

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041921\
 Data File : BG048761.D
 Acq On : 19 Apr 2021 11:15
 Operator : CG/JU
 Sample : PB135804BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB135804BL

Quant Time: Apr 19 11:57:41 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)

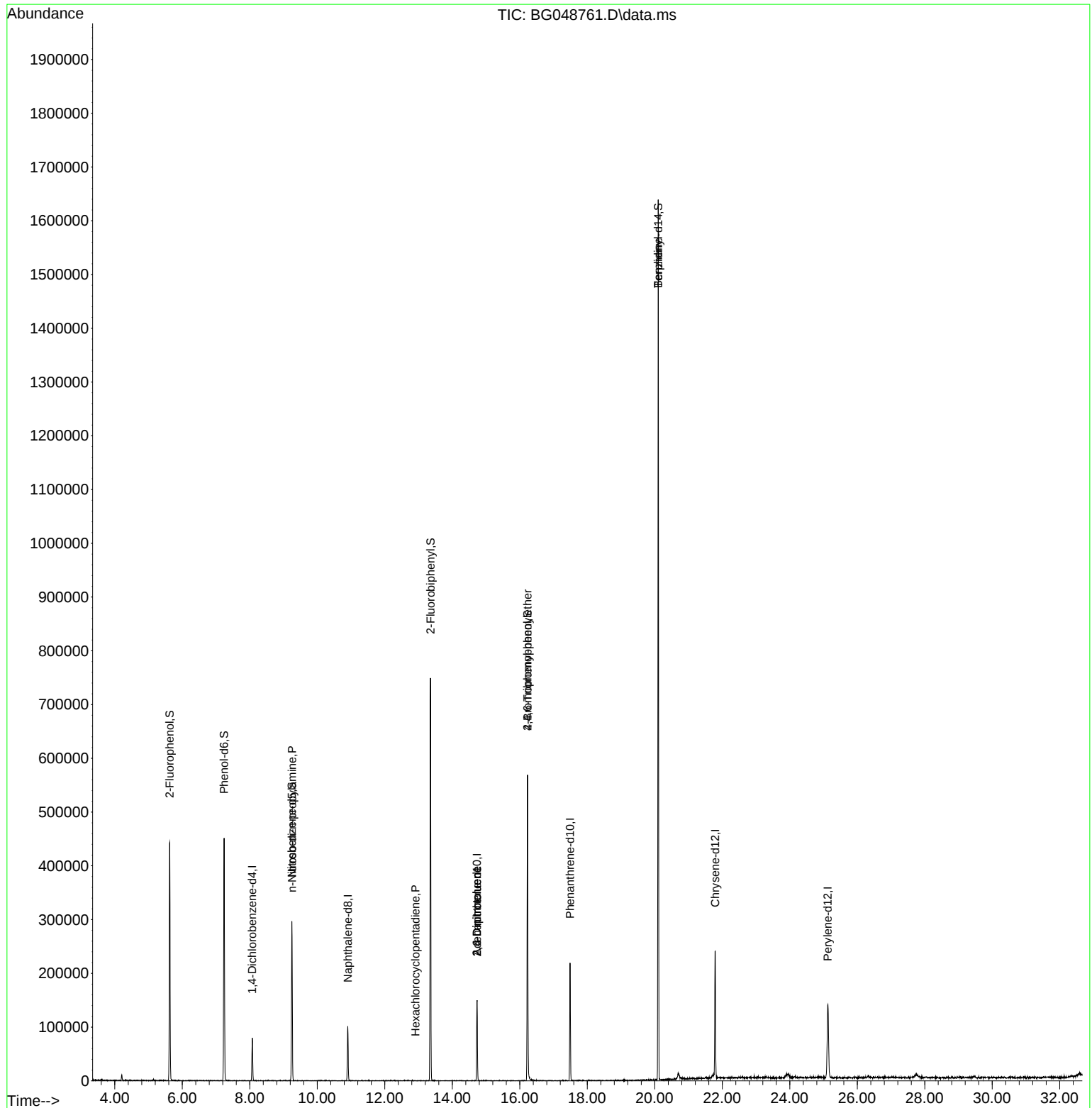
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.073	152	19950	20.00	ng	# 0.00
21) Naphthalene-d8	10.905	136	81341	20.00	ng	# 0.00
39) Acenaphthene-d10	14.736	164	54803	20.00	ng	0.00
64) Phenanthrene-d10	17.492	188	133228	20.00	ng	# 0.00
76) Chrysene-d12	21.792	240	145667	20.00	ng	0.00
86) Perylene-d12	25.124	264	146486	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.629	112	173912	145.80	ng	0.00
7) Phenol-d6	7.239	99	217092	128.67	ng	0.00
23) Nitrobenzene-d5	9.248	82	164276	90.42	ng	0.00
42) 2,4,6-Tribromophenol	16.228	330	91765	124.89	ng	0.00
45) 2-Fluorobiphenyl	13.355	172	360191	94.91	ng	0.00
79) Terphenyl-d14	20.100	244	714547	84.43	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.254	70	27283	23.97	ng	# 71
41) Hexachlorocyclopentadiene	12.909	237	79	5.93	ng	# 31
51) 2,6-Dinitrotoluene	14.736	165	7338	7.74	ng	# 10
57) 2,4-Dinitrotoluene	14.736	165	7338	5.33	ng	# 15
67) 4-Bromophenyl-phenylether	16.228	248	7342	4.79	ng	# 1
77) Benzidine	20.106	184	14110	3.57	ng	99

