

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG123120\
 Data File : BG047850.D
 Acq On : 31 Dec 2020 16:12
 Operator : CG/JU
 Sample : PB133886TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB133886TB

Quant Time: Dec 31 16:58:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 17 15:55:16 2020
 Response via : Initial Calibration

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

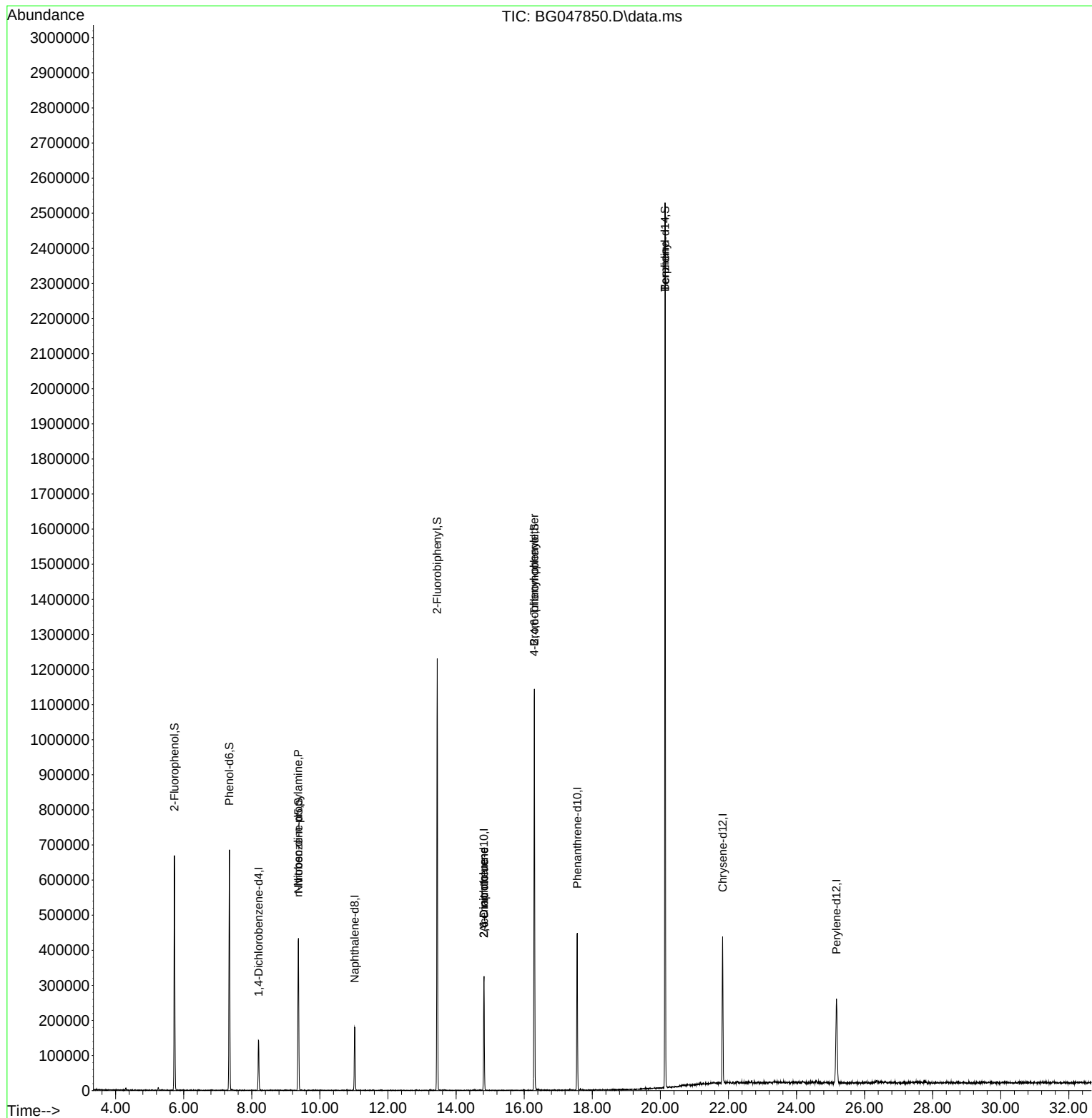
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.200	152	35708	20.00	ng	# 0.00
21) Naphthalene-d8	11.020	136	142518	20.00	ng	# 0.00
39) Acenaphthene-d10	14.821	164	113171	20.00	ng	0.00
64) Phenanthrene-d10	17.559	188	292984	20.00	ng	# 0.00
76) Chrysene-d12	21.831	240	274893	20.00	ng	# 0.00
86) Perylene-d12	25.174	264	268648	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.726	112	235728	114.20	ng	0.00
7) Phenol-d6	7.342	99	321676	106.61	ng	0.00
23) Nitrobenzene-d5	9.369	82	257542	66.47	ng	0.00
42) 2,4,6-Tribromophenol	16.302	330	205781	106.51	ng	0.00
45) 2-Fluorobiphenyl	13.447	172	581578	66.50	ng	0.00
79) Terphenyl-d14	20.139	244	1078211	64.63	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.363	70	42368	20.18	ng	# 81
51) 2,6-Dinitrotoluene	14.816	165	15324	7.73	ng	# 33
57) 2,4-Dinitrotoluene	14.816	165	15324	5.20	ng	# 32
67) 4-Bromophenyl-phenylether	16.296	248	13835	3.51	ng	# 1
70) Pentachlorophenol	16.702	266	63	Below Cal		# 19
77) Benzidine	20.139	184	22645	3.06	ng	# 89

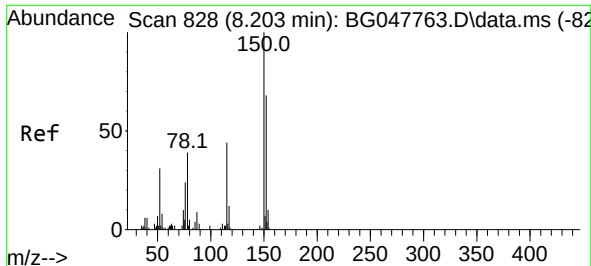
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG123120\
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Misc :
ALS Vial : 5 Sample Multiplier: 1

