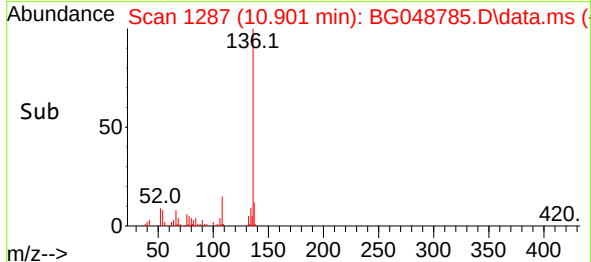
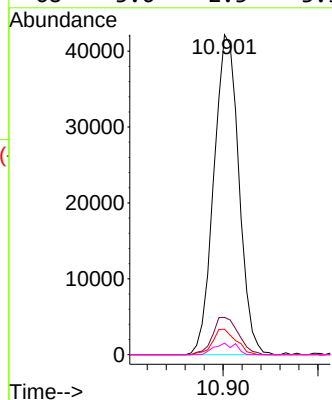
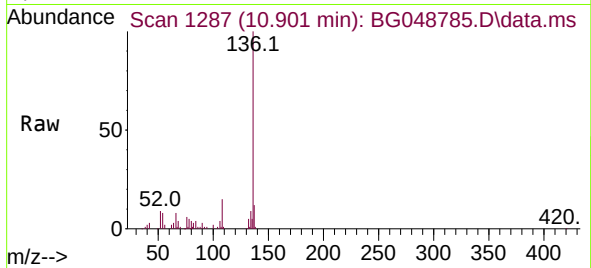




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.901 min Scan# 1287
Delta R.T. -0.011 min
Lab File: BG048785.D
Acq: 20 Apr 2021 5:45

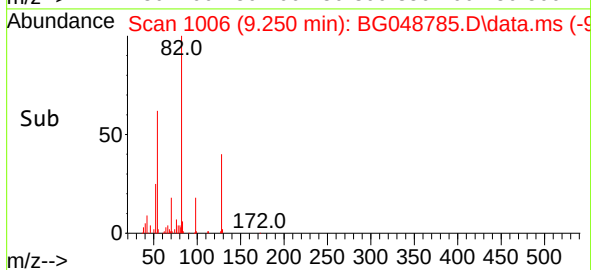
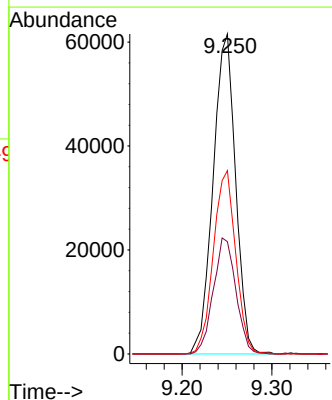
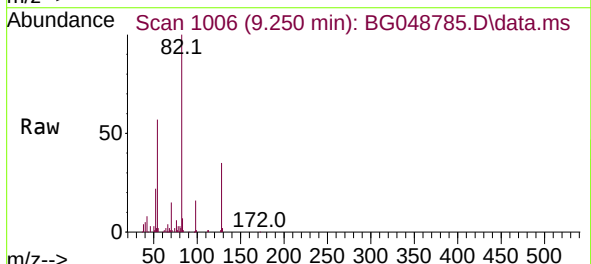
Instrument :
BNA_G
ClientSampleId :
2516

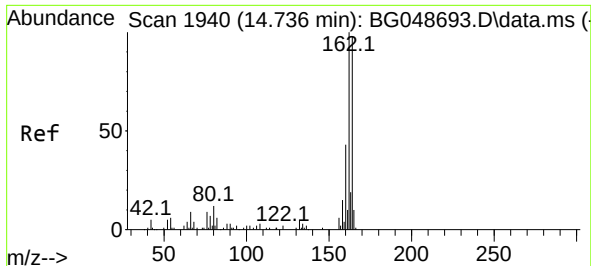
Tgt Ion:	136	Resp:	77272
Ion Ratio	Lower	Upper	
136	100		
137	11.6	8.2	12.2
54	7.9	5.5	8.3
68	3.6	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 61.95 ng
RT: 9.250 min Scan# 1006
Delta R.T. -0.005 min
Lab File: BG048785.D
Acq: 20 Apr 2021 5:45