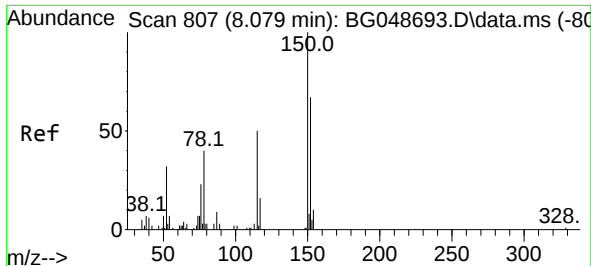
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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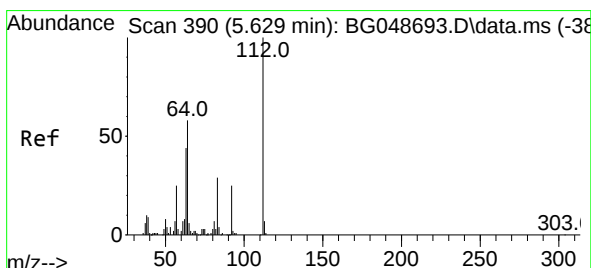
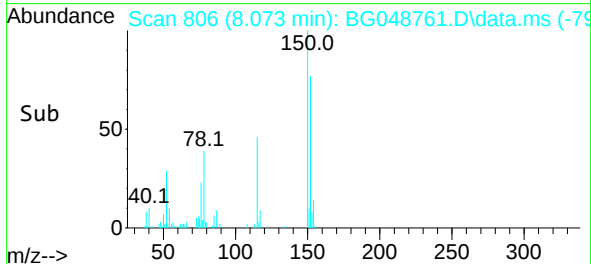
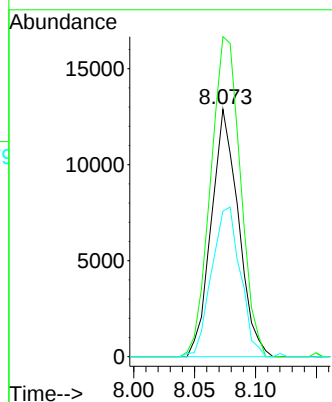
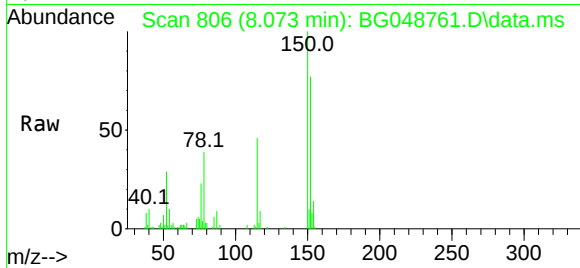




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.073 min Scan# 806
Delta R.T. -0.007 min
Lab File: BG048761.D
Acq: 19 Apr 2021 11:15

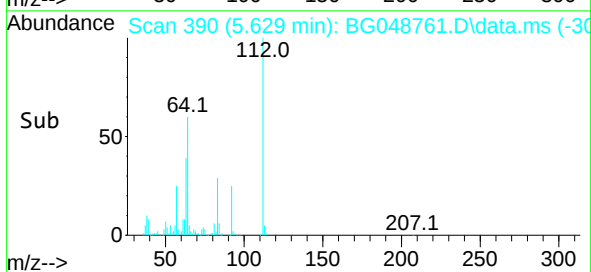
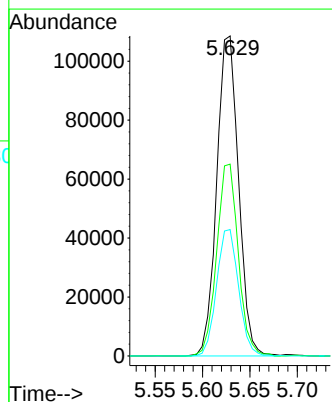
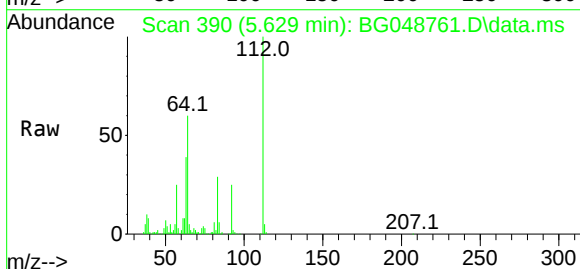
Instrument :
BNA_G
ClientSampleId :
PB135804BL

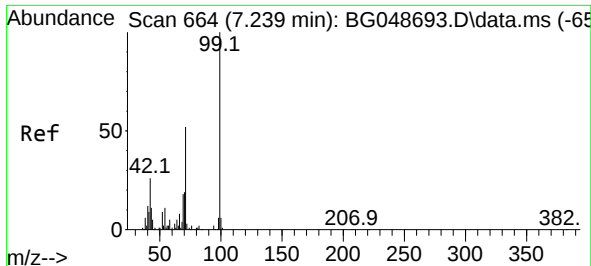
Tgt Ion:152 Resp: 19950
Ion Ratio Lower Upper
152 100
150 129.3 119.4 179.0
115 58.9 60.2 90.4#



#5
2-Fluorophenol
Concen: 145.80 ng
RT: 5.629 min Scan# 390
Delta R.T. -0.001 min
Lab File: BG048761.D
Acq: 19 Apr 2021 11:15

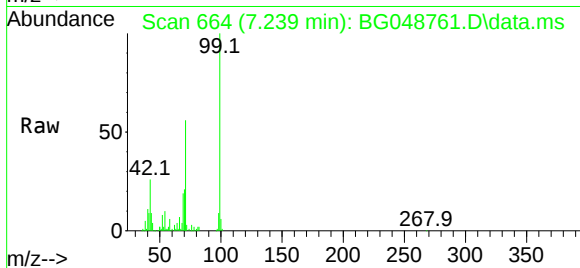
Tgt Ion:112 Resp: 173912
Ion Ratio Lower Upper
112 100
64 60.0 46.7 70.1
63 39.5 35.3 52.9