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 17 15:55:16 2020
Response via : Initial Calibration

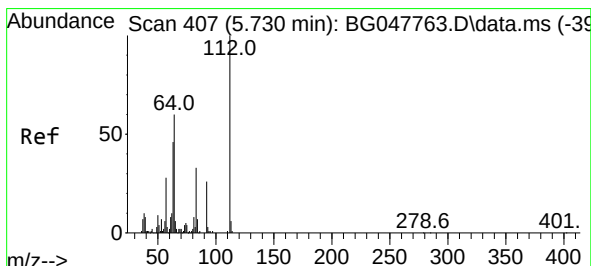
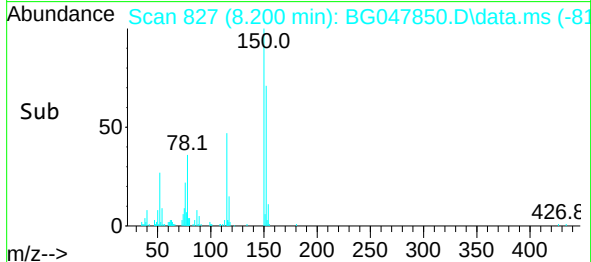
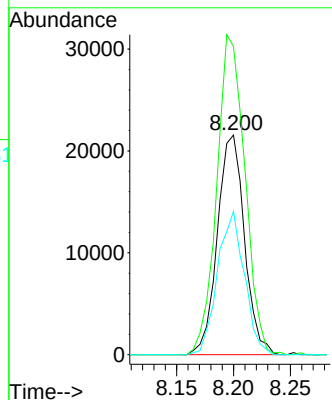
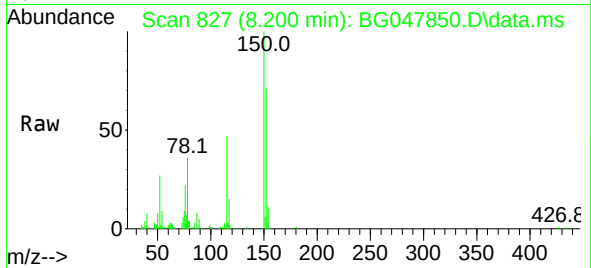




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.200 min Scan# 827
Delta R.T. -0.003 min
Lab File: BG047850.D
Acq: 31 Dec 2020 16:12

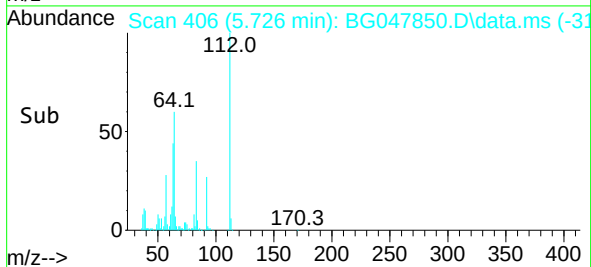
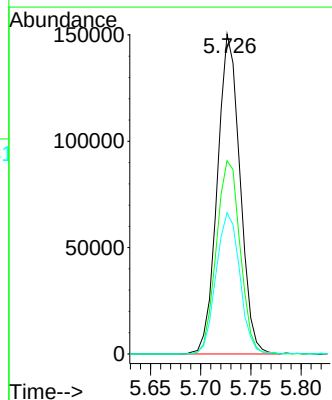
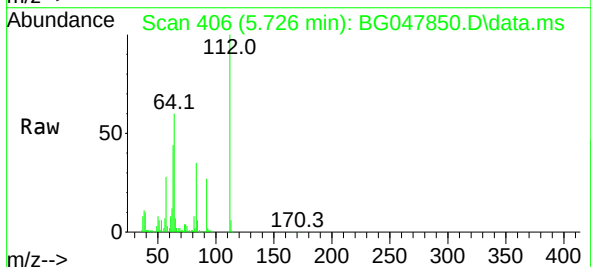
Instrument :
BNA_G
ClientSampleId :
PB133886TB

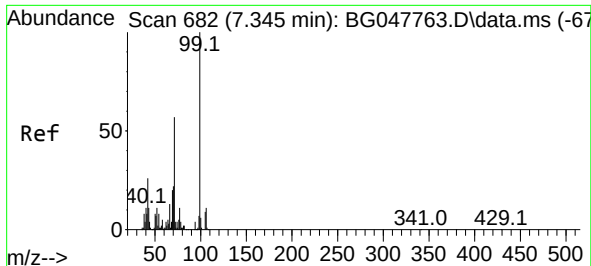
Tgt Ion:152 Resp: 35708
Ion Ratio Lower Upper
152 100
150 140.3 125.0 187.6
115 65.3 41.8 62.6#



#5
2-Fluorophenol
Concen: 114.20 ng
RT: 5.726 min Scan# 406
Delta R.T. -0.003 min
Lab File: BG047850.D
Acq: 31 Dec 2020 16:12

Tgt Ion:112 Resp: 235728
Ion Ratio Lower Upper
112 100
64 60.4 46.7 70.1
63 44.1 22.8 34.2#