Tgt Ion:	82	Resp:	106922
Ion Ratio	Lower	Upper	
82	100		
128	35.1	29.8	44.6
54	57.3	45.8	68.8

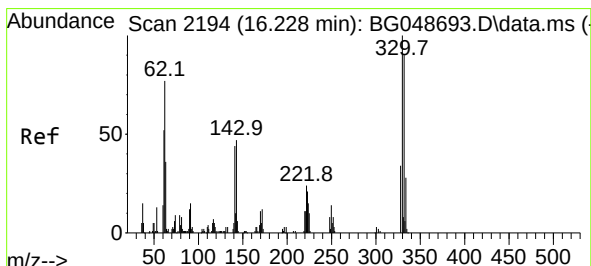
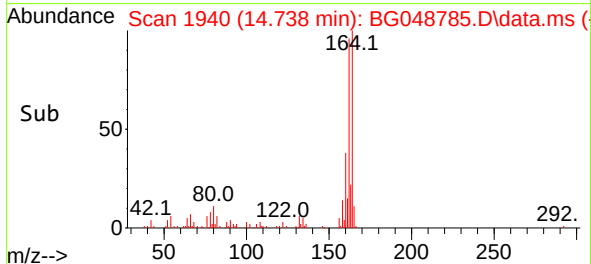
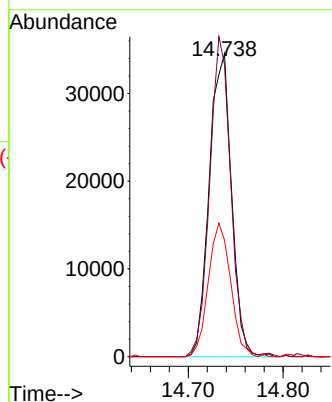
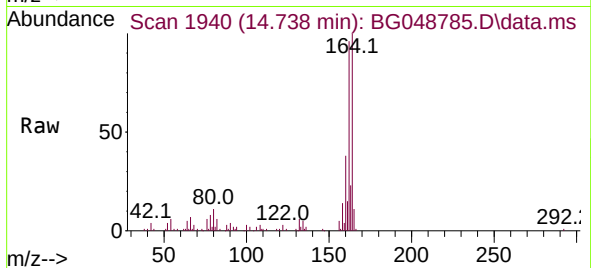




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.738 min Scan# 1940
Delta R.T. -0.005 min
Lab File: BG048785.D
Acq: 20 Apr 2021 5:45

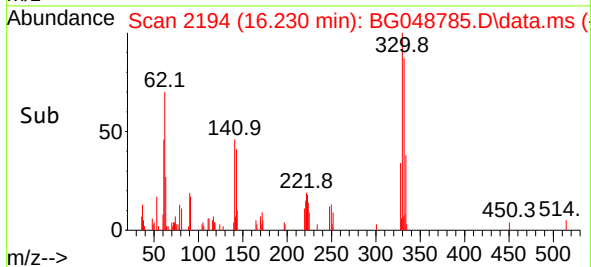
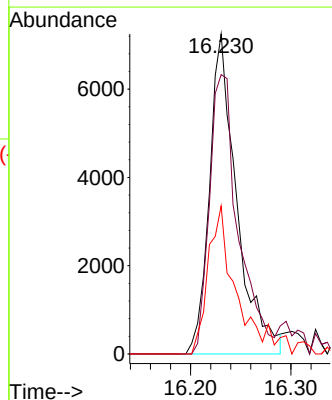
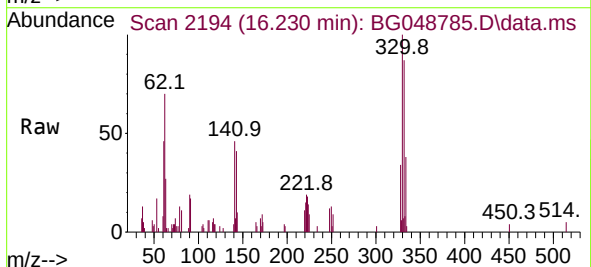
Instrument :
BNA_G
ClientSampleId :
2516