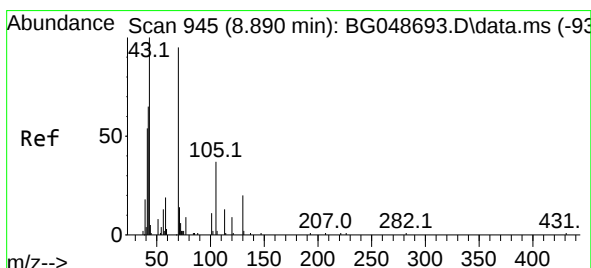
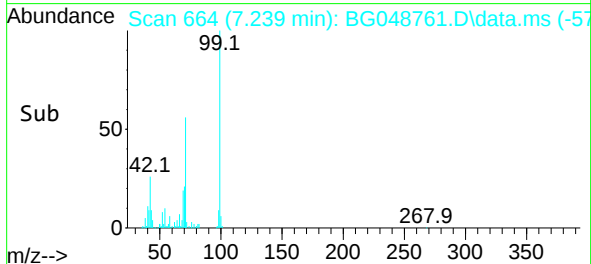
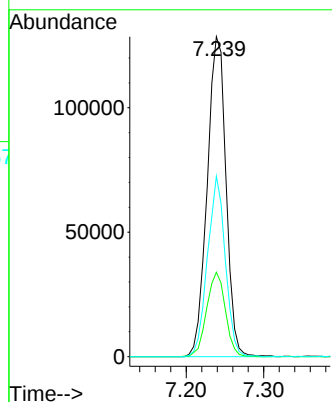


#7
Phenol-d6
Concen: 128.67 ng
RT: 7.239 min Scan# 664
Delta R.T. -0.001 min
Lab File: BG048761.D
Acq: 19 Apr 2021 11:15

Instrument :
BNA_G
ClientSampleId :
PB135804BL

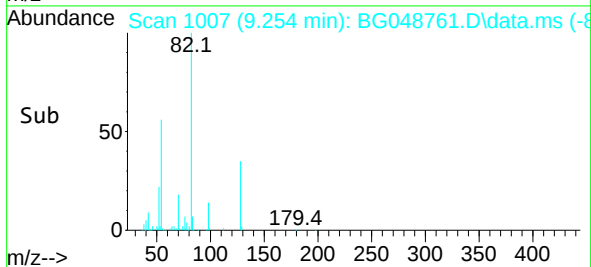
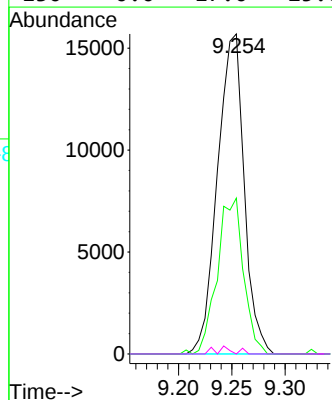
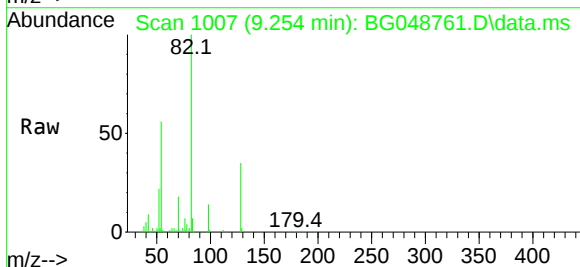


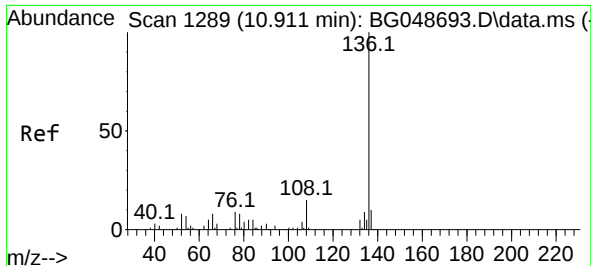
Tgt Ion:	99	Resp:	217092
Ion Ratio	100	Lower	Upper
99	100		
42	26.4	20.5	30.7
71	56.4	41.5	62.3



#19
n-Nitroso-di-n-propylamine
Concen: 23.97 ng
RT: 9.254 min Scan# 1007
Delta R.T. 0.363 min
Lab File: BG048761.D
Acq: 19 Apr 2021 11:15

Tgt Ion:	70	Resp:	27283
Ion Ratio	100	Lower	Upper
70	100		
42	48.7	54.5	81.7#
101	0.0	9.0	13.6#
130	0.0	17.0	25.6#

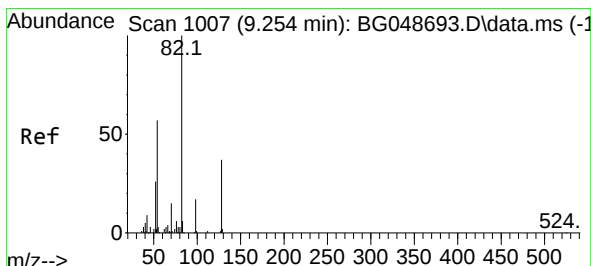
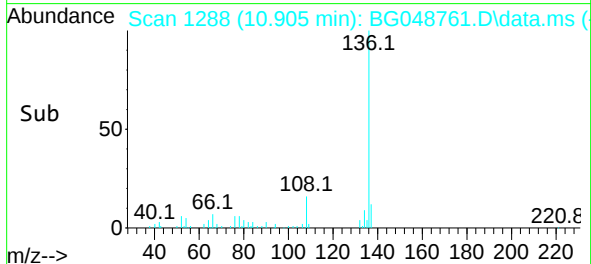
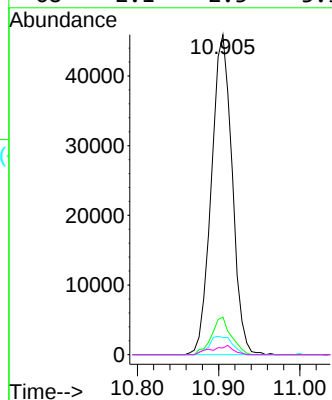
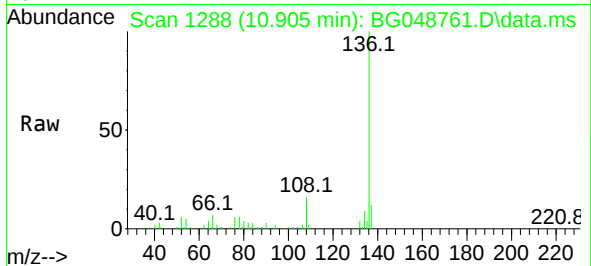