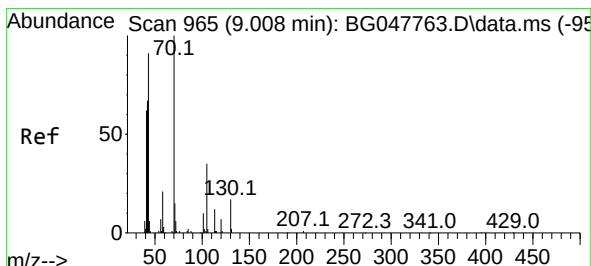
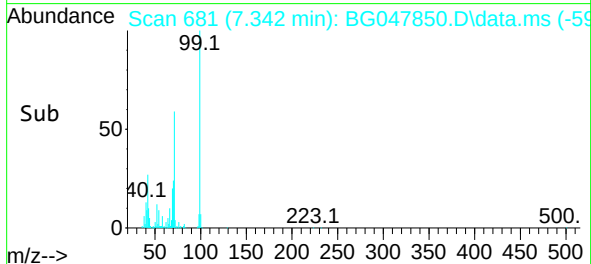
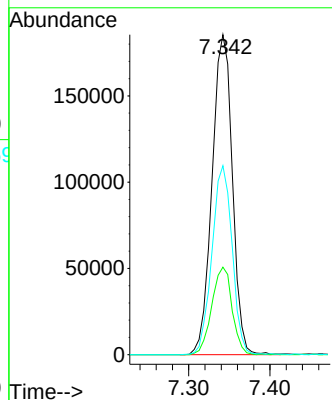
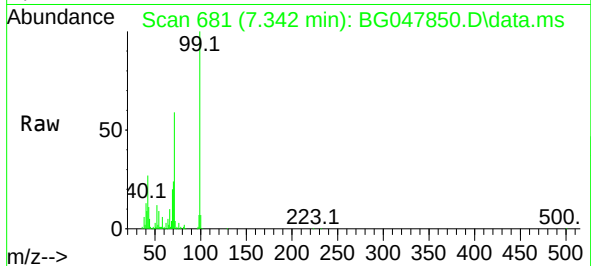




#7
Phenol-d6
Concen: 106.61 ng
RT: 7.342 min Scan# 681
Delta R.T. -0.003 min
Lab File: BG047850.D
Acq: 31 Dec 2020 16:12

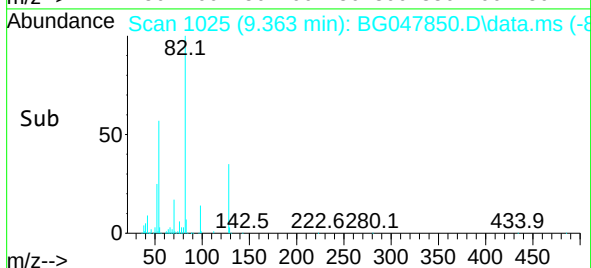
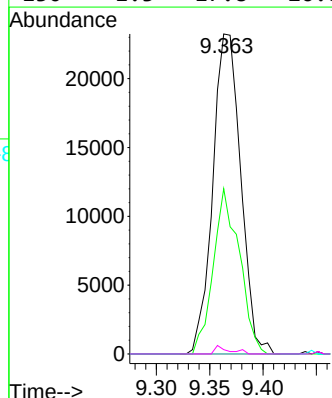
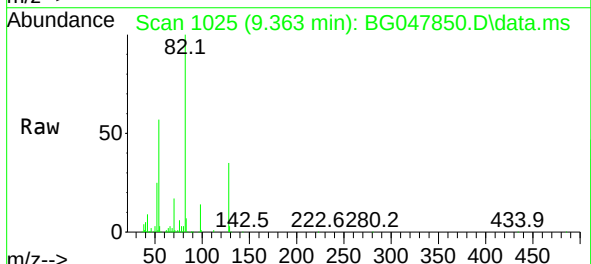
Instrument :
BNA_G
ClientSampleId :
PB133886TB

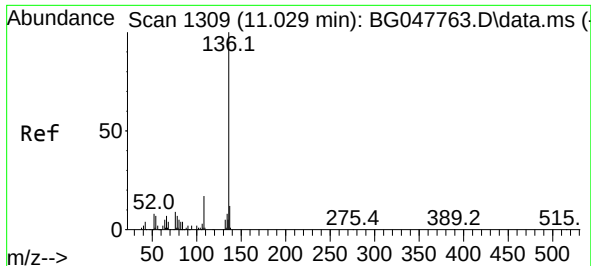
Tgt Ion: 99 Resp: 321676
Ion Ratio Lower Upper
99 100
42 27.4 12.8 19.2#
71 59.1 24.6 36.8#



#19
n-Nitroso-di-n-propylamine
Concen: 20.18 ng
RT: 9.363 min Scan# 1025
Delta R.T. 0.355 min
Lab File: BG047850.D
Acq: 31 Dec 2020 16:12

Tgt Ion: 70 Resp: 42368
Ion Ratio Lower Upper
70 100
42 51.6 45.6 68.4
101 0.0 8.4 12.6#
130 1.3 17.8 26.8#

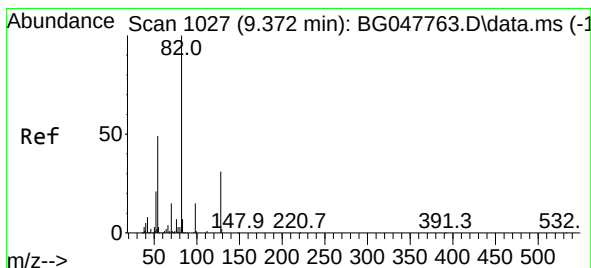
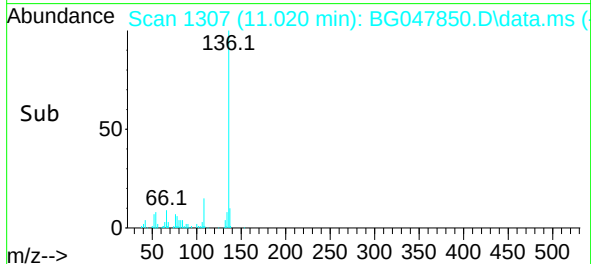
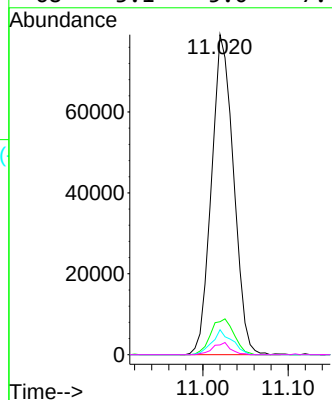
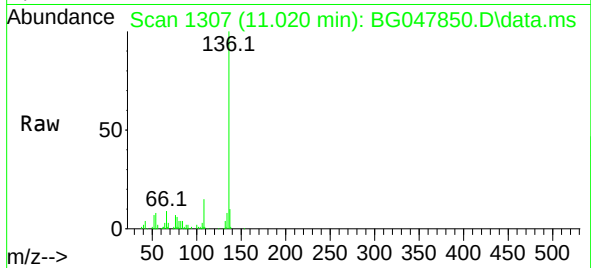




