

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100820\
 Data File : BG046823.D
 Acq On : 8 Oct 2020 20:10
 Operator : CG/JU
 Sample : L4280-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 10-6-HSFRAC

Quant Time: Oct 09 01:12:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 07 11:38:17 2020
 Response via : Initial Calibration

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

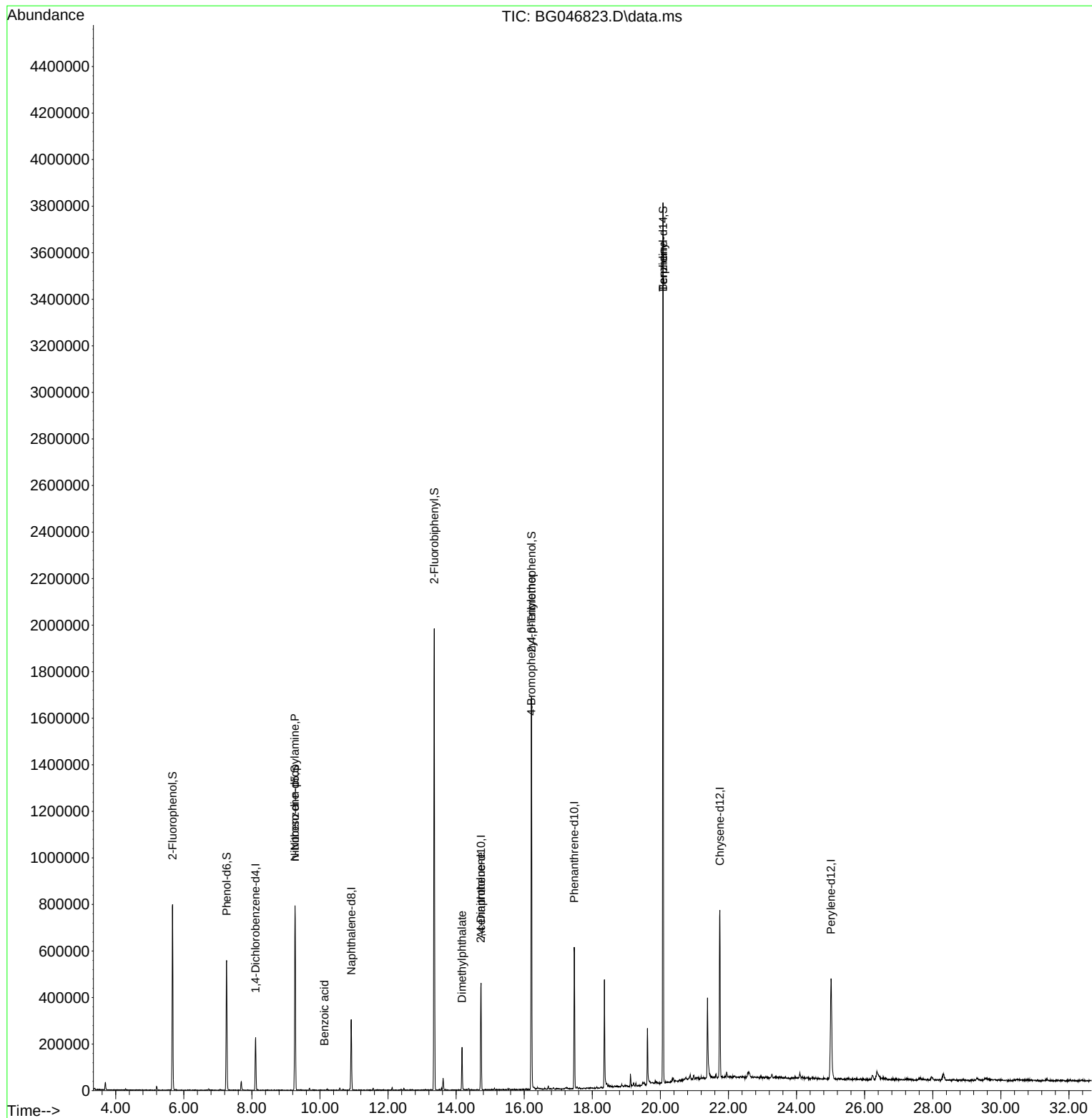
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.109	152	62731	20.00	ng	0.00
21) Naphthalene-d8	10.918	136	238703	20.00	ng	0.00
39) Acenaphthene-d10	14.731	164	165035	20.00	ng	0.00
64) Phenanthrene-d10	17.469	188	389505	20.00	ng	#-0.01
76) Chrysene-d12	21.746	240	462898	20.00	ng	#-0.01
86) Perylene-d12	25.013	264	487893	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.671	112	333267	85.11	ng	0.00
7) Phenol-d6	7.257	99	304053	55.05	ng	0.00
23) Nitrobenzene-d5	9.267	82	463166	103.23	ng	0.00
42) 2,4,6-Tribromophenol	16.212	330	325773	149.70	ng	0.00
45) 2-Fluorobiphenyl	13.356	172	1031252	88.46	ng	0.00
79) Terphenyl-d14	20.078	244	1644364	71.20	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.251	77	641	Below Cal	#	35
19) n-Nitroso-di-n-propyla...	9.267	70	66416	17.54	ng	# 77
32) Benzoic acid	10.130	122	146	6.40	ng	# 76
50) Dimethylphthalate	14.173	163	120401	9.13	ng	97
57) 2,4-Dinitrotoluene	14.725	165	21393	7.54	ng	# 33
67) 4-Bromophenyl-phenylether	16.206	248	23896	4.86	ng	# 1
77) Benzidine	20.078	184	28606	2.00	ng	# 93