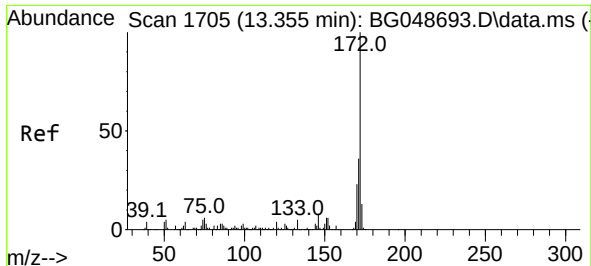
Tgt Ion:164 Resp: 56511
Ion Ratio Lower Upper
164 100
162 96.3 81.4 122.0
160 38.5 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 18.12 ng
RT: 16.230 min Scan# 2194
Delta R.T. -0.005 min
Lab File: BG048785.D
Acq: 20 Apr 2021 5:45

Tgt Ion:330 Resp: 13728
Ion Ratio Lower Upper
330 100
332 92.5 77.3 115.9
141 43.7 35.6 53.4

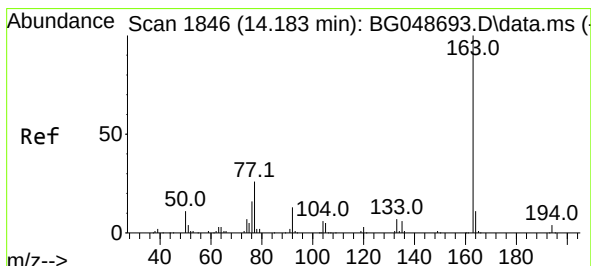
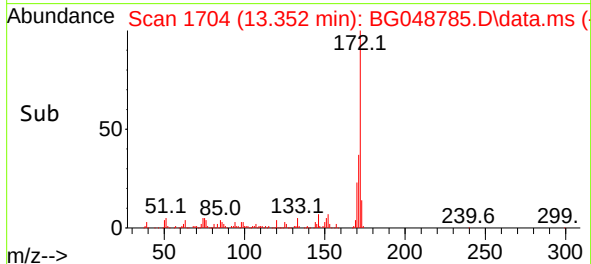
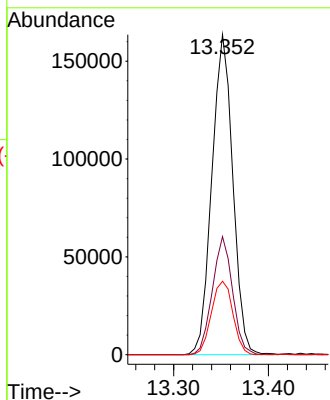
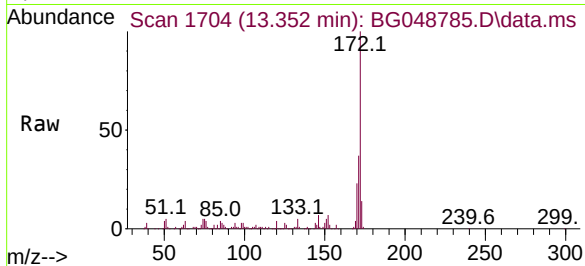




#45
2-Fluorobiphenyl
Concen: 64.10 ng
RT: 13.352 min Scan# 1704
Delta R.T. -0.005 min
Lab File: BG048785.D
Acq: 20 Apr 2021 5:45

