

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041921\
 Data File : BG048765.D
 Acq On : 19 Apr 2021 13:56
 Operator : CG/JU
 Sample : PB135806BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB135806BL

Quant Time: Apr 19 15:43:13 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)

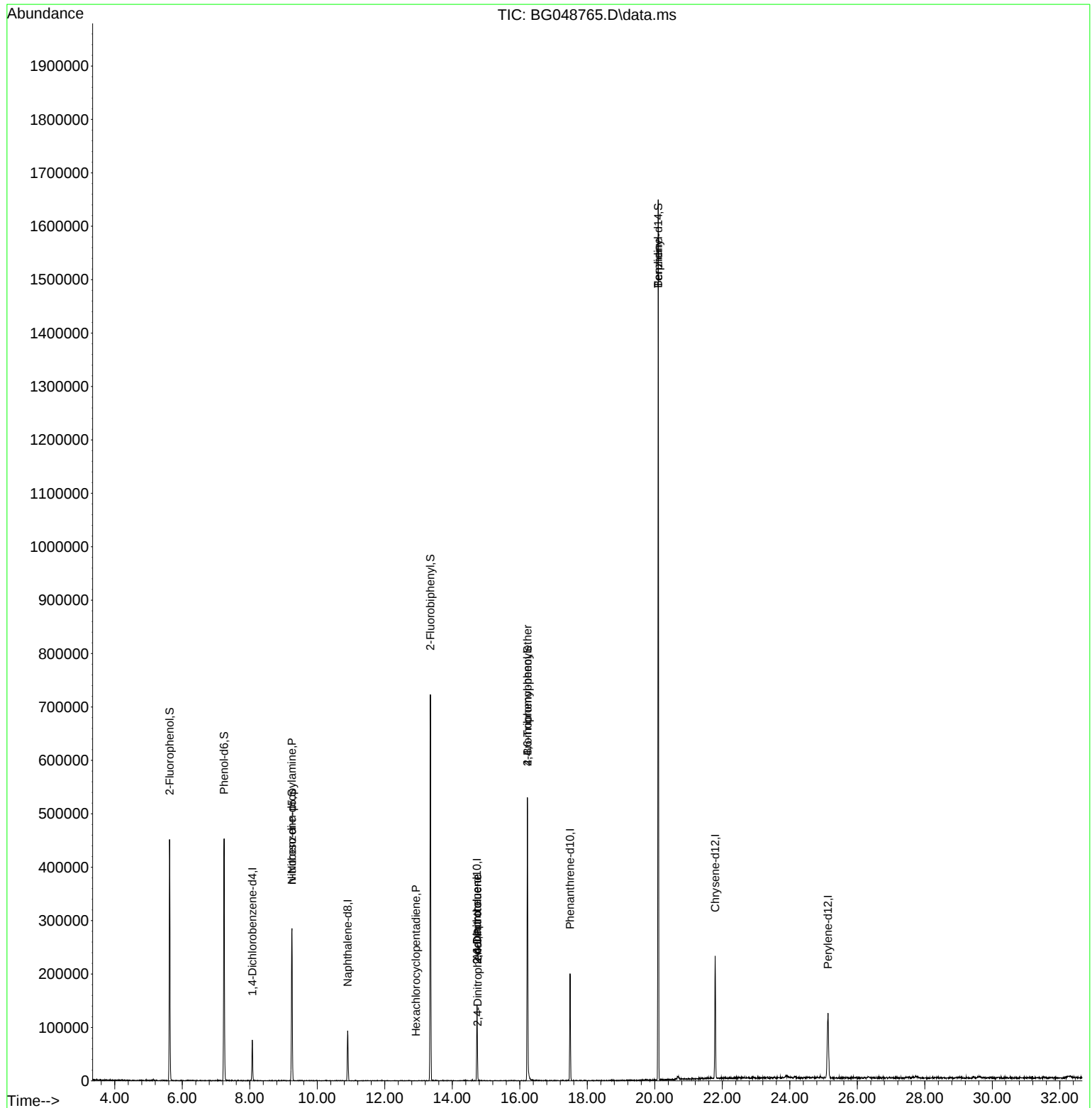
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.075	152	17892	20.00	ng	0.00
21) Naphthalene-d8	10.901	136	74015	20.00	ng	#-0.01
39) Acenaphthene-d10	14.732	164	46237	20.00	ng	-0.01
64) Phenanthrene-d10	17.488	188	124625	20.00	ng	#-0.01
76) Chrysene-d12	21.788	240	136520	20.00	ng	#-0.01
86) Perylene-d12	25.132	264	128786	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.625	112	170365	159.25	ng	0.00
7) Phenol-d6	7.241	99	216718	143.22	ng	0.00
23) Nitrobenzene-d5	9.250	82	159719	96.61	ng	0.00
42) 2,4,6-Tribromophenol	16.230	330	89923	145.05	ng	0.00
45) 2-Fluorobiphenyl	13.351	172	351428	109.76	ng	0.00
79) Terphenyl-d14	20.102	244	717400	90.44	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.250	70	25891	25.36	ng	# 74
41) Hexachlorocyclopentadiene	12.928	237	84	5.95	ng	# 31
51) 2,6-Dinitrotoluene	14.738	165	6608	8.26	ng	# 10
54) 2,4-Dinitrophenol	14.755	184	73	5.42	ng	# 8
57) 2,4-Dinitrotoluene	14.738	165	6608	5.69	ng	# 15
67) 4-Bromophenyl-phenylether	16.230	248	6944	4.84	ng	# 1
77) Benzidine	20.102	184	14115	3.81	ng	# 85