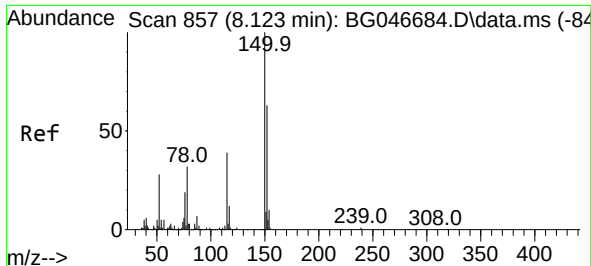
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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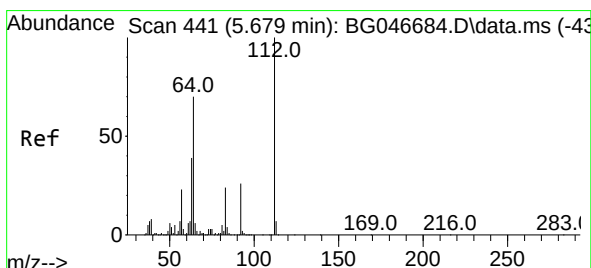
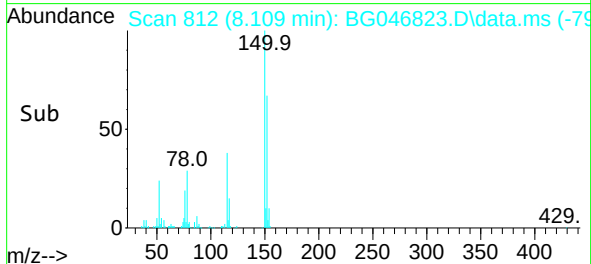
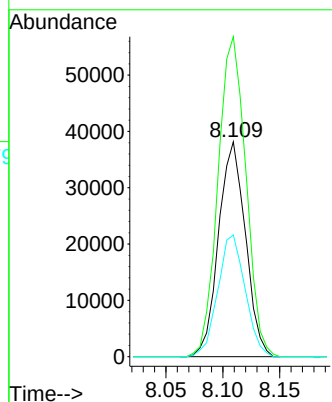
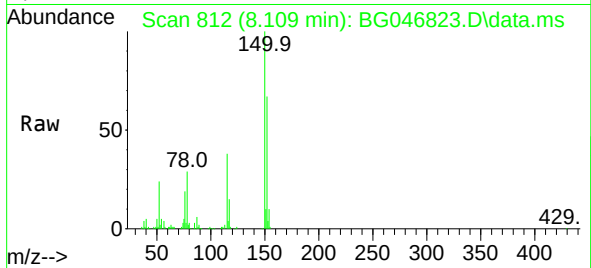




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.109 min Scan# 812
Delta R.T. 0.001 min
Lab File: BG046823.D
Acq: 8 Oct 2020 20:10

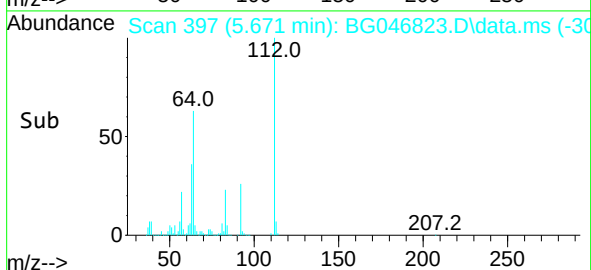
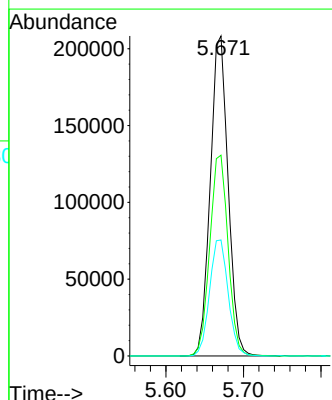
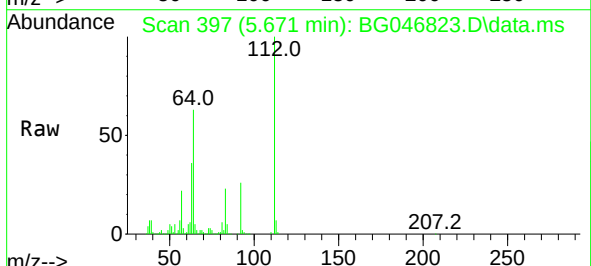
Instrument :
BNA_G
ClientSampleId :
10-6-HSFRAC

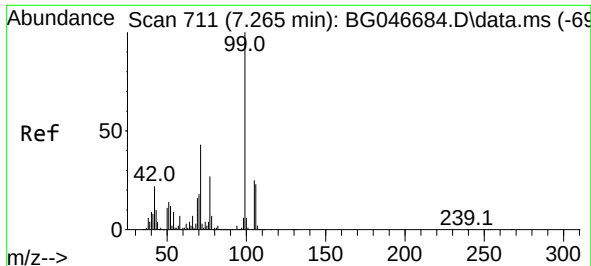
Tgt Ion:152 Resp: 62731
Ion Ratio Lower Upper
152 100
150 148.9 125.0 187.6
115 56.7 41.8 62.6



#5
2-Fluorophenol
Concen: 85.11 ng
RT: 5.671 min Scan# 397
Delta R.T. 0.001 min
Lab File: BG046823.D
Acq: 8 Oct 2020 20:10

Tgt Ion:112 Resp: 333267
Ion Ratio Lower Upper
112 100
64 62.7 46.7 70.1
63 36.2 22.8 34.2#

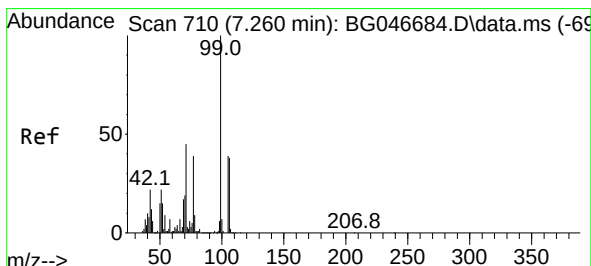
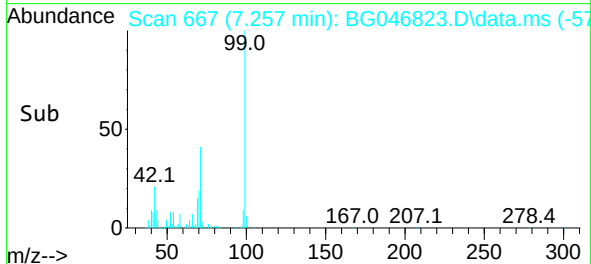
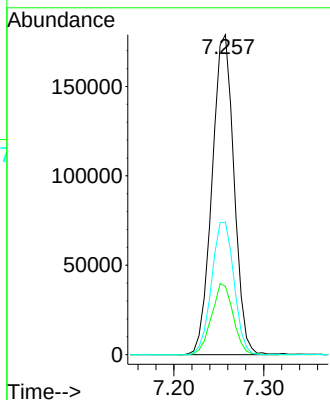
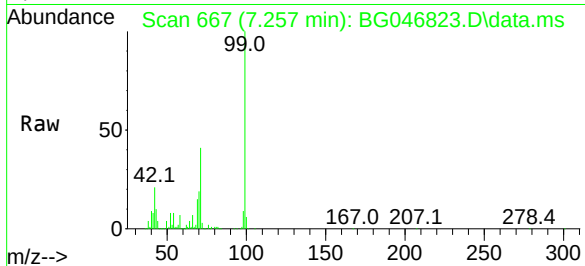