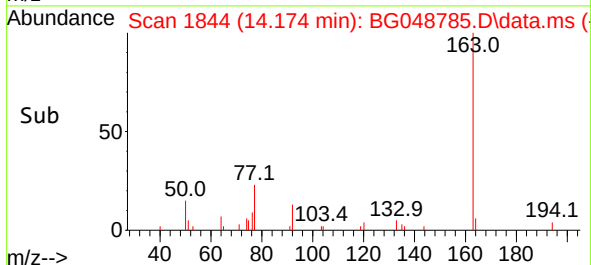
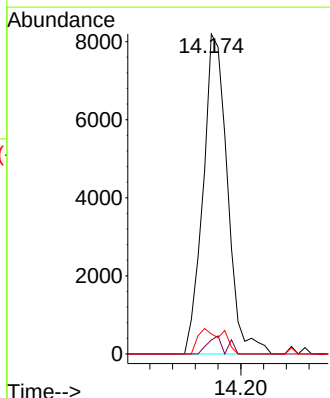
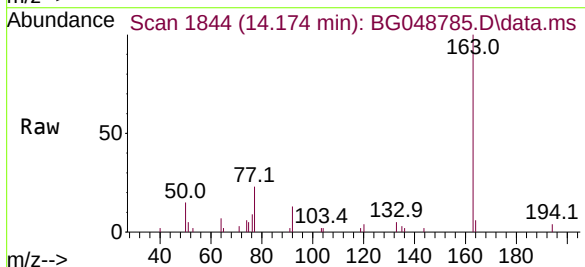
Instrument :
BNA_G
ClientSampleId :
2516

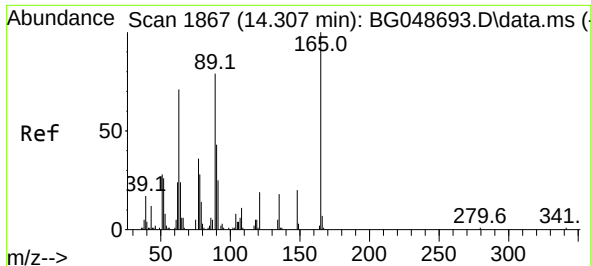
Tgt Ion:172 Resp: 250845
Ion Ratio Lower Upper
172 100
171 36.9 28.6 43.0
170 23.0 18.6 27.8



#50
Dimethylphthalate
Concen: 2.87 ng
RT: 14.174 min Scan# 1844
Delta R.T. -0.011 min
Lab File: BG048785.D
Acq: 20 Apr 2021 5:45

Tgt Ion:163 Resp: 12156
Ion Ratio Lower Upper
163 100
194 4.4 3.0 4.6
164 6.3 8.6 12.8#

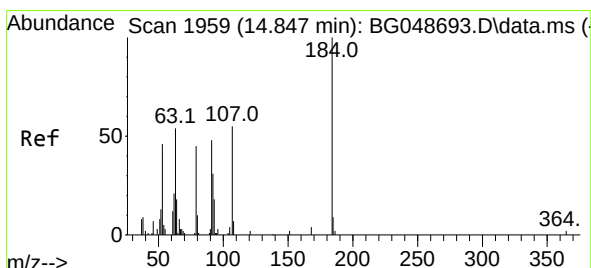
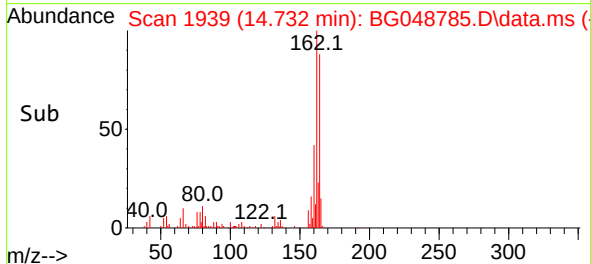
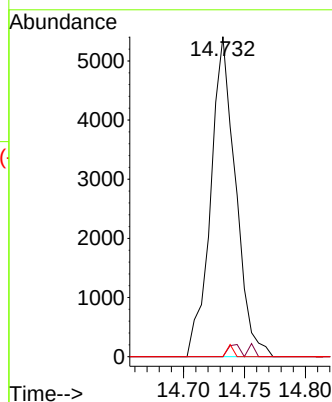
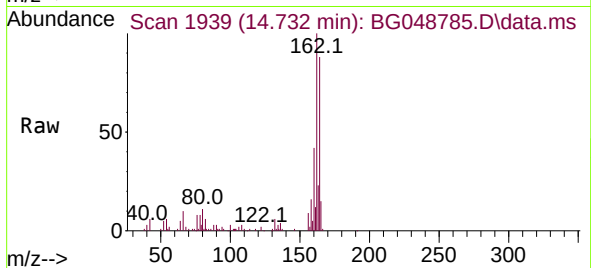