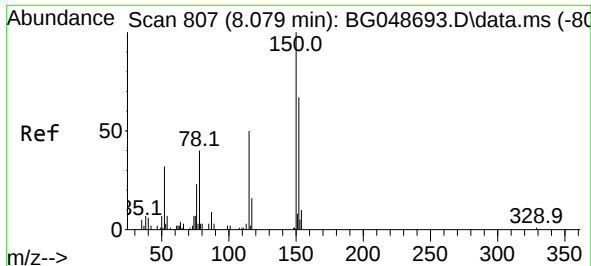
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041921\
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BNA_G
ClientSampleId :
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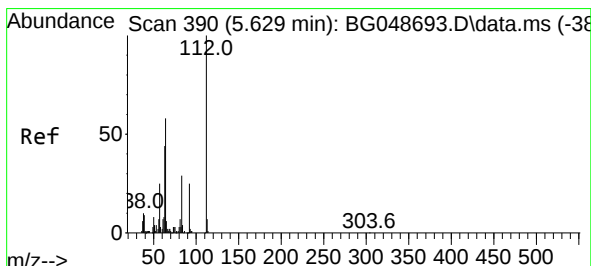
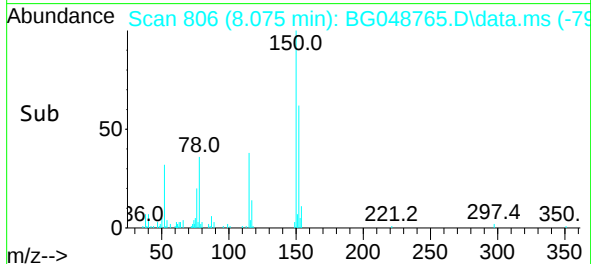
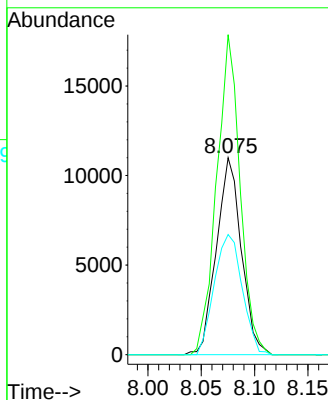
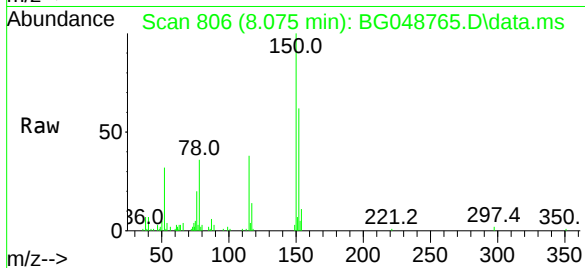




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.075 min Scan# 806
Delta R.T. -0.005 min
Lab File: BG048765.D
Acq: 19 Apr 2021 13:56

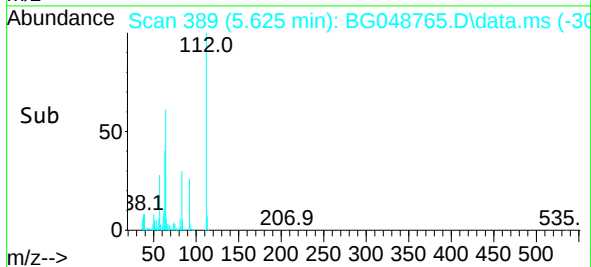
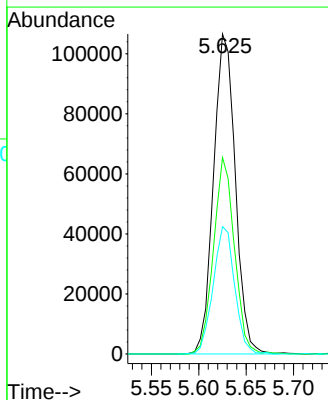
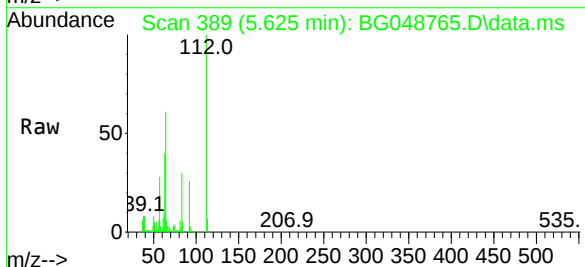
Instrument :
BNA_G
ClientSampleId :
PB135806BL

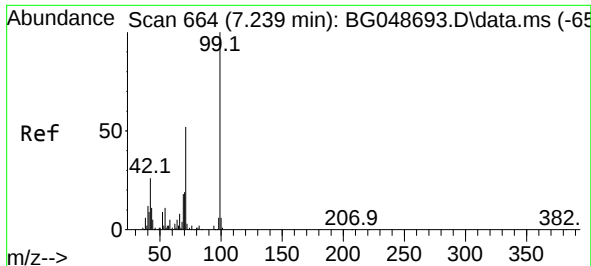
Tgt Ion:152 Resp: 17892
Ion Ratio Lower Upper
152 100
150 162.4 119.4 179.0
115 61.0 60.2 90.4



#5
2-Fluorophenol
Concen: 159.25 ng
RT: 5.625 min Scan# 389
Delta R.T. -0.005 min
Lab File: BG048765.D
Acq: 19 Apr 2021 13:56

Tgt Ion:112 Resp: 170365
Ion Ratio Lower Upper
112 100
64 61.4 46.7 70.1
63 39.8 35.3 52.9

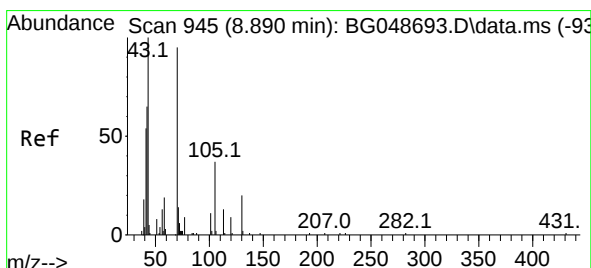
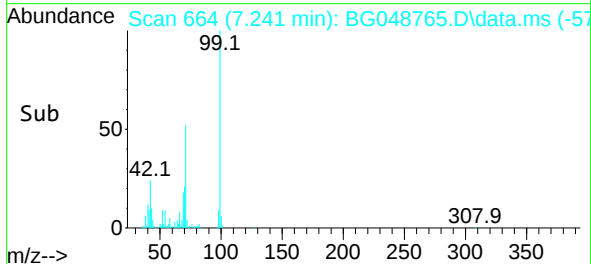
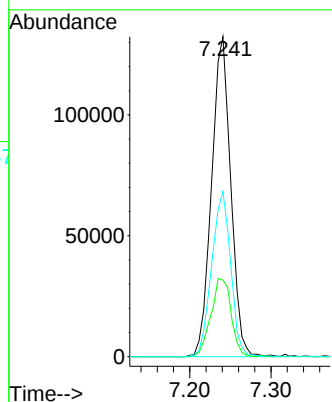
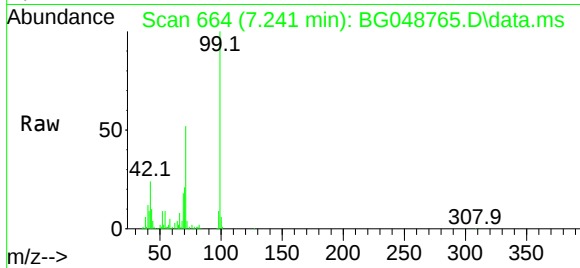