#7
Phenol-d6
Concen: 55.05 ng
RT: 7.257 min Scan# 667
Delta R.T. 0.001 min
Lab File: BG046823.D
Acq: 8 Oct 2020 20:10

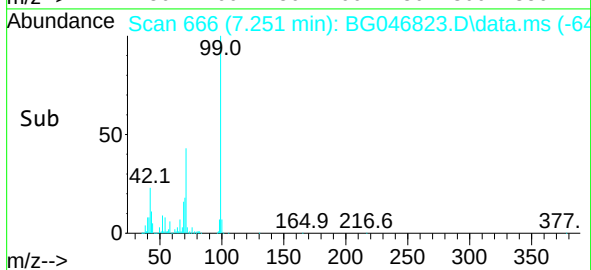
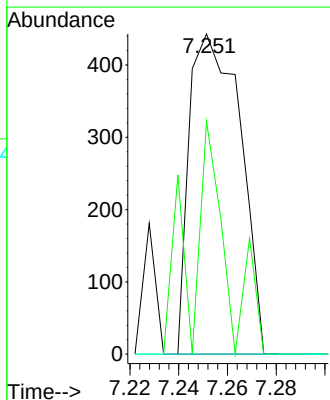
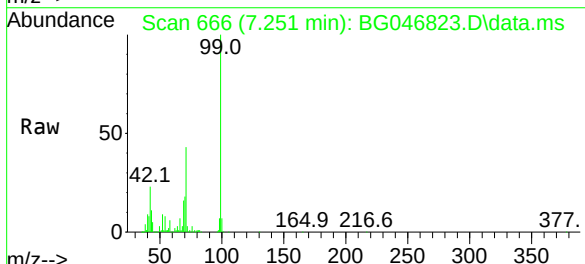
Instrument :
BNA_G
ClientSampleId :
10-6-HSFRAC

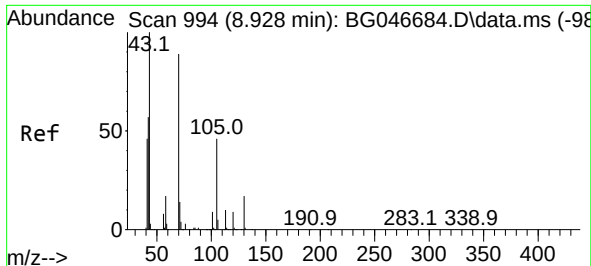
Tgt Ion: 99 Resp: 304053
Ion Ratio Lower Upper
99 100
42 21.4 12.8 19.2#
71 41.4 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.251 min Scan# 666
Delta R.T. 0.007 min
Lab File: BG046823.D
Acq: 8 Oct 2020 20:10

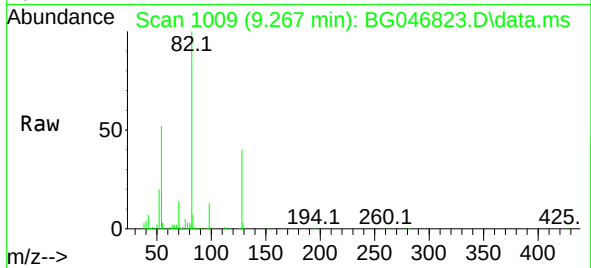
Tgt Ion: 77 Resp: 641
Ion Ratio Lower Upper
77 100
105 72.7 85.9 125.9#
106 0.0 80.9 120.9#



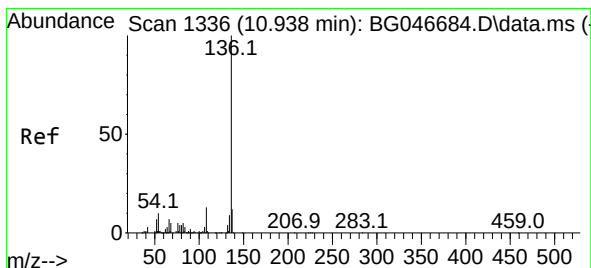
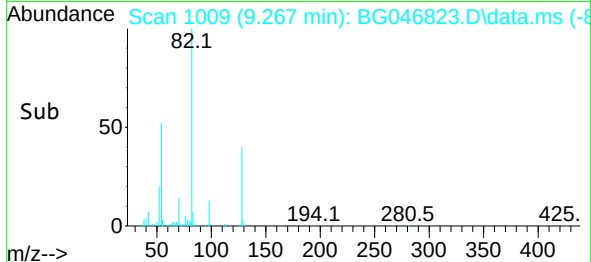
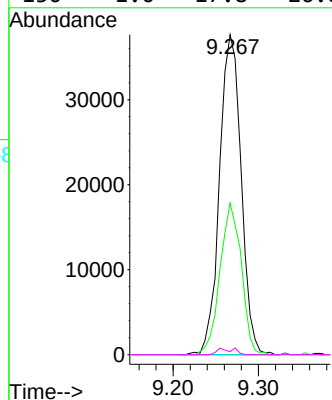


#19
n-Nitroso-di-n-propylamine
Concen: 17.54 ng
RT: 9.267 min Scan# 1009
Delta R.T. 0.354 min
Lab File: BG046823.D
Acq: 8 Oct 2020 20:10

Instrument :
BNA_G
ClientSampleId :
10-6-HSFRAC

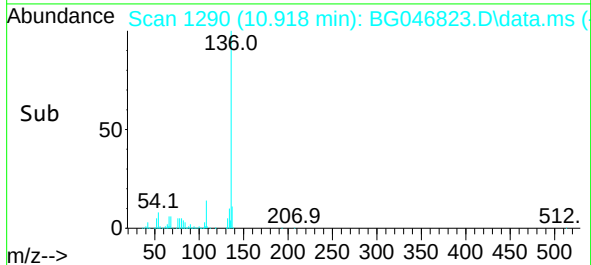
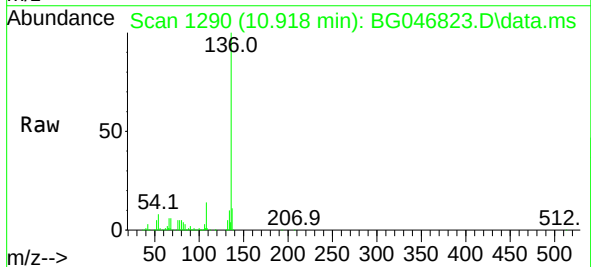
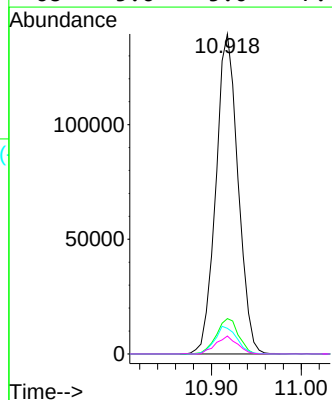