#51
2,6-Dinitrotoluene
Concen: 7.87 ng
RT: 14.732 min Scan# 1939
Delta R.T. 0.418 min
Lab File: BG048785.D
Acq: 20 Apr 2021 5:45

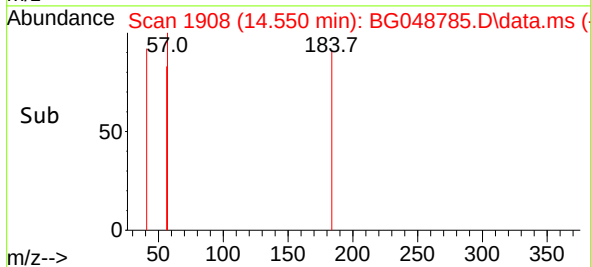
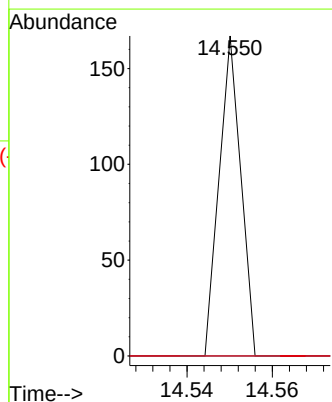
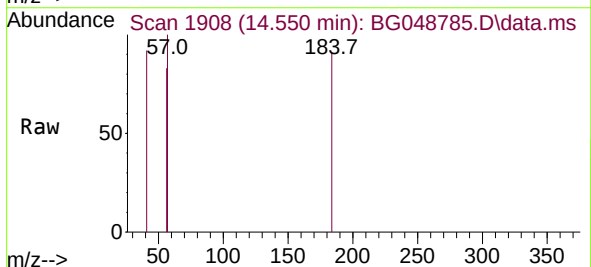
Instrument :
BNA_G
ClientSampled :
2516

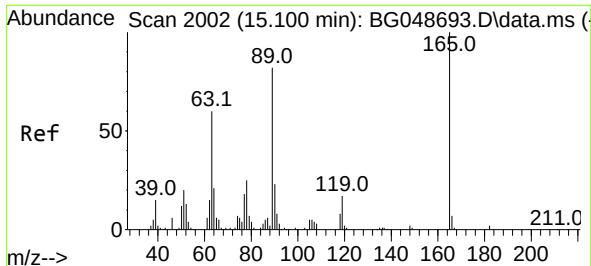
Tgt Ion:165 Resp: 7693
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#



#54
2,4-Dinitrophenol
Concen: 5.38 ng
RT: 14.550 min Scan# 1908
Delta R.T. -0.304 min
Lab File: BG048785.D
Acq: 20 Apr 2021 5:45

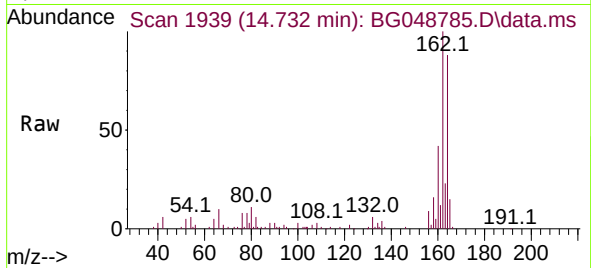
Tgt Ion:184 Resp: 59
Ion Ratio Lower Upper
184 100
63 0.0 68.3 102.5#
154 0.0 62.6 93.8#