#7
Phenol-d6
Concen: 143.22 ng
RT: 7.241 min Scan# 664
Delta R.T. 0.001 min
Lab File: BG048765.D
Acq: 19 Apr 2021 13:56

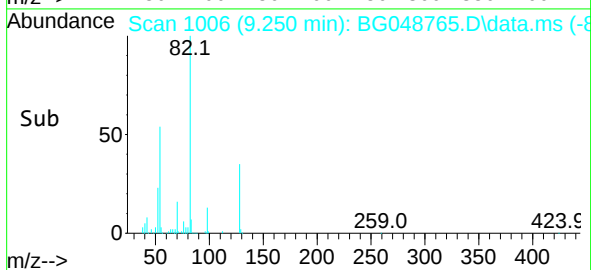
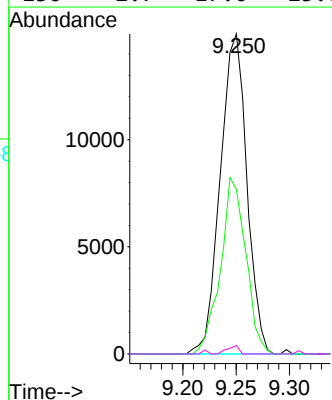
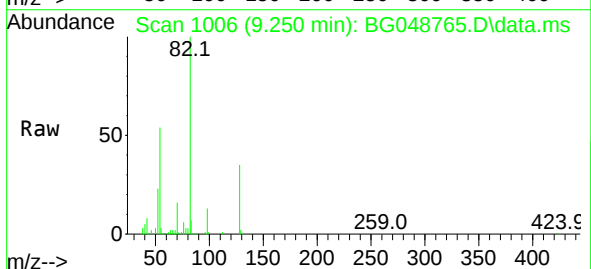
Instrument :
BNA_G
ClientSampleId :
PB135806BL

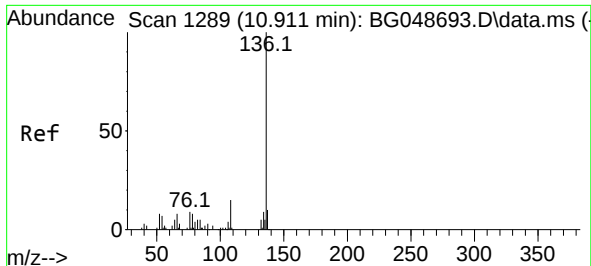
Tgt Ion: 99 Resp: 216718
Ion Ratio Lower Upper
99 100
42 23.9 20.5 30.7
71 51.7 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 25.36 ng
RT: 9.250 min Scan# 1006
Delta R.T. 0.359 min
Lab File: BG048765.D
Acq: 19 Apr 2021 13:56

Tgt Ion: 70 Resp: 25891
Ion Ratio Lower Upper
70 100
42 51.6 54.5 81.7#
101 0.0 9.0 13.6#
130 2.7 17.0 25.6#

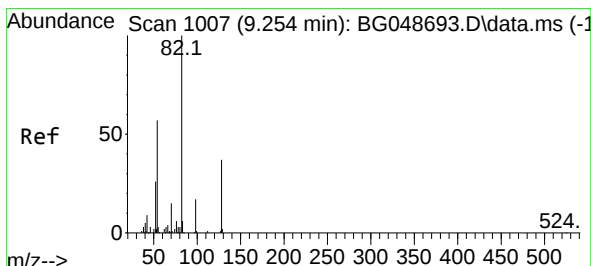
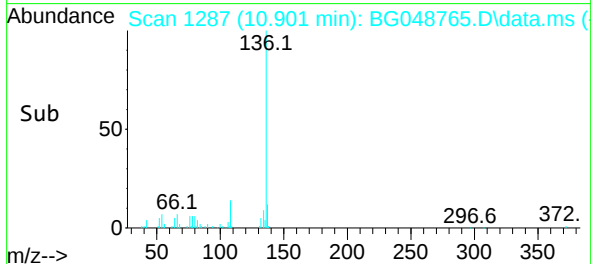
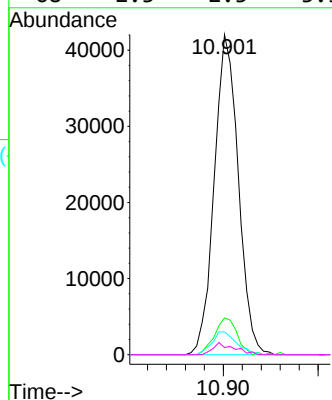
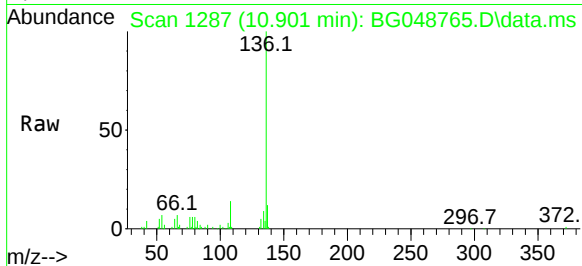




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.901 min Scan# 1287
Delta R.T. -0.011 min
Lab File: BG048765.D
Acq: 19 Apr 2021 13:56

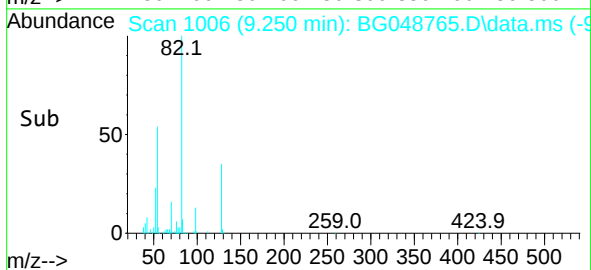
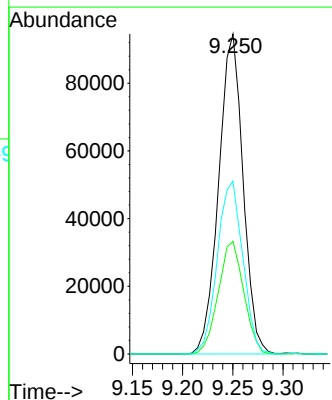
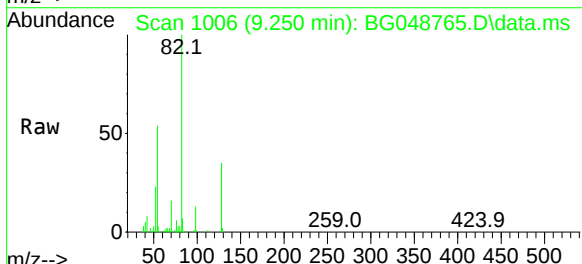
Instrument :
BNA_G
ClientSampleId :
PB135806BL