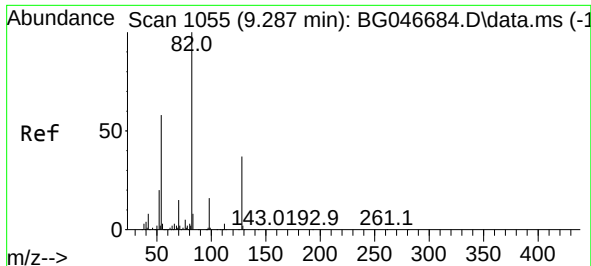
Tgt Ion:	70	Resp:	66416
Ion	Ratio	Lower	Upper
70	100		
42	47.4	45.6	68.4
101	0.0	8.4	12.6#
130	1.0	17.8	26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.918 min Scan# 1290
Delta R.T. -0.004 min
Lab File: BG046823.D
Acq: 8 Oct 2020 20:10

Tgt Ion:	136	Resp:	238703
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	8.0	6.2	9.4
68	5.6	5.0	7.4

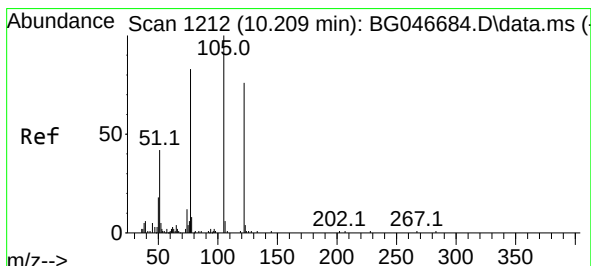
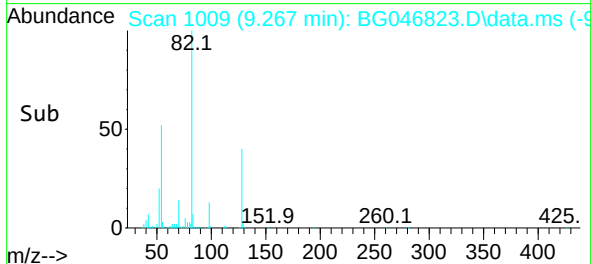
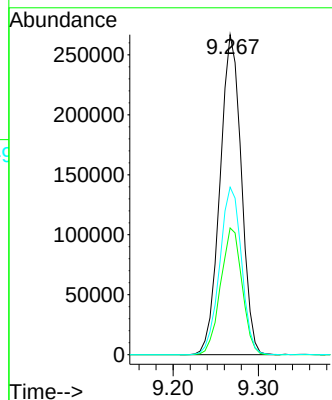
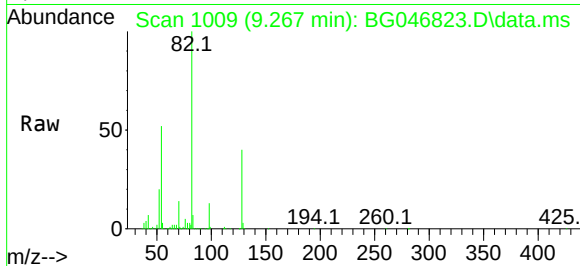




#23
Nitrobenzene-d5
Concen: 103.23 ng
RT: 9.267 min Scan# 1009
Delta R.T. -0.004 min
Lab File: BG046823.D
Acq: 8 Oct 2020 20:10

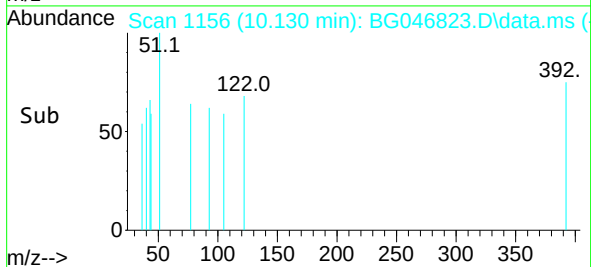
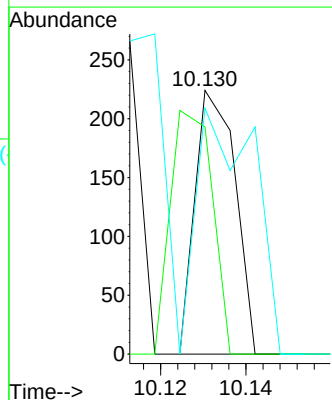
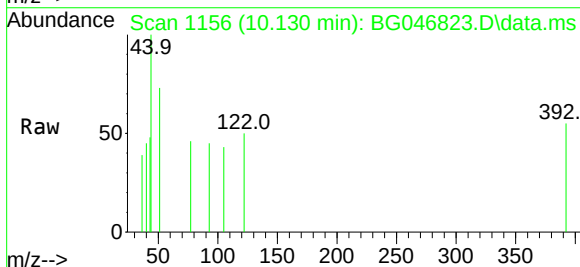
Instrument :
BNA_G
ClientSampleId :
10-6-HSFRAC

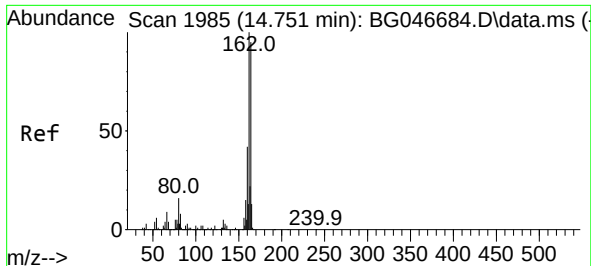
Tgt Ion: 82 Resp: 463166
Ion Ratio Lower Upper
82 100
128 39.6 37.0 55.6
54 52.4 39.0 58.4



#32
Benzoic acid
Concen: 6.40 ng
RT: 10.130 min Scan# 1156
Delta R.T. -0.063 min
Lab File: BG046823.D
Acq: 8 Oct 2020 20:10