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.020 min Scan# 1307
Delta R.T. -0.009 min
Lab File: BG047850.D
Acq: 31 Dec 2020 16:12

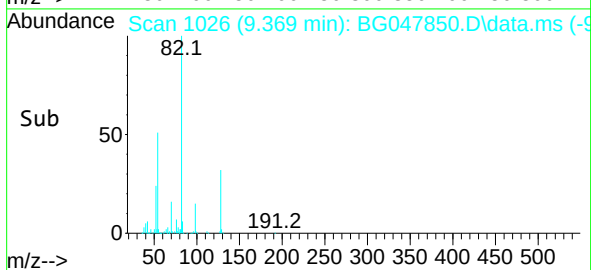
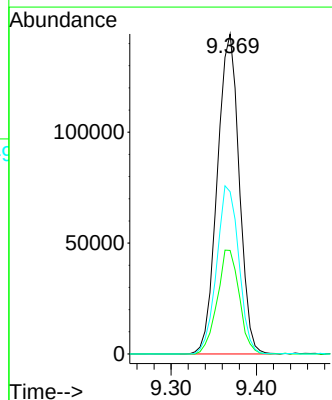
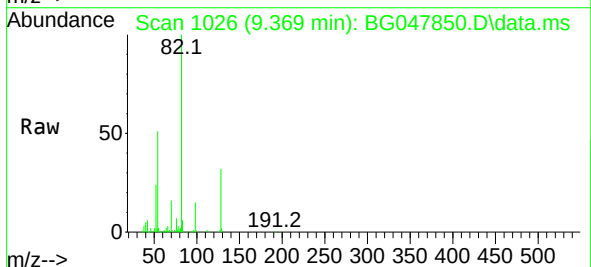
Instrument :
BNA_G
ClientSampleId :
PB133886TB

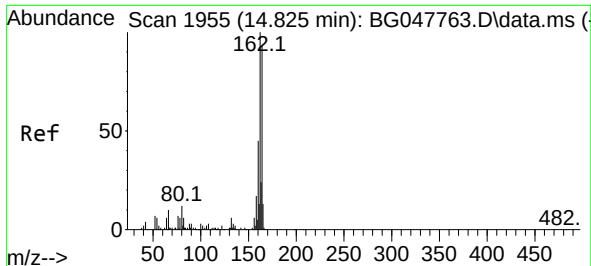
Tgt Ion:	136	Resp:	142518
Ion Ratio	Lower	Upper	
136	100		
137	10.3	9.1	13.7
54	7.8	6.2	9.4
68	3.1	5.0	7.4



#23
Nitrobenzene-d5
Concen: 66.47 ng
RT: 9.369 min Scan# 1026
Delta R.T. -0.003 min
Lab File: BG047850.D
Acq: 31 Dec 2020 16:12

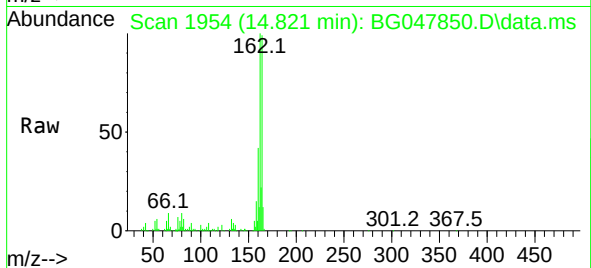
Tgt Ion:	82	Resp:	257542
Ion Ratio	Lower	Upper	
82	100		
128	32.4	37.0	55.6
54	50.7	39.0	58.4



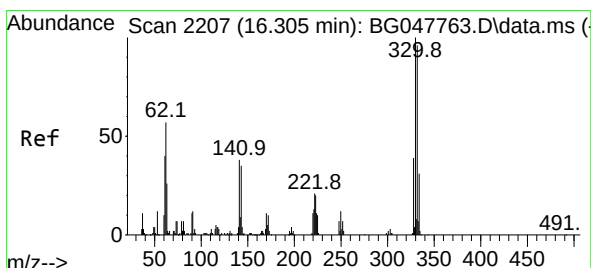
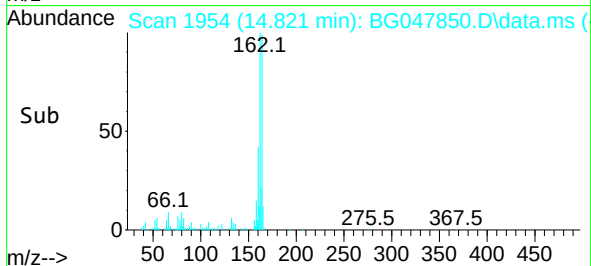
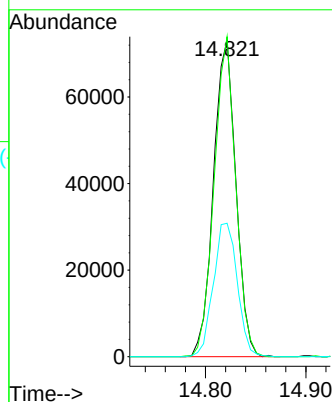