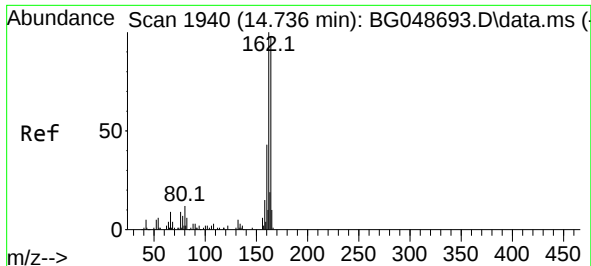
Tgt Ion:	136	Resp:	74015
Ion Ratio	Lower	Upper	
136	100		
137	11.5	8.2	12.2
54	7.1	5.5	8.3
68	2.3	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 96.61 ng
RT: 9.250 min Scan# 1006
Delta R.T. -0.005 min
Lab File: BG048765.D
Acq: 19 Apr 2021 13:56

Tgt Ion:	82	Resp:	159719
Ion Ratio	Lower	Upper	
82	100		
128	35.2	29.8	44.6
54	54.0	45.8	68.8

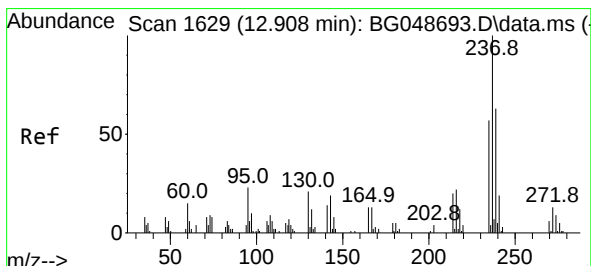
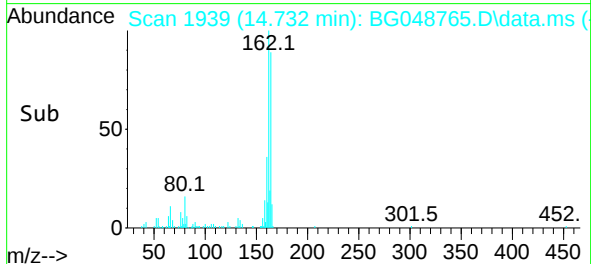
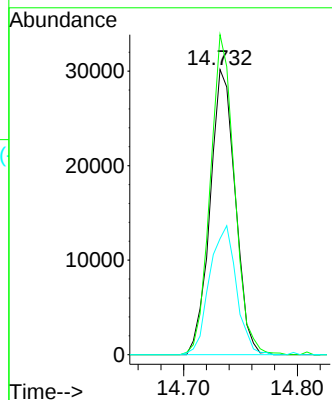
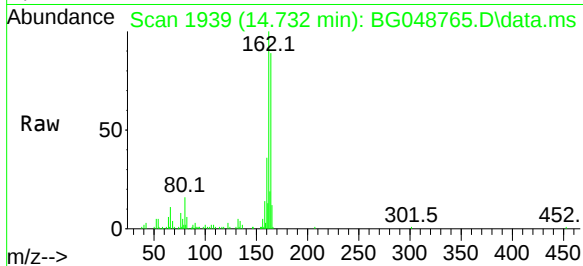




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.732 min Scan# 1939
Delta R.T. -0.011 min
Lab File: BG048765.D
Acq: 19 Apr 2021 13:56

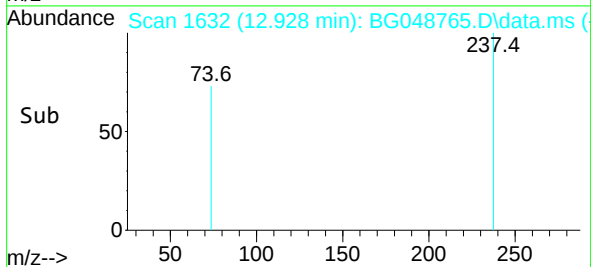
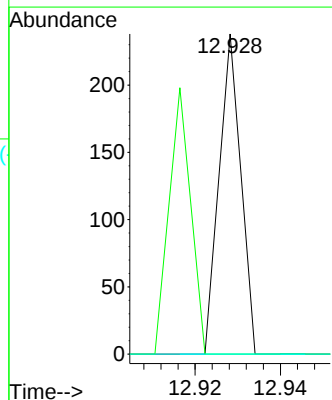
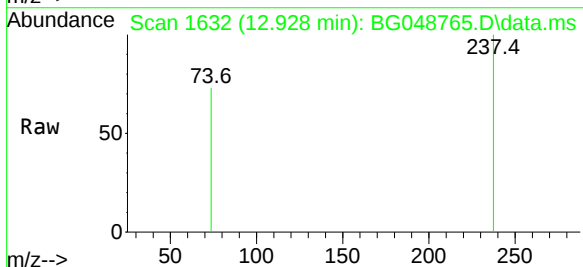
Instrument :
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ClientSampleId :
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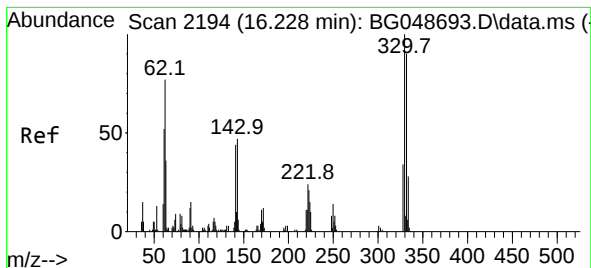
Tgt Ion:164 Resp: 46237
Ion Ratio Lower Upper
164 100
162 112.2 81.4 122.0
160 40.7 34.9 52.3



#41
Hexachlorocyclopentadiene
Concen: 5.95 ng
RT: 12.928 min Scan# 1632
Delta R.T. 0.019 min
Lab File: BG048765.D
Acq: 19 Apr 2021 13:56