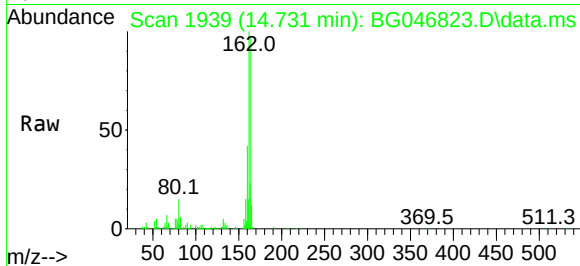
Tgt Ion:122 Resp: 146
Ion Ratio Lower Upper
122 100
105 86.2 103.7 143.7#
77 93.3 63.0 103.0



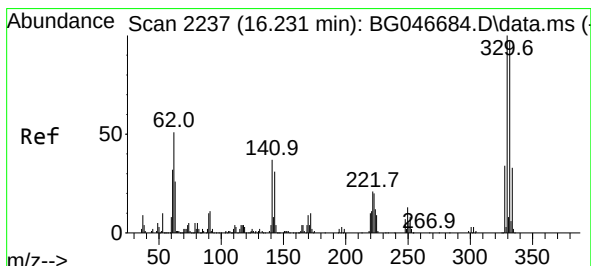
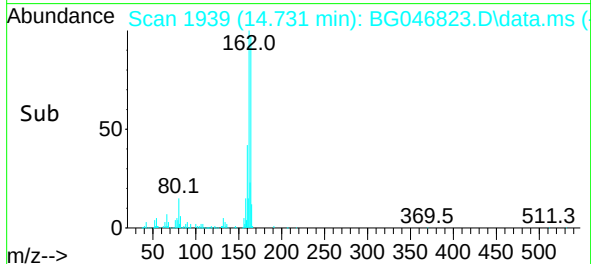
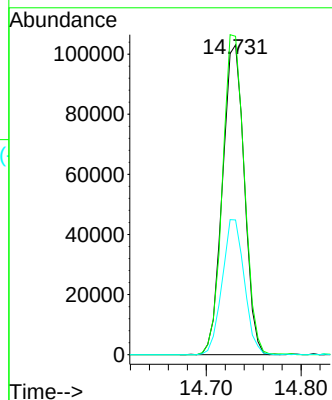


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.731 min Scan# 1939
Delta R.T. -0.004 min
Lab File: BG046823.D
Acq: 8 Oct 2020 20:10

Instrument :
BNA_G
ClientSampleId :
10-6-HSFRAC

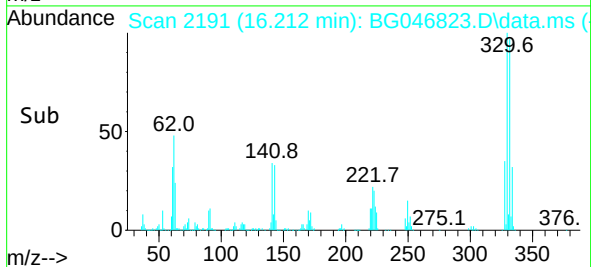
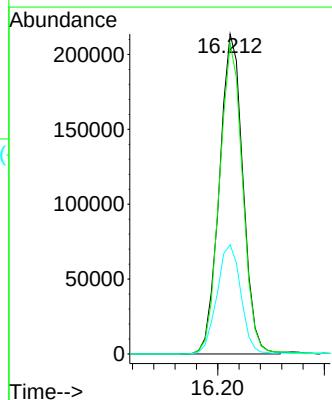
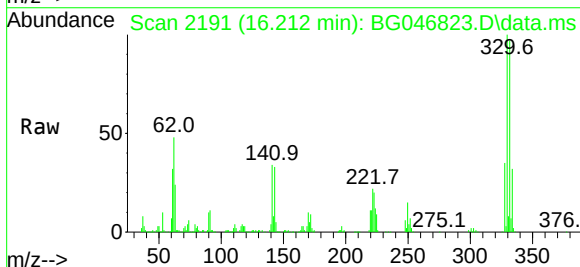


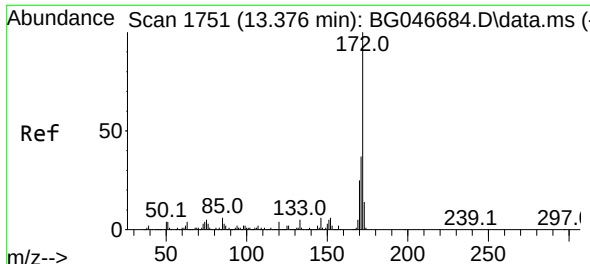
Tgt Ion:164 Resp: 165035
Ion Ratio Lower Upper
164 100
162 102.8 82.3 123.5
160 43.5 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 149.70 ng
RT: 16.212 min Scan# 2191
Delta R.T. -0.004 min
Lab File: BG046823.D
Acq: 8 Oct 2020 20:10

Tgt Ion:330 Resp: 325773
Ion Ratio Lower Upper
330 100
332 96.1 76.5 114.7
141 35.0 26.0 39.0

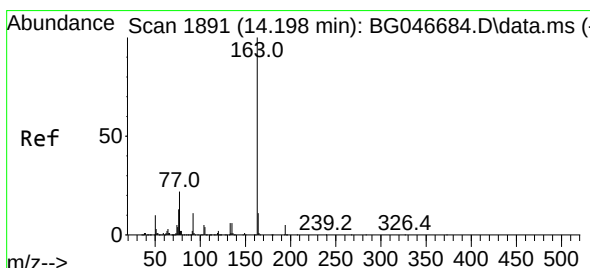
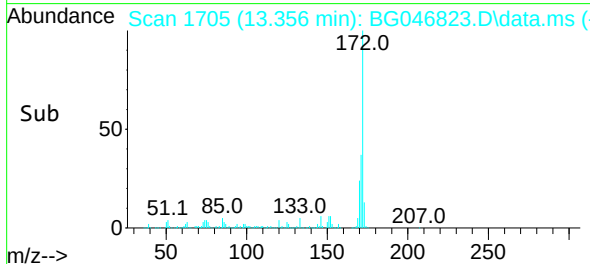
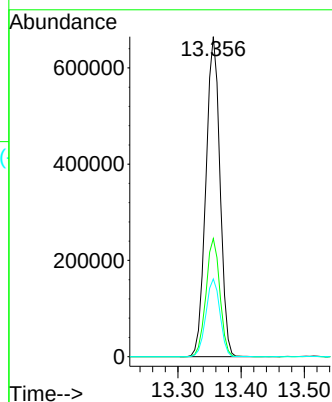
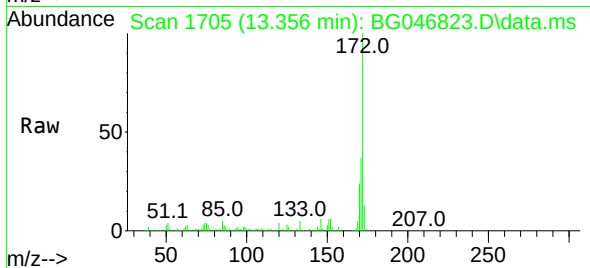