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.821 min Scan# 1954
Delta R.T. -0.003 min
Lab File: BG047850.D
Acq: 31 Dec 2020 16:12

Instrument :
BNA_G
ClientSampleId :
PB133886TB

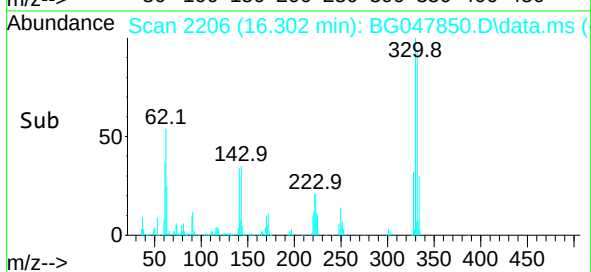
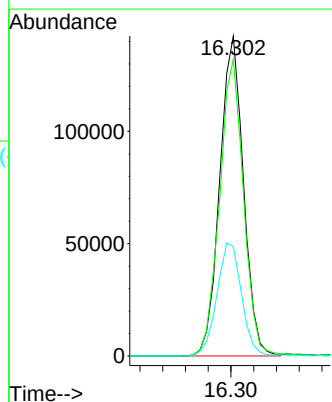
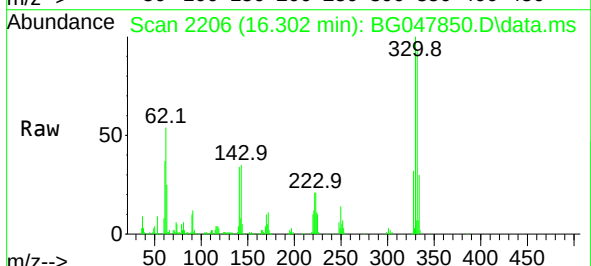


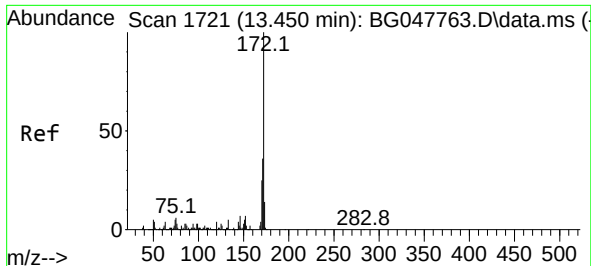
Tgt Ion:164 Resp: 113171
Ion Ratio Lower Upper
164 100
162 101.0 82.3 123.5
160 42.1 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 106.51 ng
RT: 16.302 min Scan# 2206
Delta R.T. -0.003 min
Lab File: BG047850.D
Acq: 31 Dec 2020 16:12

Tgt Ion:330 Resp: 205781
Ion Ratio Lower Upper
330 100
332 94.4 76.5 114.7
141 36.8 26.0 39.0

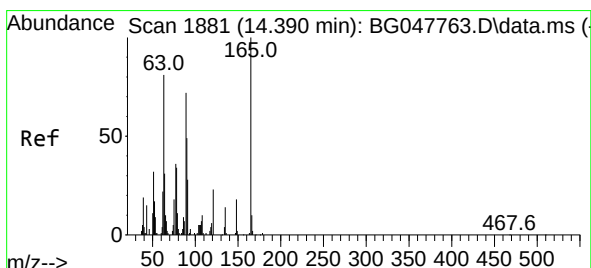
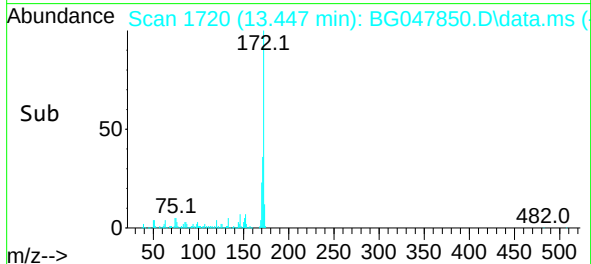
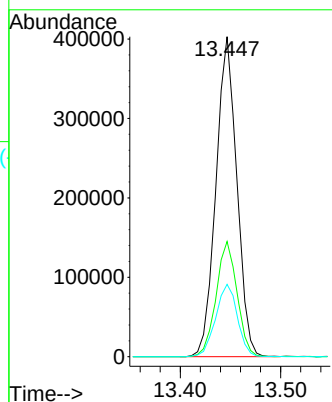
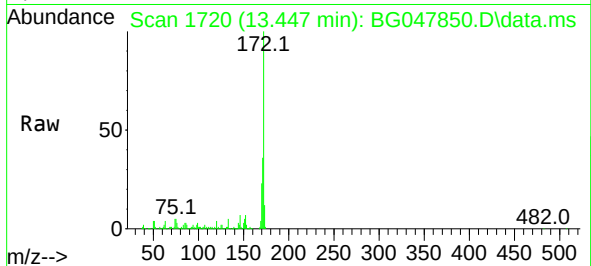




#45
2-Fluorobiphenyl
Concen: 66.50 ng
RT: 13.447 min Scan# 1720
Delta R.T. -0.003 min
Lab File: BG047850.D
Acq: 31 Dec 2020 16:12

