

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101320\
 Data File : BG046882.D
 Acq On : 13 Oct 2020 20:26
 Operator : CG/JU
 Sample : L4217-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-01-101220

Quant Time: Oct 14 01:05:54 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)

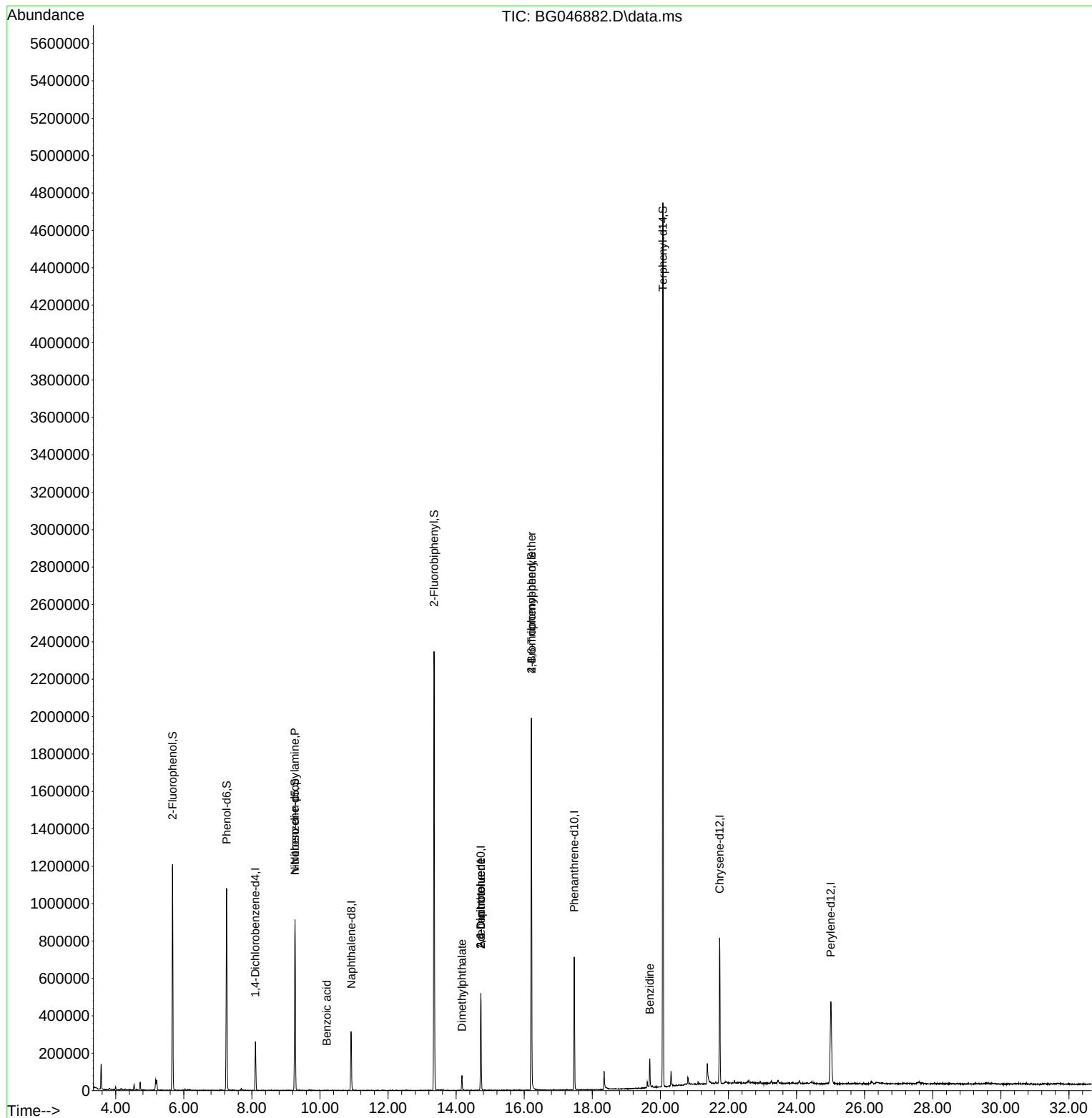
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.104	152	69152	20.00	ng	0.00
21) Naphthalene-d8	10.918	136	264356	20.00	ng	0.00
39) Acenaphthene-d10	14.725	164	188929	20.00	ng	-0.01
64) Phenanthrene-d10	17.469	188	463861	20.00	ng	#-0.01
76) Chrysene-d12	21.741	240	495654	20.00	ng	#-0.02
86) Perylene-d12	25.007	264	496751	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.671	112	498872	115.57	ng	0.00
7) Phenol-d6	7.258	99	584435	95.99	ng	0.00
23) Nitrobenzene-d5	9.267	82	528433	106.34	ng	0.00
42) 2,4,6-Tribromophenol	16.212	330	388355	155.89	ng	0.00
45) 2-Fluorobiphenyl	13.350	172	1232593	92.36	ng	-0.01
79) Terphenyl-d14	20.072	244	2100935	84.95	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	7.252	77	1425	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.267	70	76554	18.34	ng	# 77
32) Benzoic acid	10.201	122	148	6.39	ng	# 1
50) Dimethylphthalate	14.173	163	54044	3.58	ng	97
51) 2,6-Dinitrotoluene	14.725	165	25597	10.44	ng	# 35
57) 2,4-Dinitrotoluene	14.725	165	25597	7.88	ng	# 33
67) 4-Bromophenyl-phenylether	16.212	248	25160	4.29	ng	# 1
77) Benzidine	19.690	184	94018	6.15	ng	98