#45
2-Fluorobiphenyl
Concen: 88.46 ng
RT: 13.356 min Scan# 1705
Delta R.T. -0.004 min
Lab File: BG046823.D
Acq: 8 Oct 2020 20:10

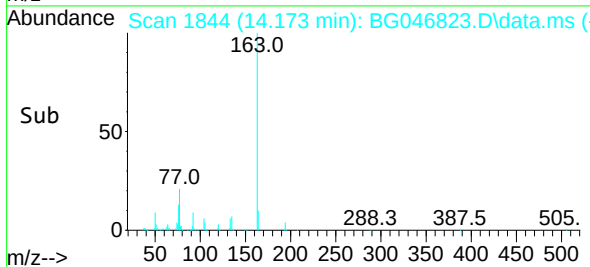
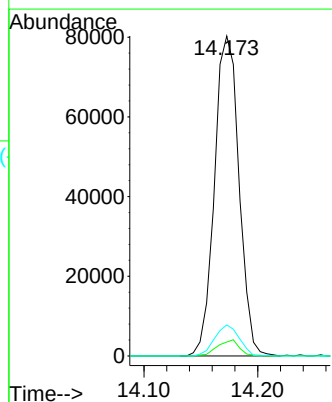
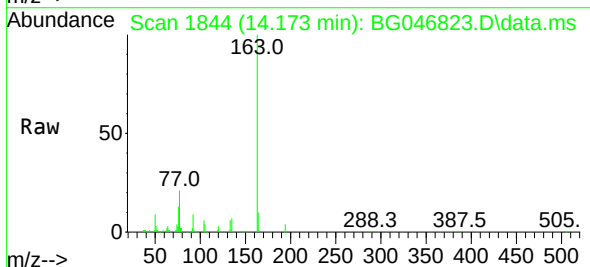
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10-6-HSFRAC

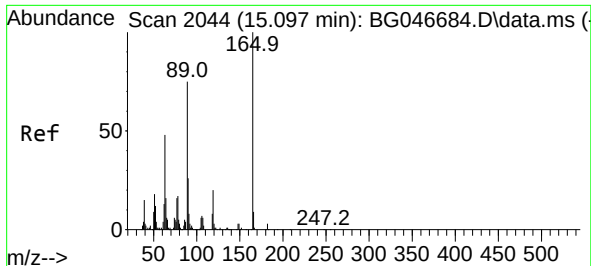
Tgt Ion:172 Resp: 1031252
Ion Ratio Lower Upper
172 100
171 36.9 31.3 46.9
170 24.3 20.8 31.2



#50
Dimethylphthalate
Concen: 9.13 ng
RT: 14.173 min Scan# 1844
Delta R.T. -0.010 min
Lab File: BG046823.D
Acq: 8 Oct 2020 20:10

Tgt Ion:163 Resp: 120401
Ion Ratio Lower Upper
163 100
194 4.4 3.8 5.8
164 9.7 8.8 13.2

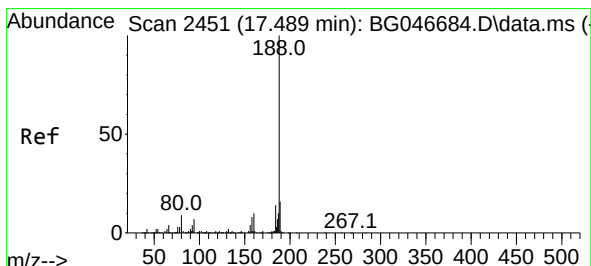
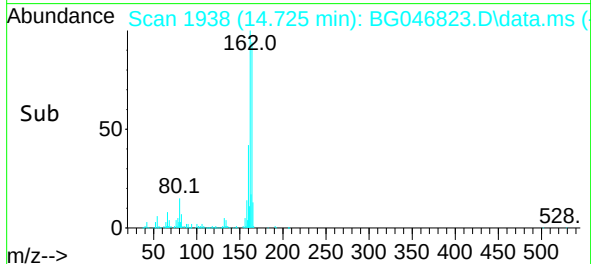
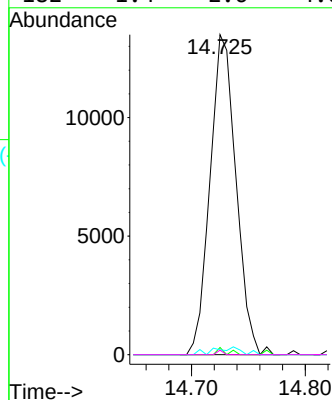
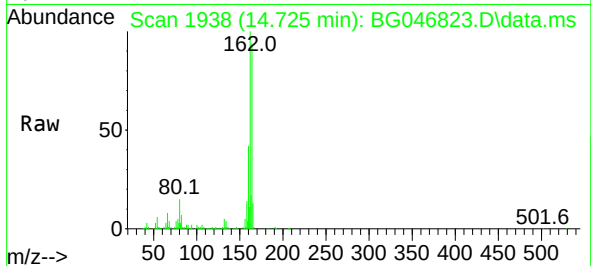




#57
2,4-Dinitrotoluene
Concen: 7.54 ng
RT: 14.725 min Scan# 1938
Delta R.T. -0.357 min
Lab File: BG046823.D
Acq: 8 Oct 2020 20:10