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.905 min Scan# 1288
Delta R.T. -0.007 min
Lab File: BG048761.D
Acq: 19 Apr 2021 11:15

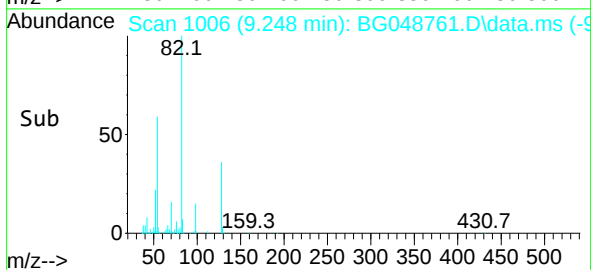
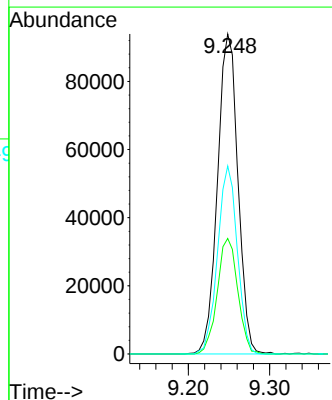
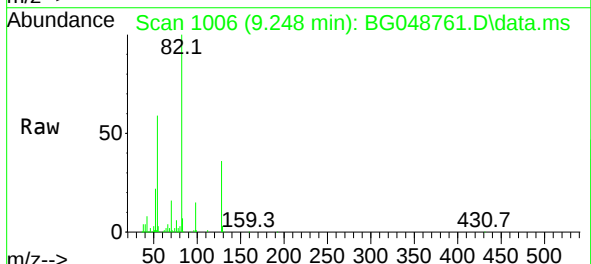
Instrument :
BNA_G
ClientSampleId :
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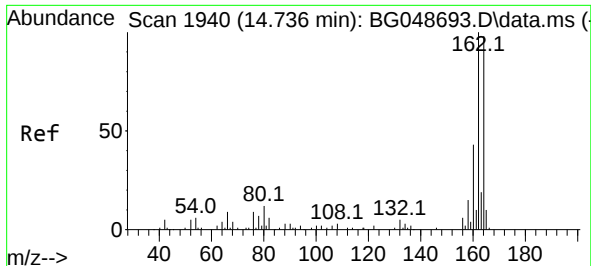
Tgt Ion:	136	Resp:	81341
Ion Ratio	Lower	Upper	
136	100		
137	11.8	8.2	12.2
54	5.4	5.5	8.3#
68	2.1	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 90.42 ng
RT: 9.248 min Scan# 1006
Delta R.T. -0.007 min
Lab File: BG048761.D
Acq: 19 Apr 2021 11:15

Tgt Ion:	82	Resp:	164276
Ion Ratio	Lower	Upper	
82	100		
128	36.1	29.8	44.6
54	58.8	45.8	68.8

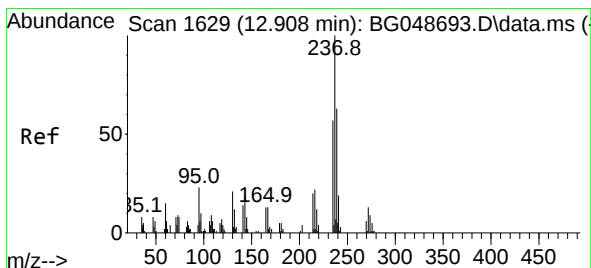
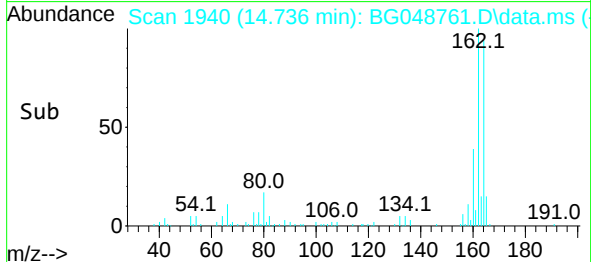
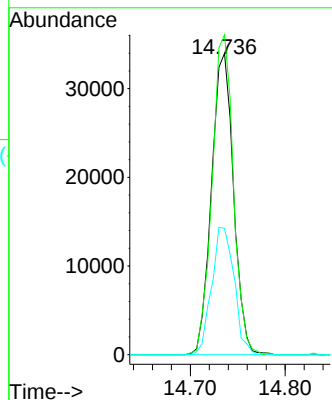
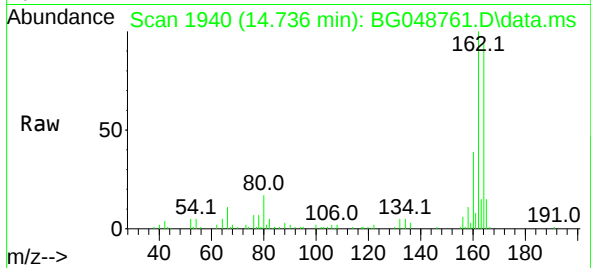




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.736 min Scan# 1940
Delta R.T. -0.007 min
Lab File: BG048761.D
Acq: 19 Apr 2021 11:15