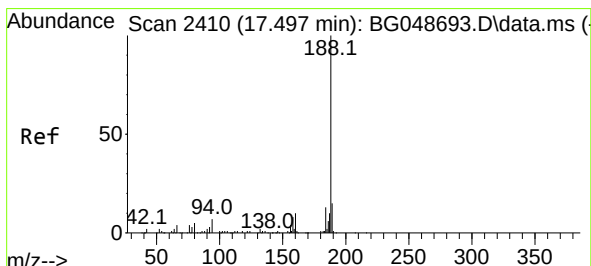
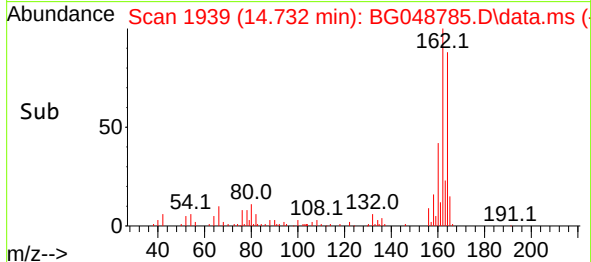
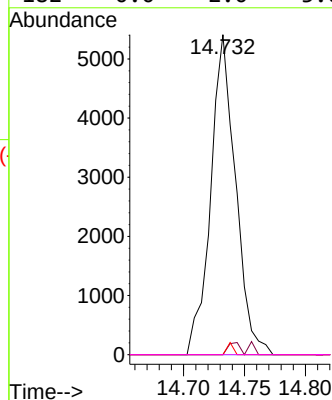


#57
2,4-Dinitrotoluene
Concen: 5.42 ng
RT: 14.732 min Scan# 1939
Delta R.T. -0.369 min
Lab File: BG048785.D
Acq: 20 Apr 2021 5:45

Instrument :
BNA_G
ClientSampleId :
2516

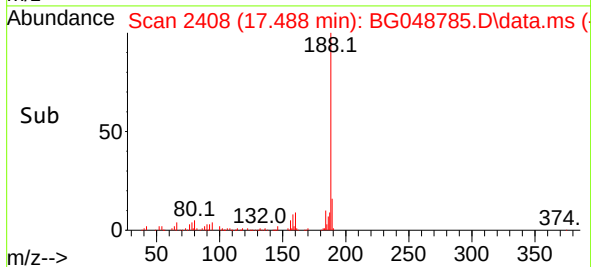
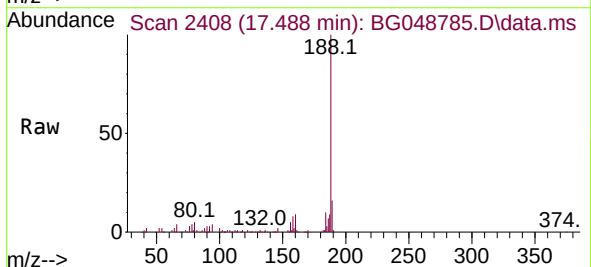
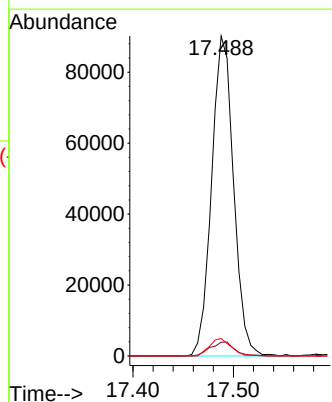


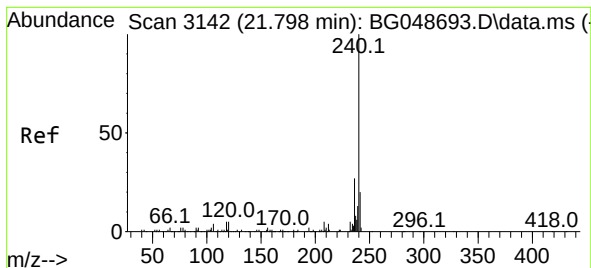
Tgt Ion:165 Resp: 7693
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.488 min Scan# 2408
Delta R.T. -0.011 min
Lab File: BG048785.D
Acq: 20 Apr 2021 5:45