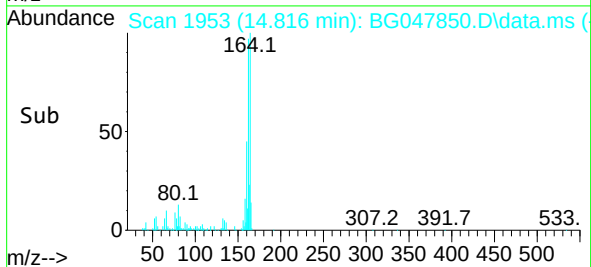
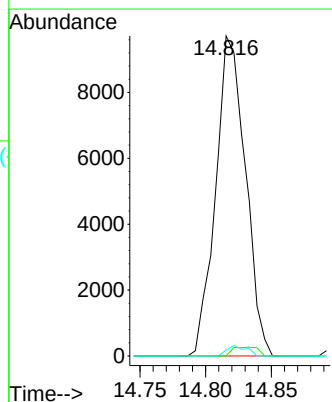
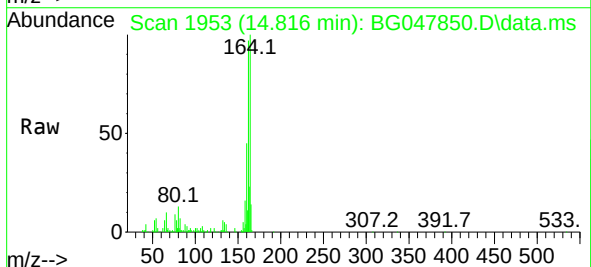
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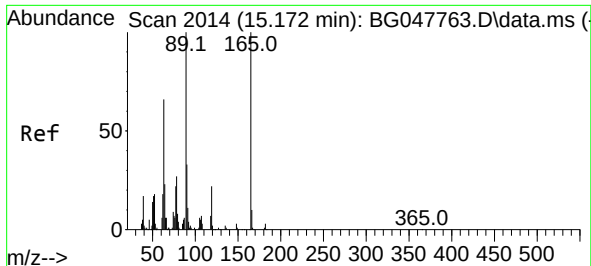
Tgt Ion:172 Resp: 581578
Ion Ratio Lower Upper
172 100
171 36.0 31.3 46.9
170 22.6 20.8 31.2



#51
2,6-Dinitrotoluene
Concen: 7.73 ng
RT: 14.816 min Scan# 1953
Delta R.T. 0.426 min
Lab File: BG047850.D
Acq: 31 Dec 2020 16:12

Tgt Ion:165 Resp: 15324
Ion Ratio Lower Upper
165 100
63 0.0 33.7 50.5#
89 1.8 36.6 54.8#

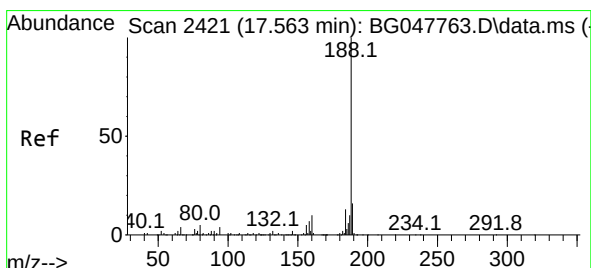
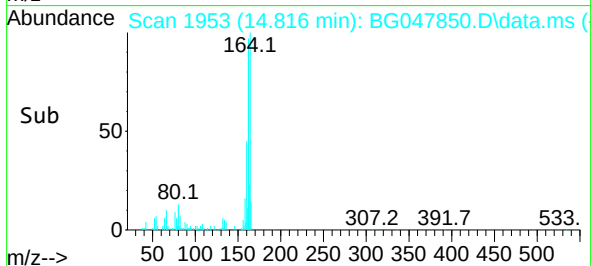
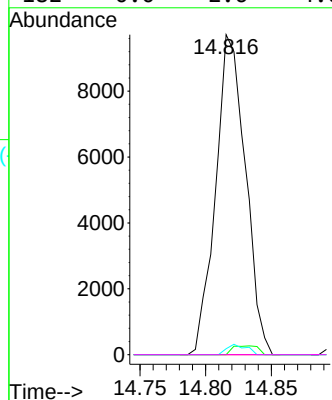
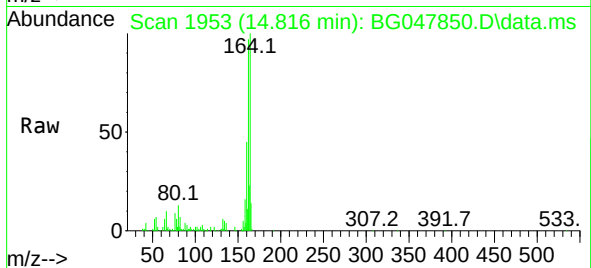




#57
2,4-Dinitrotoluene
Concen: 5.20 ng
RT: 14.816 min Scan# 1953
Delta R.T. -0.356 min
Lab File: BG047850.D
Acq: 31 Dec 2020 16:12

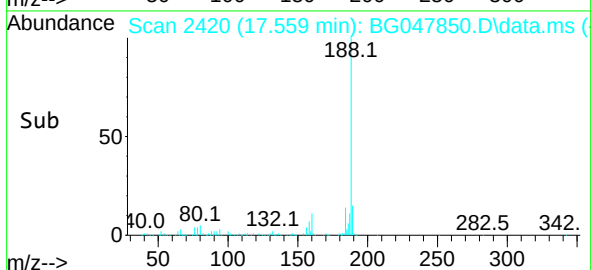
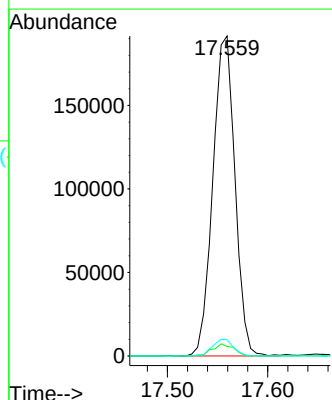
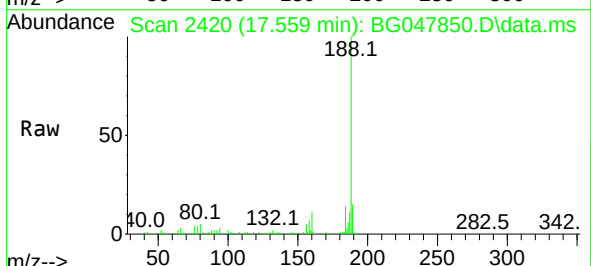
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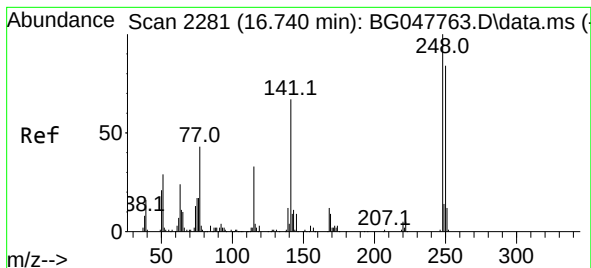
Tgt Ion:165 Resp: 15324
Ion Ratio Lower Upper
165 100
63 0.0 26.4 39.6#
89 1.8 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.559 min Scan# 2420
Delta R.T. -0.004 min
Lab File: BG047850.D
Acq: 31 Dec 2020 16:12