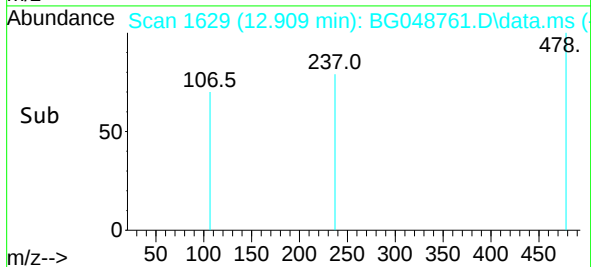
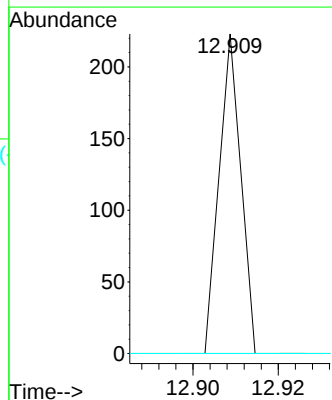
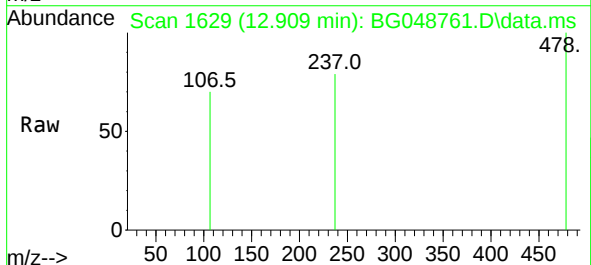
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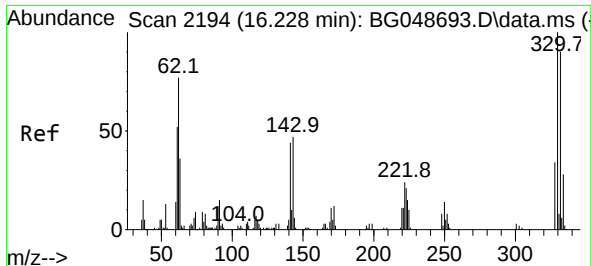
Tgt Ion:	164	Resp:	54803
Ion	Ratio	Lower	Upper
164	100		
162	106.1	81.4	122.0
160	41.9	34.9	52.3



#41
Hexachlorocyclopentadiene
Concen: 5.93 ng
RT: 12.909 min Scan# 1629
Delta R.T. -0.001 min
Lab File: BG048761.D
Acq: 19 Apr 2021 11:15

Tgt Ion:	237	Resp:	79
Ion	Ratio	Lower	Upper
237	100		
235	0.0	36.6	76.6#
272	0.0	0.0	32.5

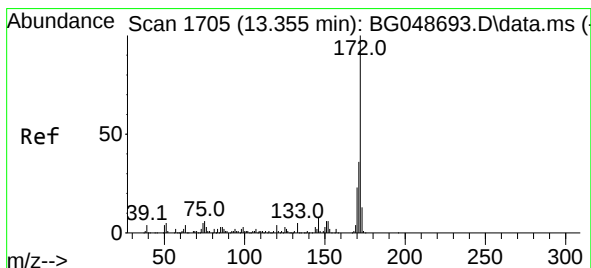
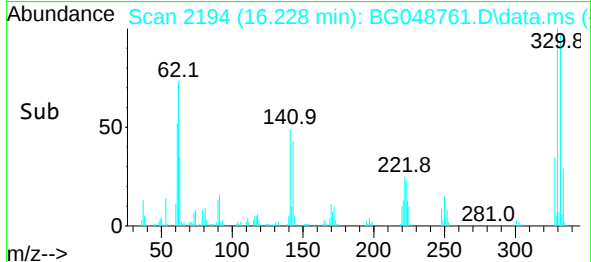
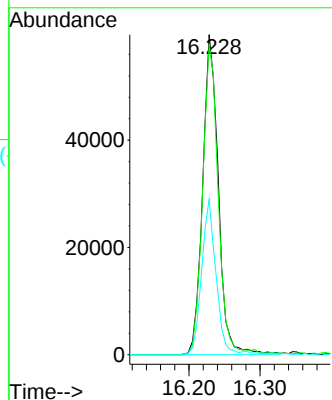
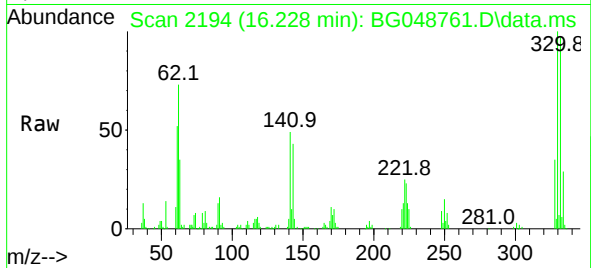




#42
2,4,6-Tribromophenol
Concen: 124.89 ng
RT: 16.228 min Scan# 2194
Delta R.T. -0.007 min
Lab File: BG048761.D
Acq: 19 Apr 2021 11:15

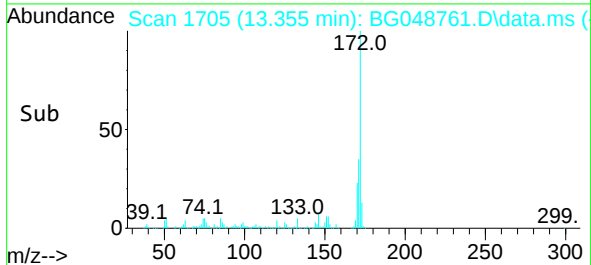
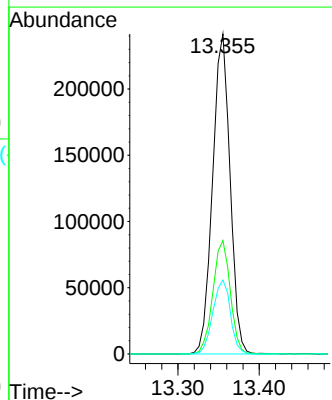
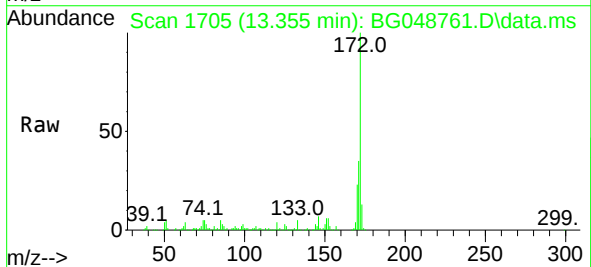
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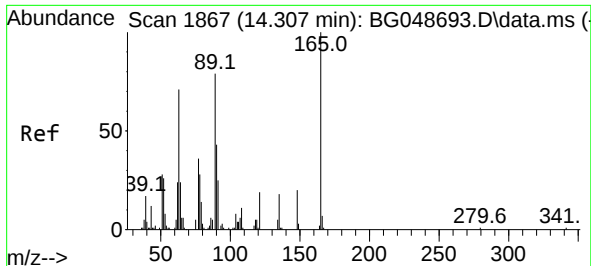
Tgt Ion:330 Resp: 91765
Ion Ratio Lower Upper
330 100
332 96.3 77.3 115.9
141 45.0 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 94.91 ng
RT: 13.355 min Scan# 1705
Delta R.T. -0.001 min
Lab File: BG048761.D
Acq: 19 Apr 2021 11:15