Tgt Ion:188 Resp: 136974
Ion Ratio Lower Upper
188 100
94 4.3 5.4 8.0#
80 5.5 3.7 5.5

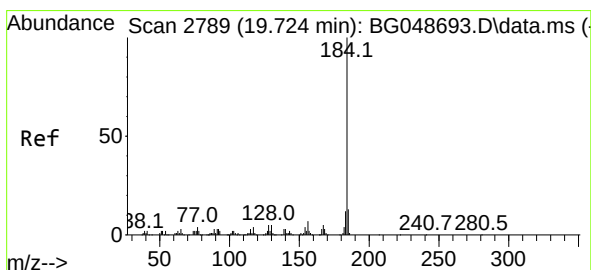
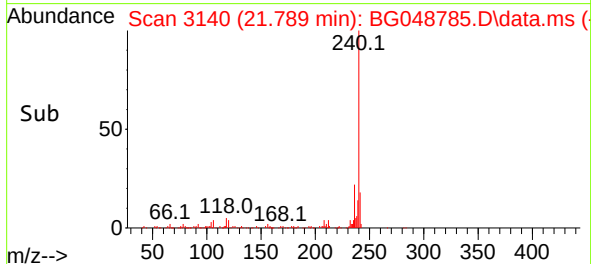
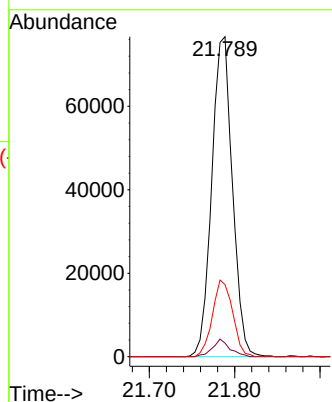
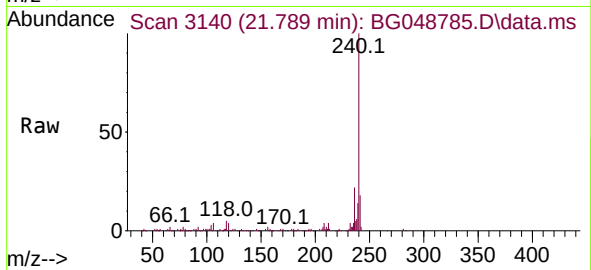




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.789 min Scan# 3140
Delta R.T. -0.011 min
Lab File: BG048785.D
Acq: 20 Apr 2021 5:45

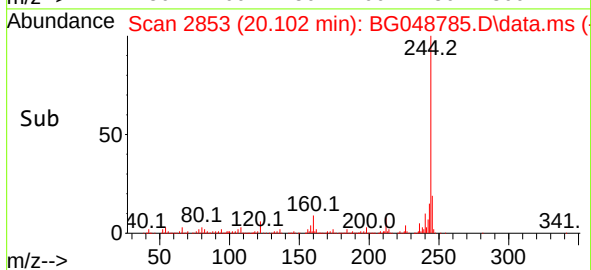
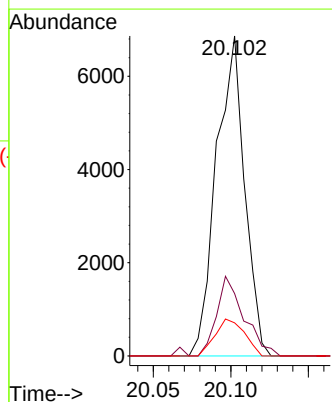
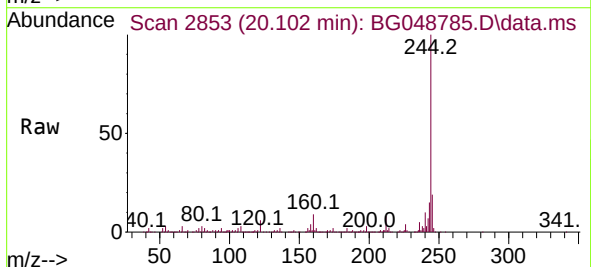
Instrument :
BNA_G
ClientSampled :
2516