Tgt Ion:237 Resp: 84
Ion Ratio Lower Upper
237 100
235 0.0 36.6 76.6#
272 0.0 0.0 32.5

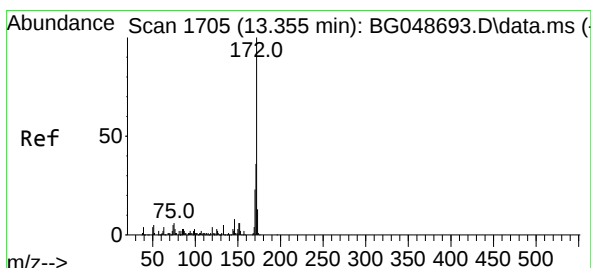
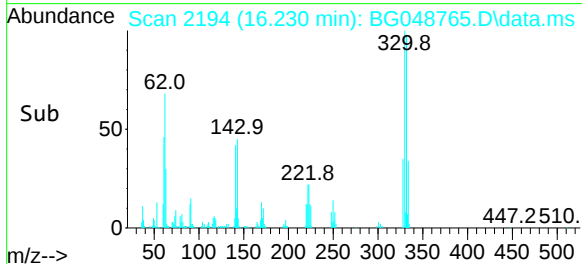
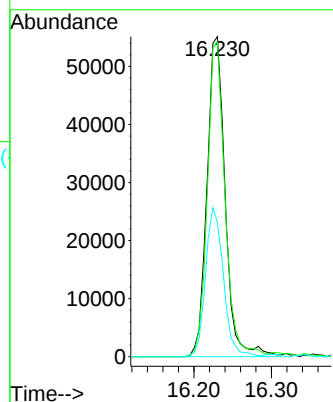
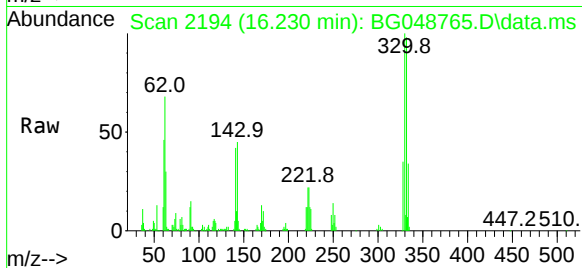




#42
2,4,6-Tribromophenol
Concen: 145.05 ng
RT: 16.230 min Scan# 2194
Delta R.T. -0.005 min
Lab File: BG048765.D
Acq: 19 Apr 2021 13:56

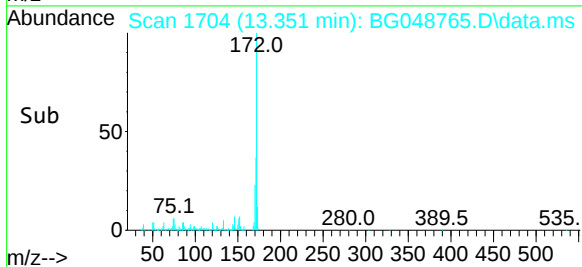
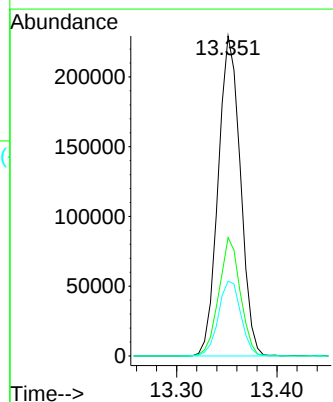
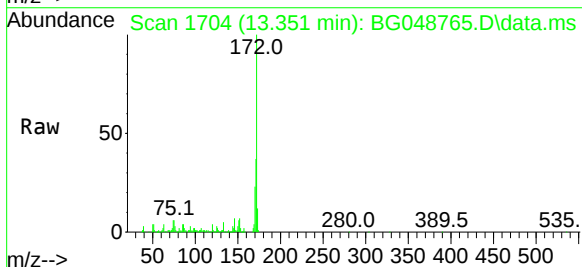
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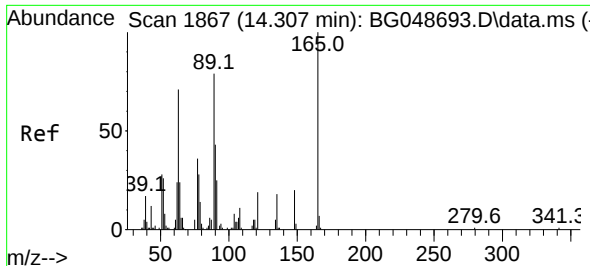
Tgt Ion:330 Resp: 89923
Ion Ratio Lower Upper
330 100
332 95.5 77.3 115.9
141 45.7 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 109.76 ng
RT: 13.351 min Scan# 1704
Delta R.T. -0.005 min
Lab File: BG048765.D
Acq: 19 Apr 2021 13:56

Tgt Ion:172 Resp: 351428
Ion Ratio Lower Upper
172 100
171 37.0 28.6 43.0
170 23.4 18.6 27.8

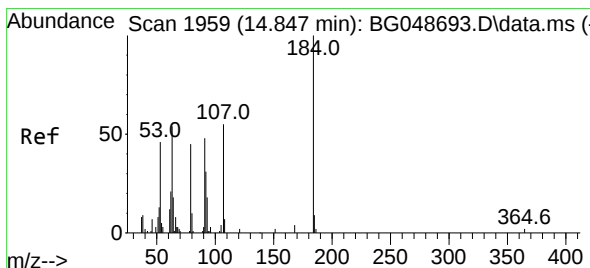
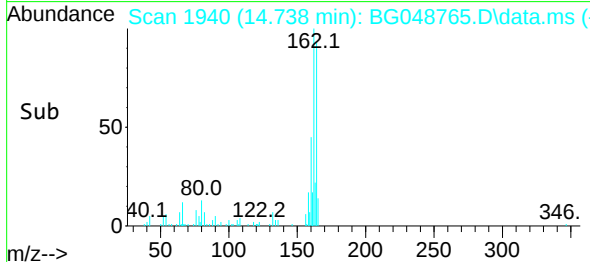
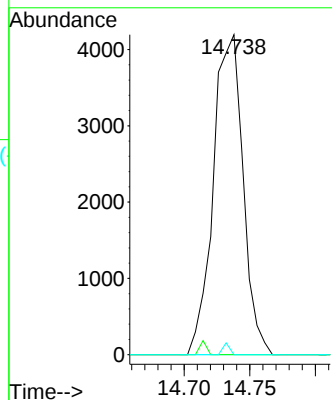
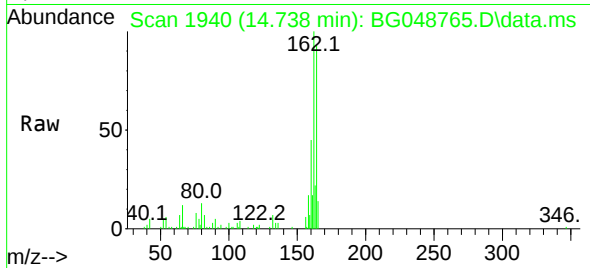