Tgt Ion:188 Resp: 292984
Ion Ratio Lower Upper
188 100
94 3.0 6.3 9.5#
80 5.0 7.0 10.6#

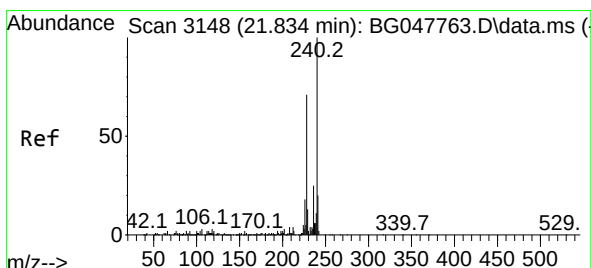
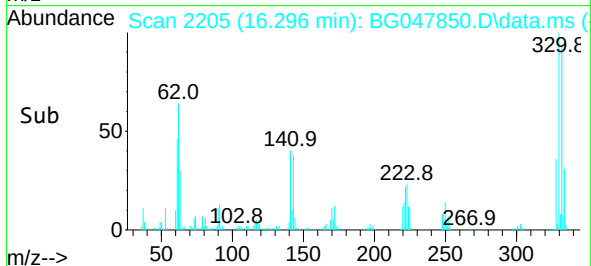
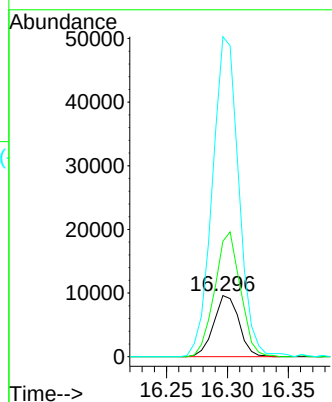
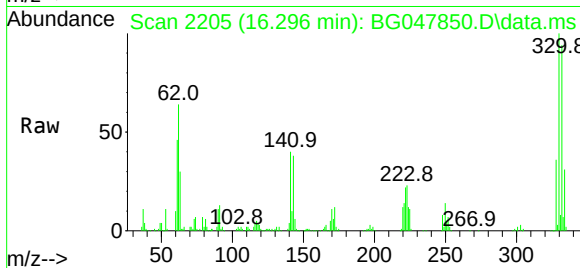




#67
4-Bromophenyl-phenylether
Concen: 3.51 ng
RT: 16.296 min Scan# 2205
Delta R.T. -0.444 min
Lab File: BG047850.D
Acq: 31 Dec 2020 16:12

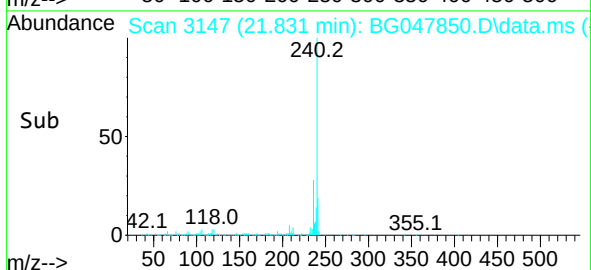
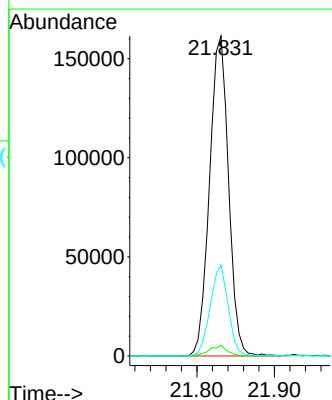
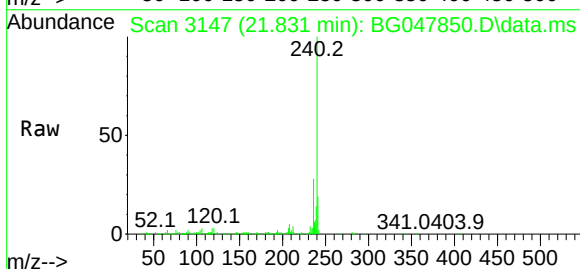
Instrument :
BNA_G
ClientSampleId :
PB133886TB

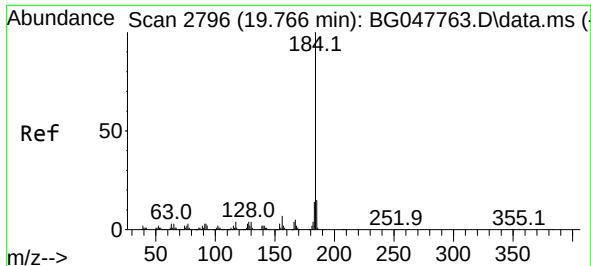
Tgt Ion:248 Resp: 13835
Ion Ratio Lower Upper
248 100
250 189.2 78.9 118.3#
141 524.0 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.831 min Scan# 3147
Delta R.T. -0.003 min
Lab File: BG047850.D
Acq: 31 Dec 2020 16:12

Tgt Ion:240 Resp: 274893
Ion Ratio Lower Upper
240 100
120 3.4 6.2 9.4#
236 28.5 20.5 30.7