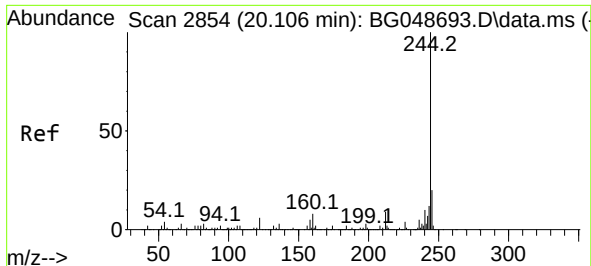
Tgt Ion:240 Resp: 128897
Ion Ratio Lower Upper
240 100
120 4.2 4.2 6.2
236 22.5 21.8 32.6



#77
Benzidine
Concen: 2.48 ng
RT: 20.102 min Scan# 2853
Delta R.T. 0.371 min
Lab File: BG048785.D
Acq: 20 Apr 2021 5:45

Tgt Ion:184 Resp: 8681
Ion Ratio Lower Upper
184 100
185 19.5 10.7 16.1#
183 10.4 9.4 14.0

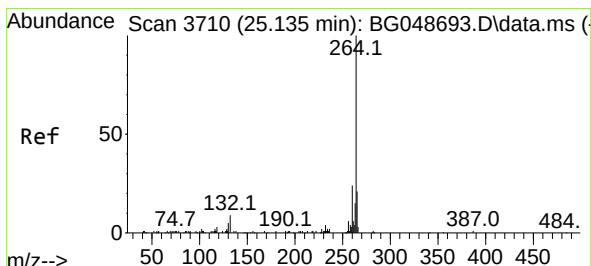
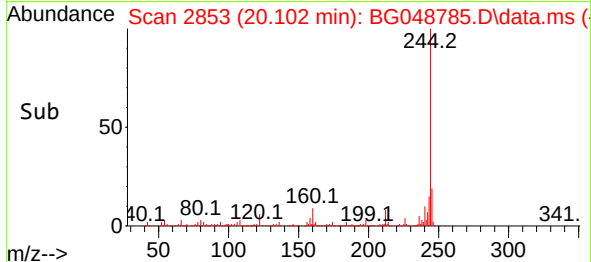
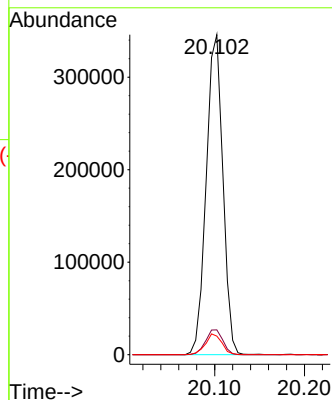
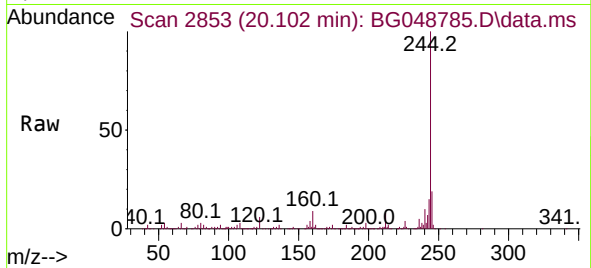




#79
 Terphenyl-d14
 Concen: 59.42 ng
 RT: 20.102 min Scan# 2853
 Delta R.T. -0.005 min
 Lab File: BG048785.D
 Acq: 20 Apr 2021 5:45

Instrument :
 BNA_G
 ClientSampleId :
 2516

Tgt Ion:244 Resp: 444980
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.9 10.3
 122 5.8 5.0 7.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.120 min Scan# 3707
 Delta R.T. -0.022 min
 Lab File: BG048785.D
 Acq: 20 Apr 2021 5:45

Tgt Ion:264 Resp: 128750
 Ion Ratio Lower Upper
 264 100
 260 25.8 19.4 29.2
 265 22.4 16.9 25.3