#51
2,6-Dinitrotoluene
Concen: 8.26 ng
RT: 14.738 min Scan# 1940
Delta R.T. 0.424 min
Lab File: BG048765.D
Acq: 19 Apr 2021 13:56

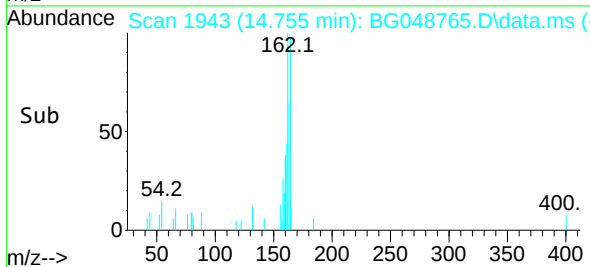
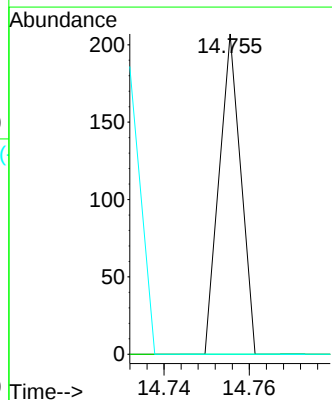
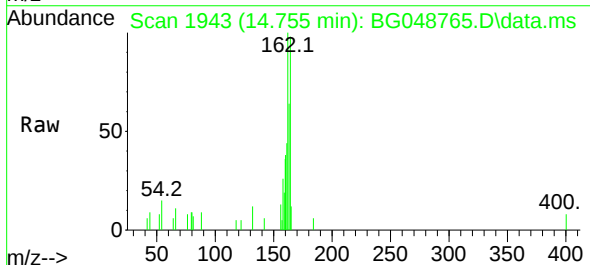
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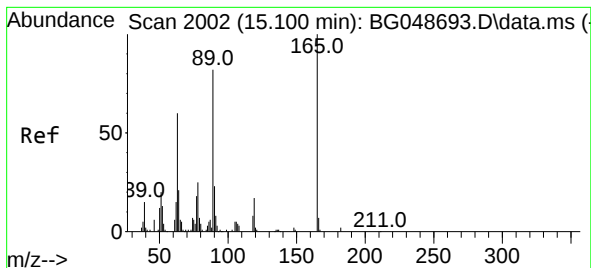
Tgt Ion:165 Resp: 6608
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#



#54
2,4-Dinitrophenol
Concen: 5.42 ng
RT: 14.755 min Scan# 1943
Delta R.T. -0.099 min
Lab File: BG048765.D
Acq: 19 Apr 2021 13:56

Tgt Ion:184 Resp: 73
Ion Ratio Lower Upper
184 100
63 0.0 68.3 102.5#
154 0.0 62.6 93.8#

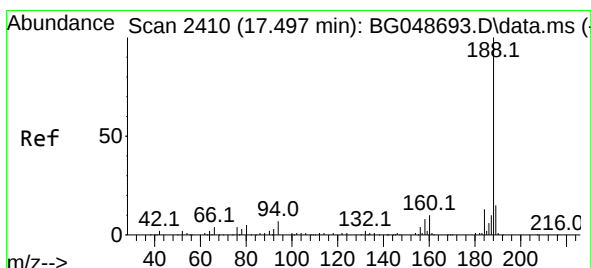
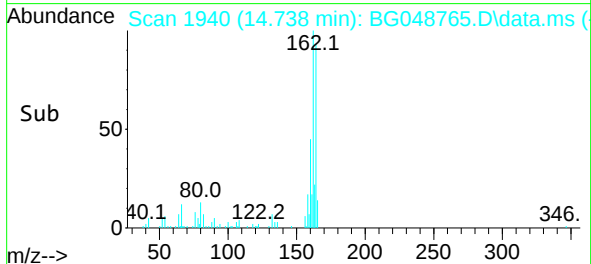
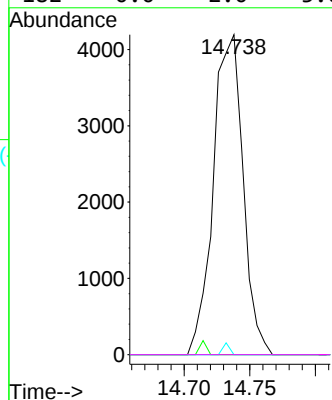
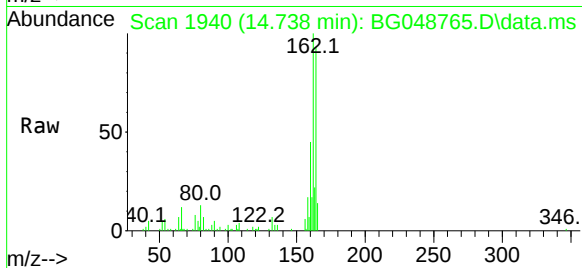




#57
2,4-Dinitrotoluene
Concen: 5.69 ng
RT: 14.738 min Scan# 1940
Delta R.T. -0.363 min
Lab File: BG048765.D
Acq: 19 Apr 2021 13:56