Tgt Ion:172 Resp: 360191
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 23.1 18.6 27.8

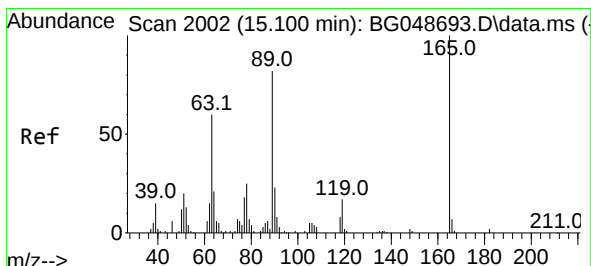
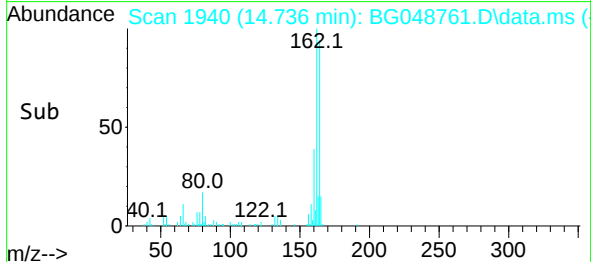
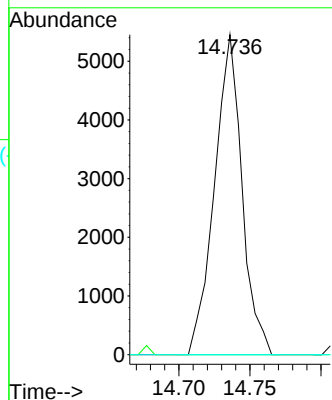
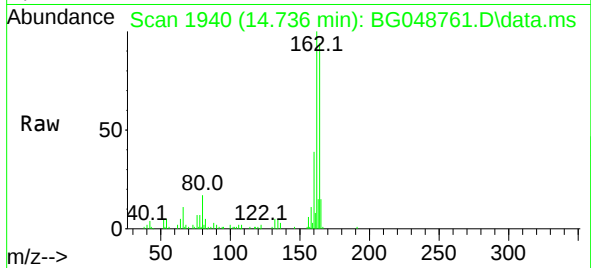




#51
2,6-Dinitrotoluene
Concen: 7.74 ng
RT: 14.736 min Scan# 1940
Delta R.T. 0.422 min
Lab File: BG048761.D
Acq: 19 Apr 2021 11:15

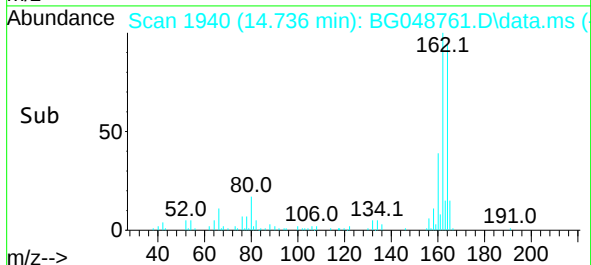
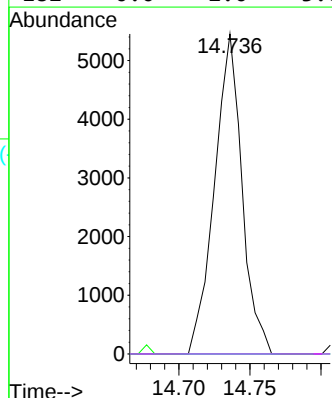
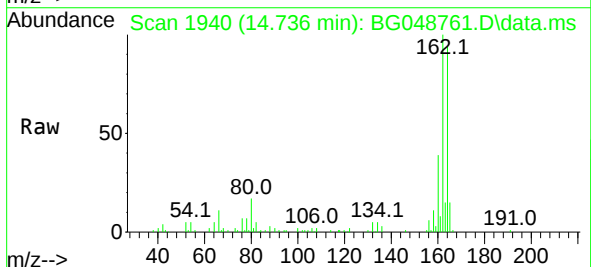
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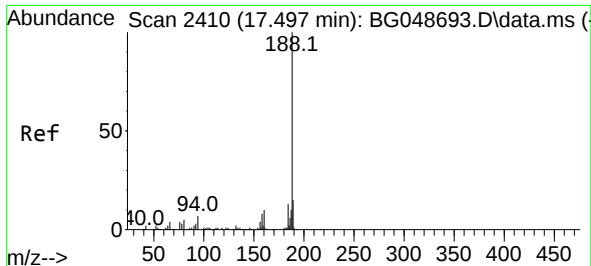
Tgt Ion:165 Resp: 7338
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 5.33 ng
RT: 14.736 min Scan# 1940
Delta R.T. -0.365 min
Lab File: BG048761.D
Acq: 19 Apr 2021 11:15