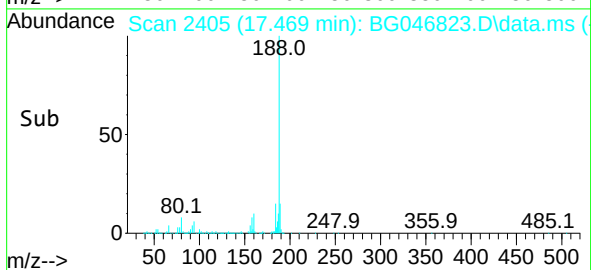
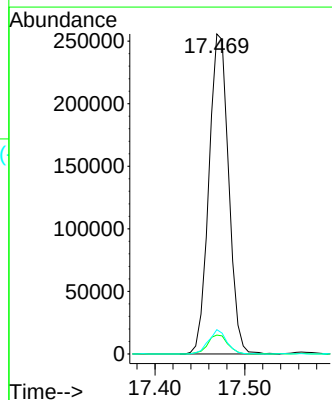
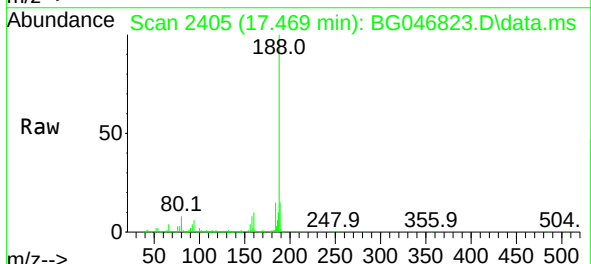
Instrument :
BNA_G
ClientSampleId :
10-6-HSFRAC

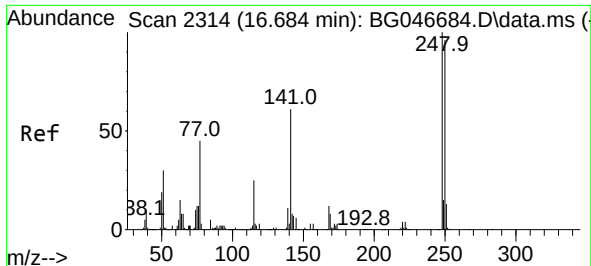
Tgt Ion:165 Resp: 21393
Ion Ratio Lower Upper
165 100
63 2.3 26.4 39.6#
89 1.5 47.8 71.8#
182 1.4 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.469 min Scan# 2405
Delta R.T. -0.010 min
Lab File: BG046823.D
Acq: 8 Oct 2020 20:10

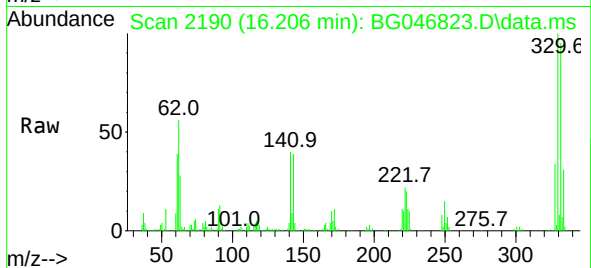
Tgt Ion:188 Resp: 389505
Ion Ratio Lower Upper
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94 5.9 6.3 9.5#
80 7.6 7.0 10.6



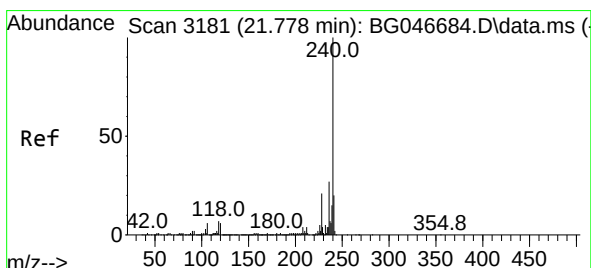
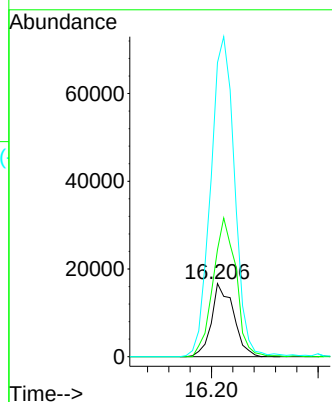
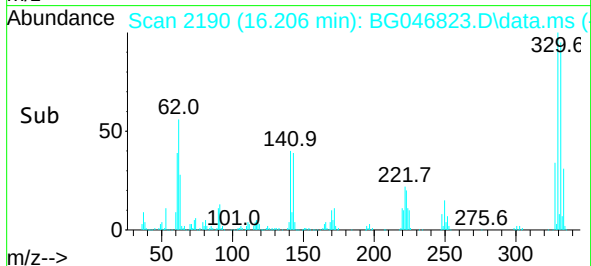


#67
4-Bromophenyl-phenylether
Concen: 4.86 ng
RT: 16.206 min Scan# 2190
Delta R.T. -0.457 min
Lab File: BG046823.D
Acq: 8 Oct 2020 20:10

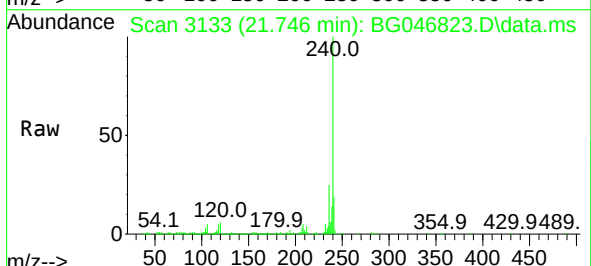
Instrument :
BNA_G
ClientSampleId :
10-6-HSFRAC



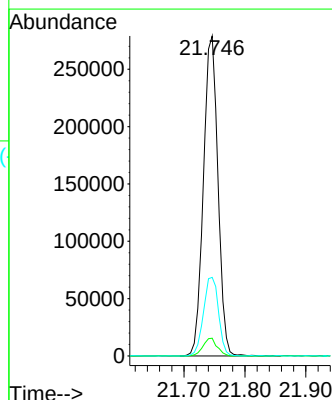
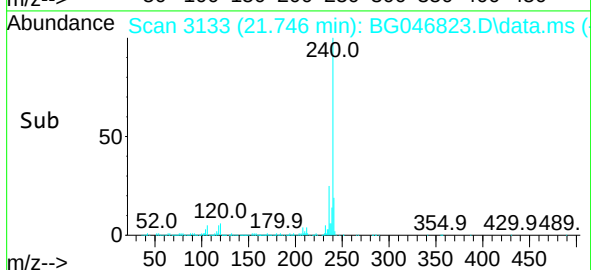
Tgt Ion:248 Resp: 23896
Ion Ratio Lower Upper
248 100
250 191.1 78.9 118.3#
141 402.1 46.2 69.4#