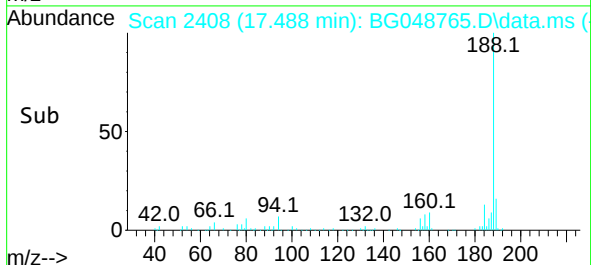
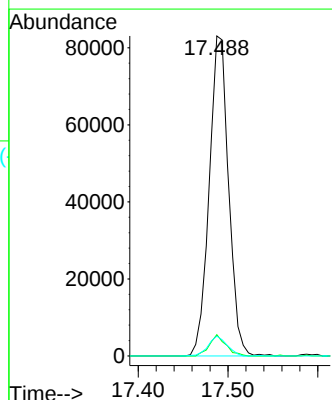
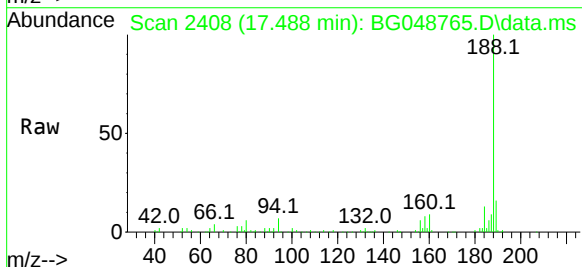
Instrument :
BNA_G
ClientSampleId :
PB135806BL

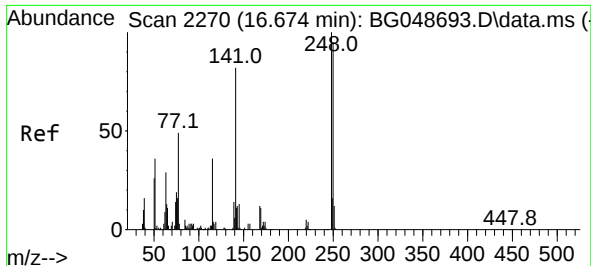
Tgt Ion:165 Resp: 6608
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.488 min Scan# 2408
Delta R.T. -0.011 min
Lab File: BG048765.D
Acq: 19 Apr 2021 13:56

Tgt Ion:188 Resp: 124625
Ion Ratio Lower Upper
188 100
94 6.7 5.4 8.0
80 6.2 3.7 5.5#

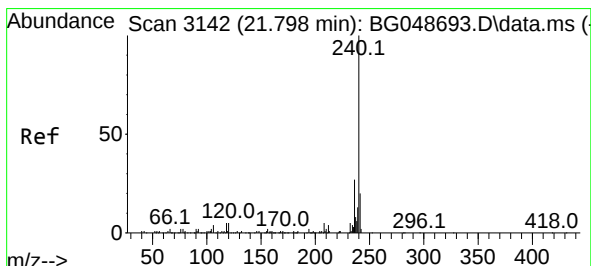
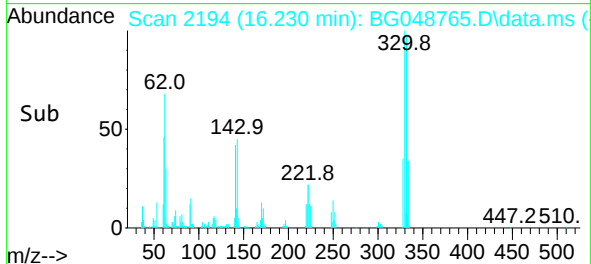
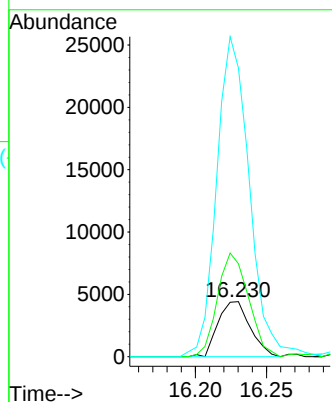
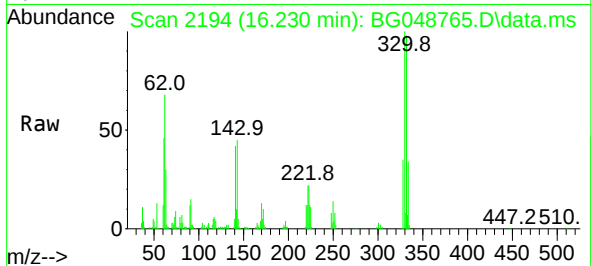




#67
4-Bromophenyl-phenylether
Concen: 4.84 ng
RT: 16.230 min Scan# 2194
Delta R.T. -0.446 min
Lab File: BG048765.D
Acq: 19 Apr 2021 13:56

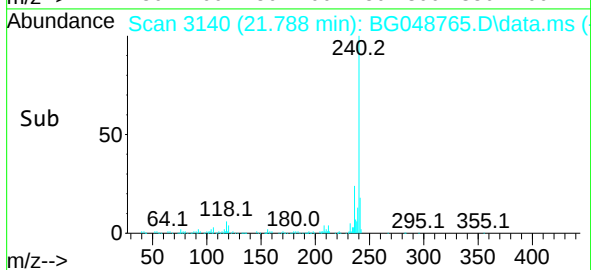
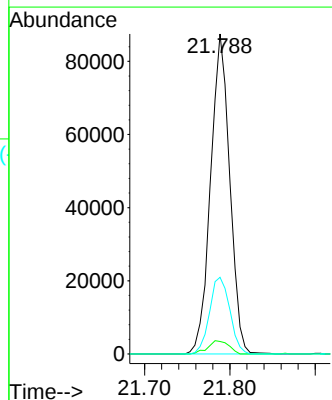
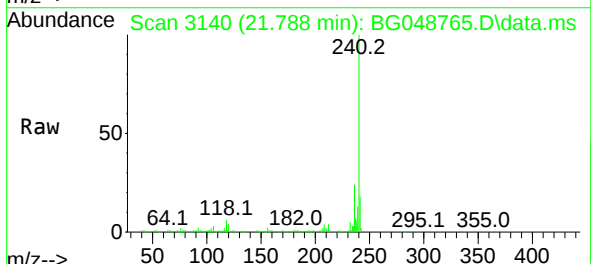
Instrument :
BNA_G
ClientSampleId :
PB135806BL

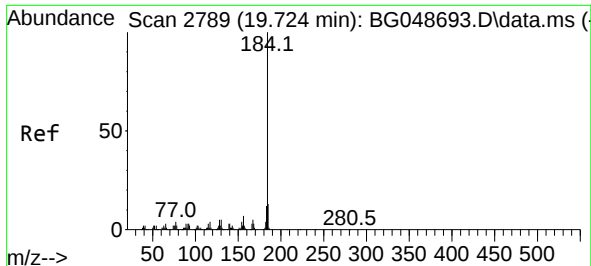
Tgt Ion:248 Resp: 6944
Ion Ratio Lower Upper
248 100
250 168.8 76.1 114.1#
141 524.2 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.788 min Scan# 3140
Delta R.T. -0.011 min
Lab File: BG048765.D
Acq: 19 Apr 2021 13:56