Tgt Ion:165 Resp: 7338
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#

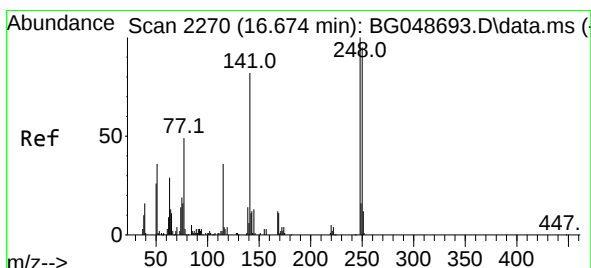
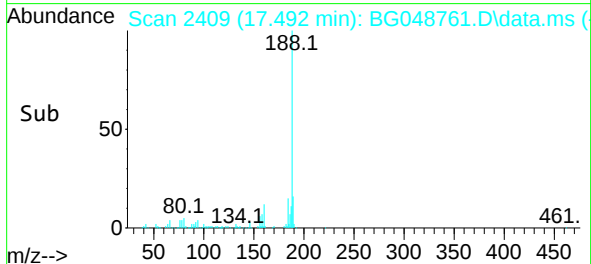
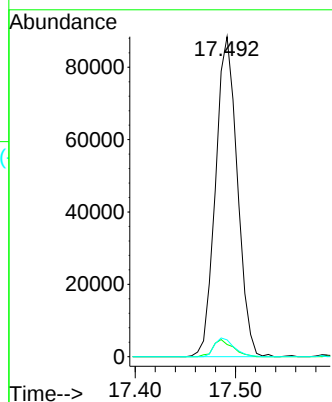
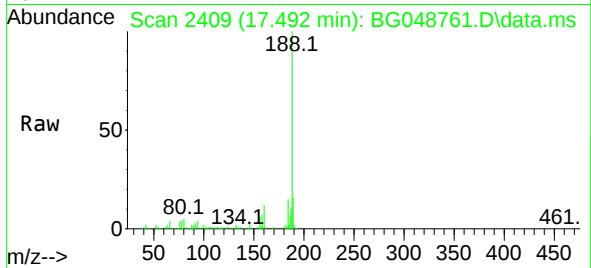




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.492 min Scan# 2409
Delta R.T. -0.007 min
Lab File: BG048761.D
Acq: 19 Apr 2021 11:15

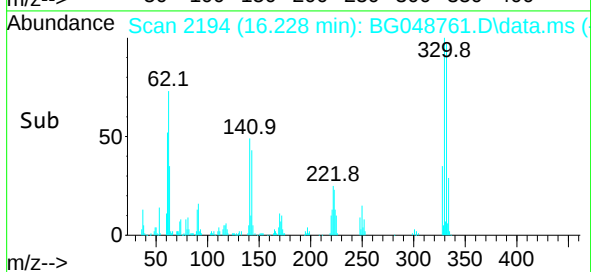
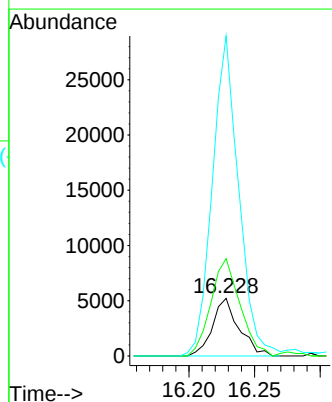
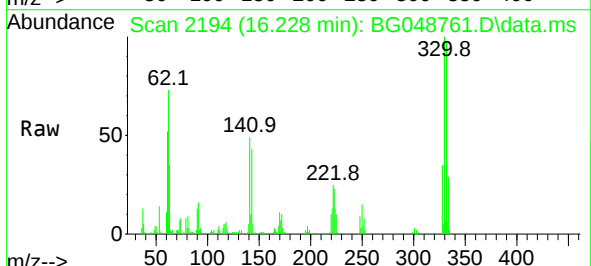
Instrument :
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PB135804BL

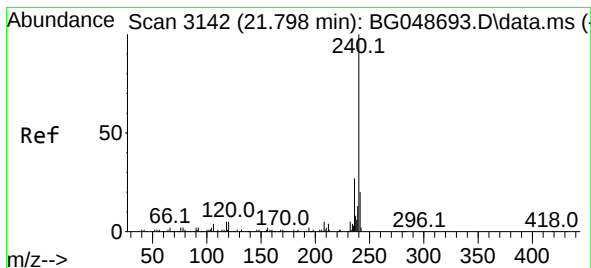
Tgt Ion:188 Resp: 133228
Ion Ratio Lower Upper
188 100
94 3.8 5.4 8.0#
80 5.2 3.7 5.5



#67
4-Bromophenyl-phenylether
Concen: 4.79 ng
RT: 16.228 min Scan# 2194
Delta R.T. -0.447 min
Lab File: BG048761.D
Acq: 19 Apr 2021 11:15

Tgt Ion:248 Resp: 7342
Ion Ratio Lower Upper
248 100
250 168.7 76.1 114.1#
141 555.4 65.4 98.2#

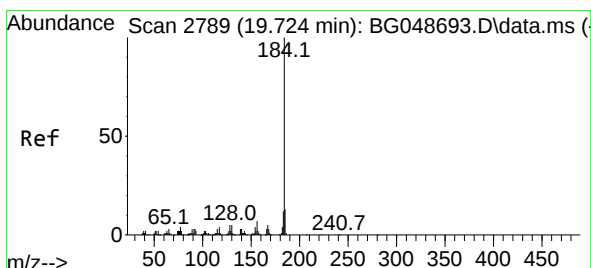
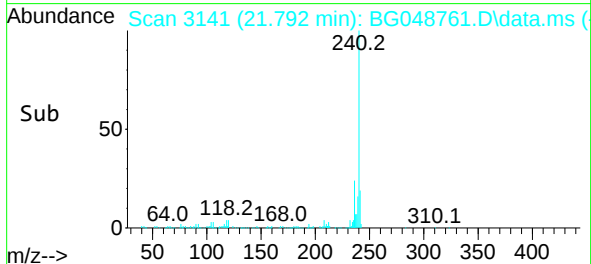
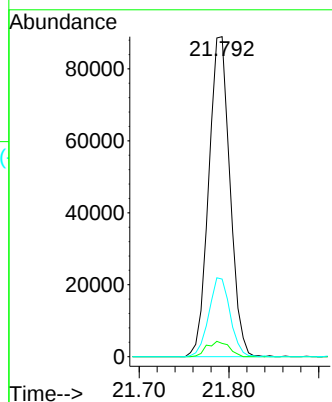
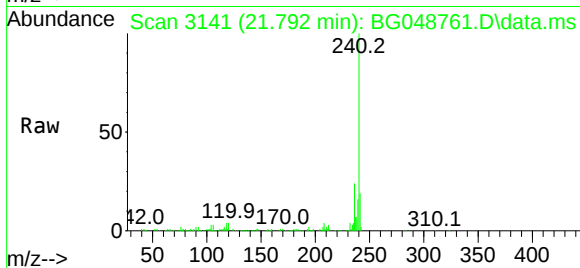