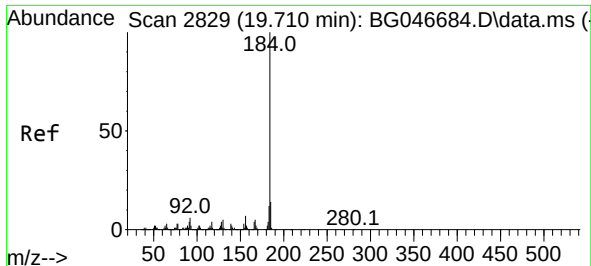


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.746 min Scan# 3133
Delta R.T. -0.010 min
Lab File: BG046823.D
Acq: 8 Oct 2020 20:10



Tgt Ion:240 Resp: 462898
Ion Ratio Lower Upper
240 100
120 5.6 6.2 9.4#
236 24.6 20.5 30.7

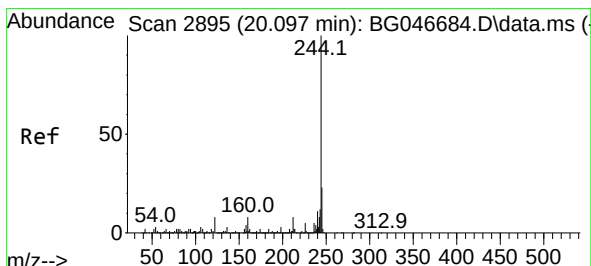
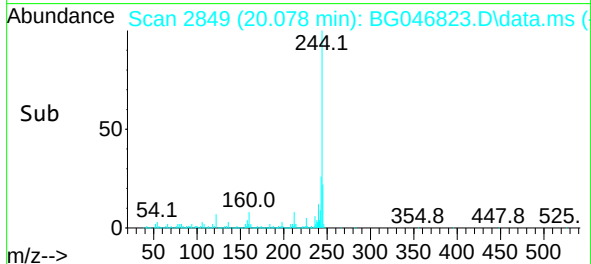
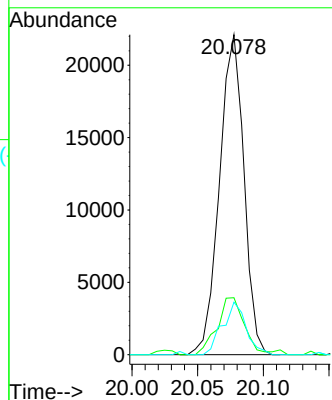
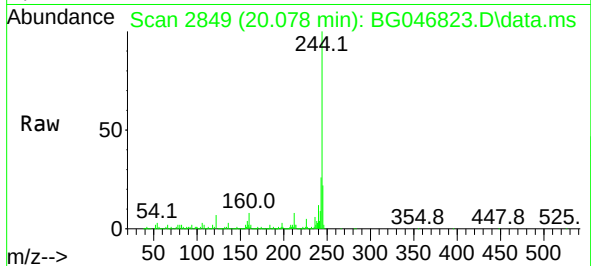




#77
Benzidine
Concen: 2.00 ng
RT: 20.078 min Scan# 2849
Delta R.T. 0.377 min
Lab File: BG046823.D
Acq: 8 Oct 2020 20:10

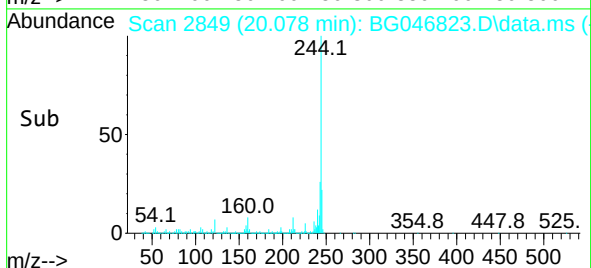
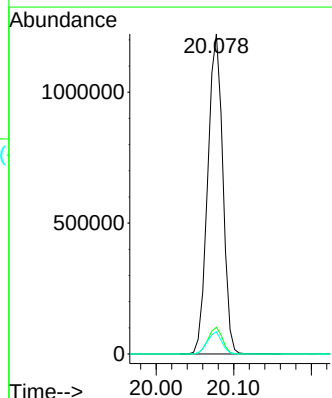
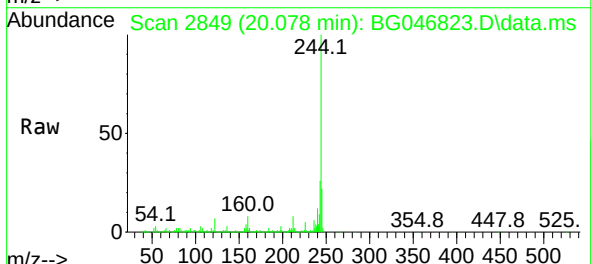
Instrument :
BNA_G
ClientSampleId :
10-6-HSFRAC

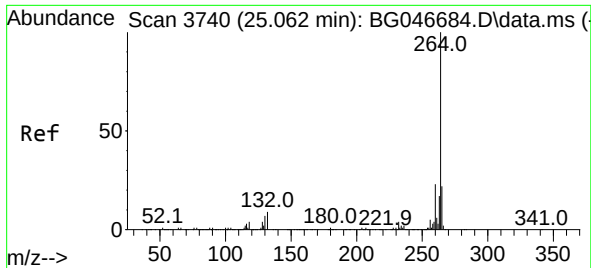
Tgt Ion:184 Resp: 28606
Ion Ratio Lower Upper
184 100
185 17.8 12.4 18.6
183 16.4 10.6 15.8#



#79
Terphenyl-d14
Concen: 71.20 ng
RT: 20.078 min Scan# 2849
Delta R.T. -0.004 min
Lab File: BG046823.D
Acq: 8 Oct 2020 20:10

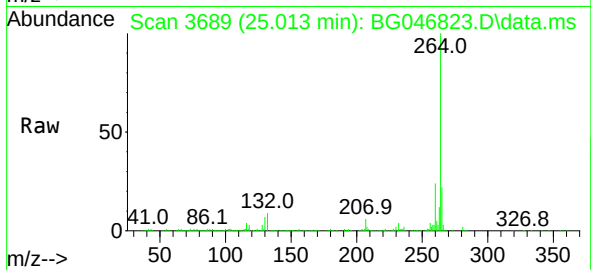
Tgt Ion:244 Resp: 1644364
Ion Ratio Lower Upper
244 100
212 8.4 6.7 10.1
122 6.9 7.8 11.6#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.013 min Scan# 3689
Delta R.T. -0.016 min
Lab File: BG046823.D
Acq: 8 Oct 2020 20:10

Instrument :
BNA_G
ClientSampleId :
10-6-HSFRAC



Tgt Ion:264 Resp: 487893

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.8	28.2
265	22.2	17.8	26.8