Tgt Ion:240 Resp: 136520
Ion Ratio Lower Upper
240 100
120 3.9 4.2 6.2#
236 23.9 21.8 32.6

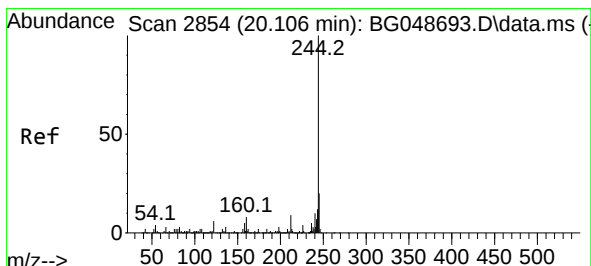
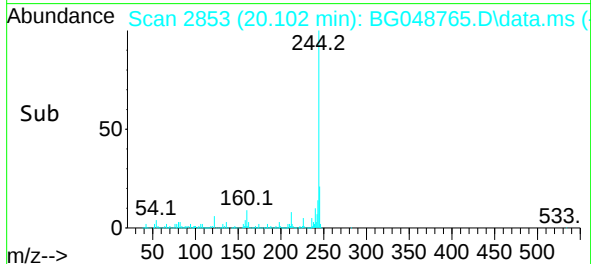
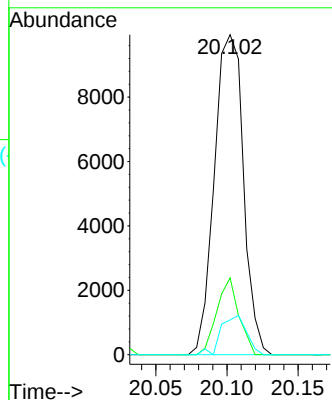
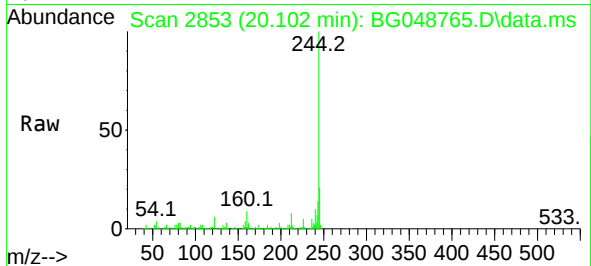




#77
Benzidine
Concen: 3.81 ng
RT: 20.102 min Scan# 2853
Delta R.T. 0.371 min
Lab File: BG048765.D
Acq: 19 Apr 2021 13:56

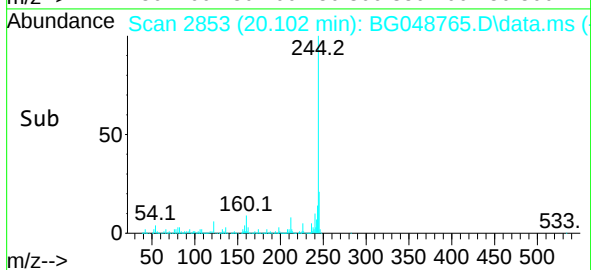
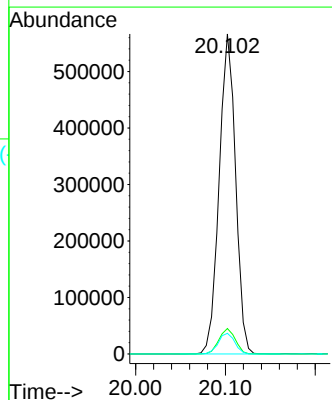
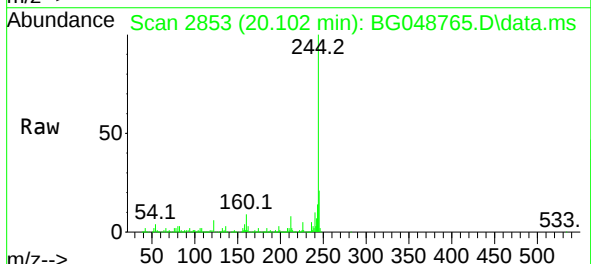
Instrument :
BNA_G
ClientSampleId :
PB135806BL

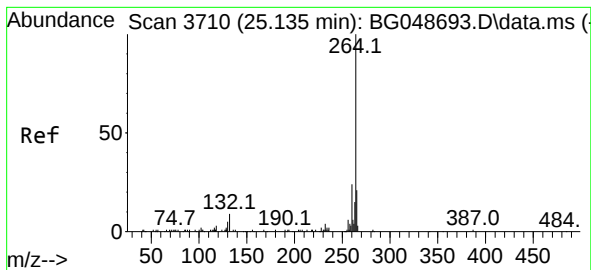
Tgt Ion:184 Resp: 14115
Ion Ratio Lower Upper
184 100
185 24.0 10.7 16.1#
183 10.8 9.4 14.0



#79
Terphenyl-d14
Concen: 90.44 ng
RT: 20.102 min Scan# 2853
Delta R.T. -0.005 min
Lab File: BG048765.D
Acq: 19 Apr 2021 13:56

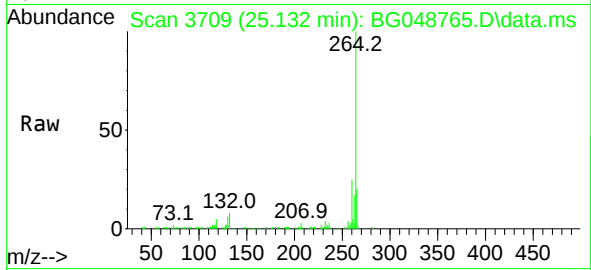
Tgt Ion:244 Resp: 717400
Ion Ratio Lower Upper
244 100
212 8.0 6.9 10.3
122 6.5 5.0 7.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.132 min Scan# 3709
 Delta R.T. -0.011 min
 Lab File: BG048765.D
 Acq: 19 Apr 2021 13:56

Instrument :
 BNA_G
 ClientSampleId :
 PB135806BL



Tgt Ion:	264	Resp:	128786
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.4	29.2
265	19.8	16.9	25.3