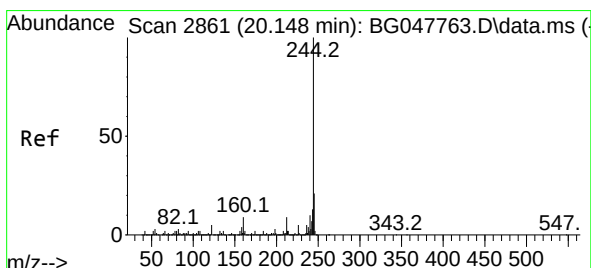
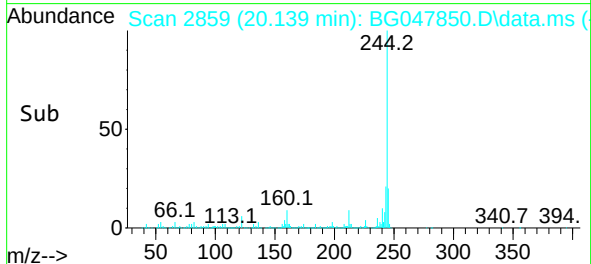
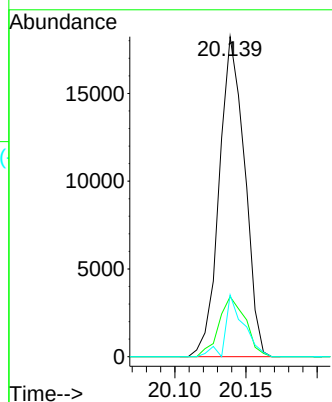
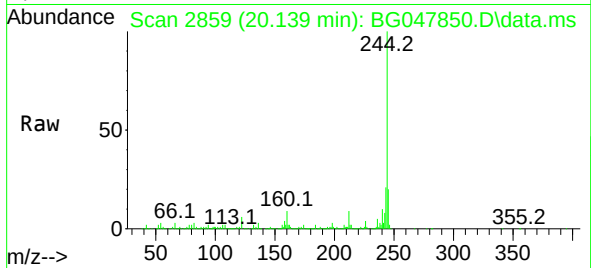




#77
Benzidine
Concen: 3.06 ng
RT: 20.139 min Scan# 2859
Delta R.T. 0.373 min
Lab File: BG047850.D
Acq: 31 Dec 2020 16:12

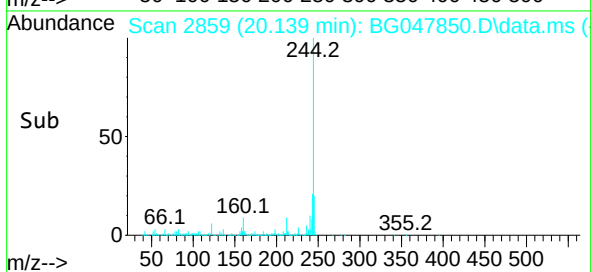
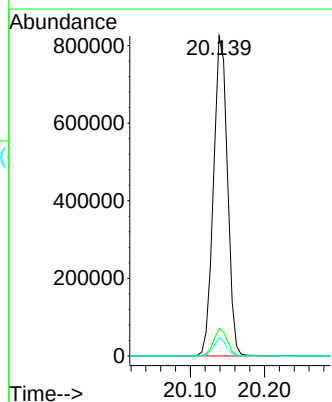
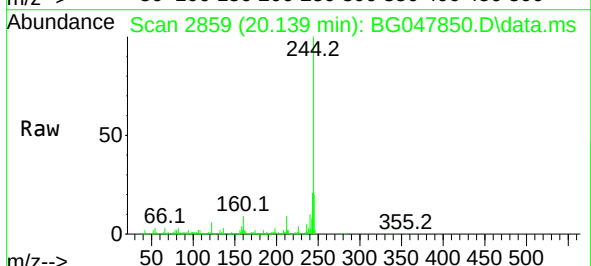
Instrument :
BNA_G
ClientSampleId :
PB133886TB

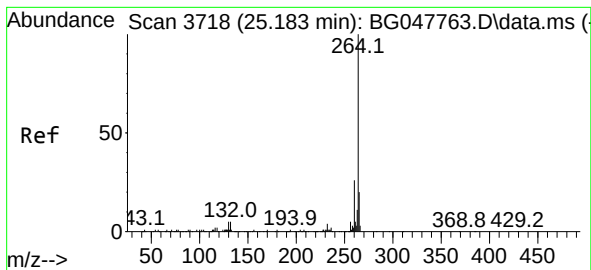
Tgt Ion:184 Resp: 22645
Ion Ratio Lower Upper
184 100
185 18.7 12.4 18.6#
183 19.3 10.6 15.8#



#79
Terphenyl-d14
Concen: 64.63 ng
RT: 20.139 min Scan# 2859
Delta R.T. -0.009 min
Lab File: BG047850.D
Acq: 31 Dec 2020 16:12

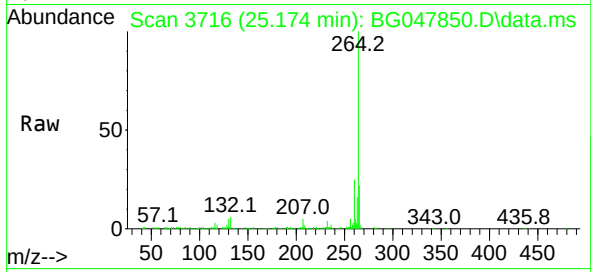
Tgt Ion:244 Resp: 1078211
Ion Ratio Lower Upper
244 100
212 8.6 6.7 10.1
122 5.7 7.8 11.6#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.174 min Scan# 3716
Delta R.T. -0.009 min
Lab File: BG047850.D
Acq: 31 Dec 2020 16:12

Instrument :
BNA_G
ClientSampleId :
PB133886TB



Tgt Ion:264 Resp: 268648

Ion	Ratio	Lower	Upper
264	100		
260	25.4	18.8	28.2
265	22.0	17.8	26.8