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.792 min Scan# 3141
Delta R.T. -0.007 min
Lab File: BG048761.D
Acq: 19 Apr 2021 11:15

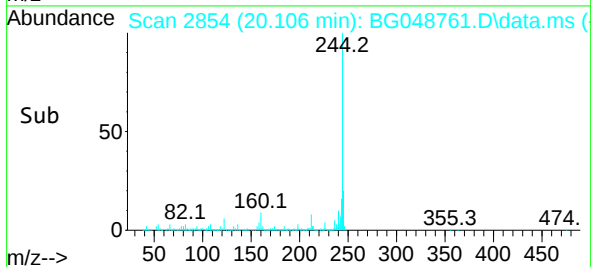
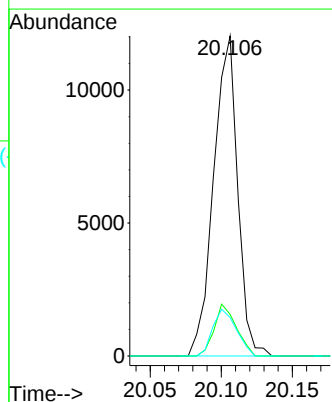
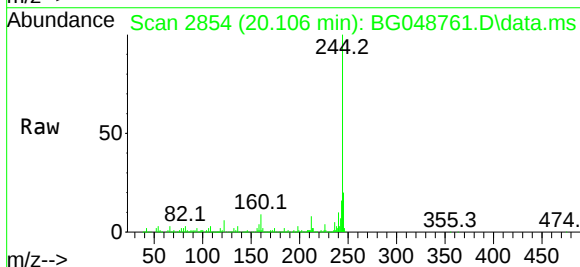
Instrument :
BNA_G
ClientSampleId :
PB135804BL

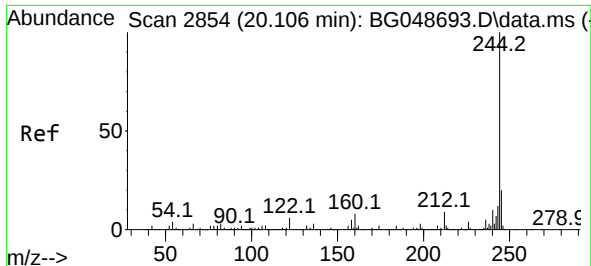
Tgt Ion:240 Resp: 145667
Ion Ratio Lower Upper
240 100
120 4.2 4.2 6.2
236 24.2 21.8 32.6



#77
Benzidine
Concen: 3.57 ng
RT: 20.106 min Scan# 2854
Delta R.T. 0.375 min
Lab File: BG048761.D
Acq: 19 Apr 2021 11:15

Tgt Ion:184 Resp: 14110
Ion Ratio Lower Upper
184 100
185 13.0 10.7 16.1
183 12.0 9.4 14.0

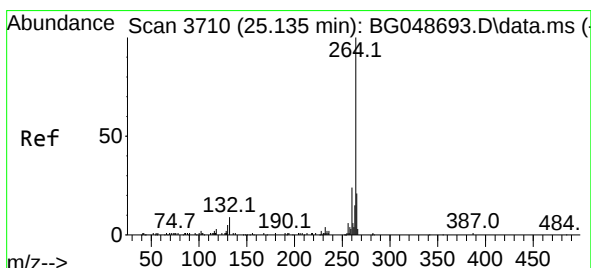
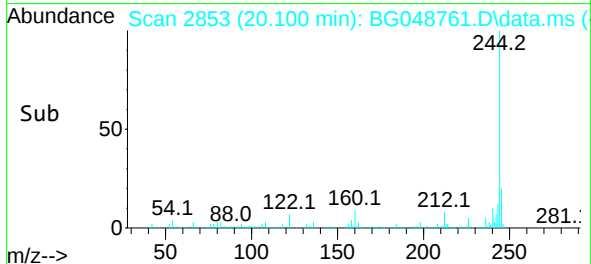
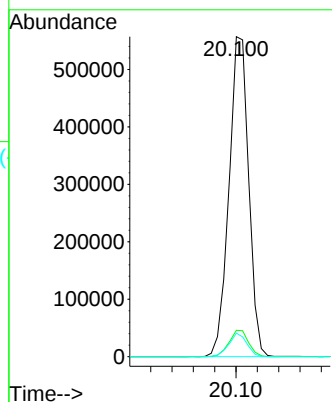
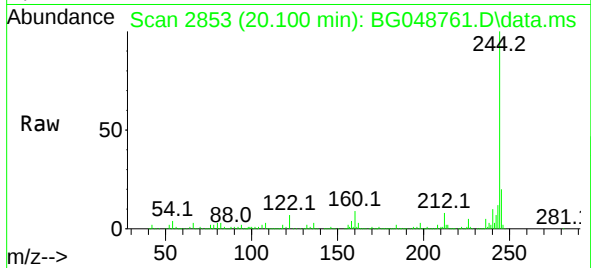




#79
 Terphenyl-d14
 Concen: 84.43 ng
 RT: 20.100 min Scan# 2853
 Delta R.T. -0.007 min
 Lab File: BG048761.D
 Acq: 19 Apr 2021 11:15

Instrument :
 BNA_G
 ClientSampleId :
 PB135804BL

Tgt Ion:244 Resp: 714547
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.9 10.3
 122 7.4 5.0 7.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.124 min Scan# 3708
 Delta R.T. -0.019 min
 Lab File: BG048761.D
 Acq: 19 Apr 2021 11:15

Tgt Ion:264 Resp: 146486
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.4 29.2
 265 21.3 16.9 25.3