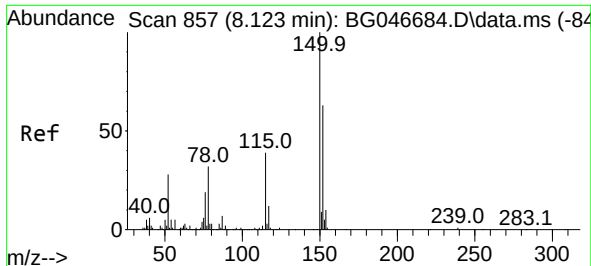
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 07 11:38:17 2020
Response via : Initial Calibration

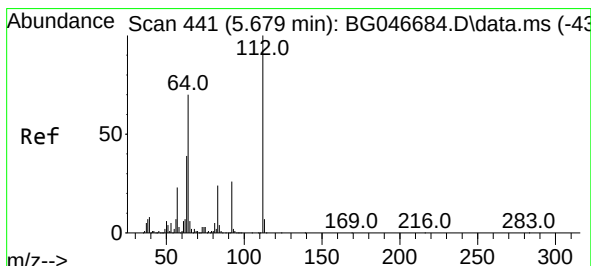
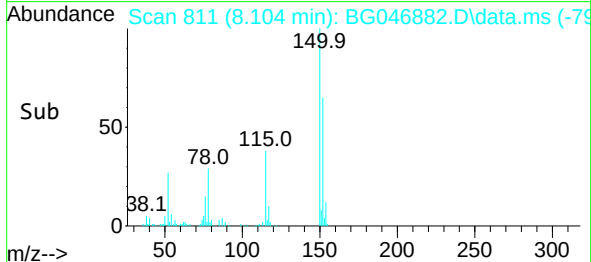
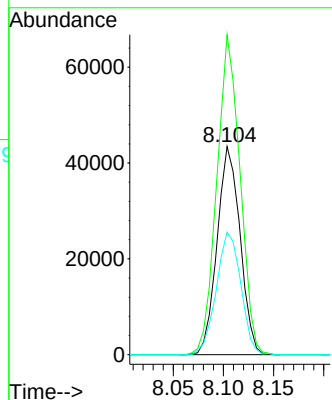
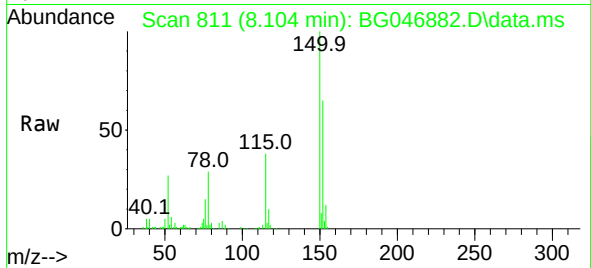




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.104 min Scan# 811
Delta R.T. -0.004 min
Lab File: BG046882.D
Acq: 13 Oct 2020 20:26

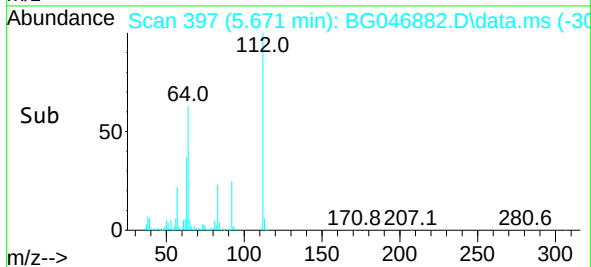
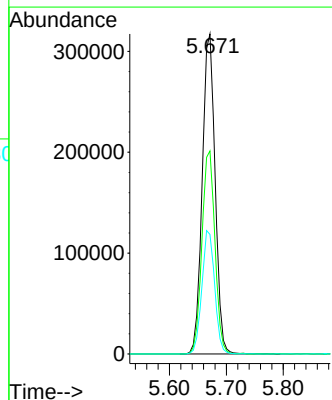
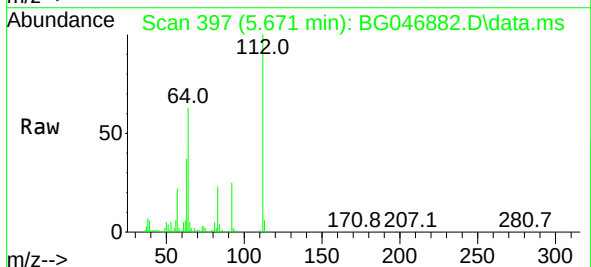
Instrument :
BNA_G
ClientSampleId :
HR-01-101220

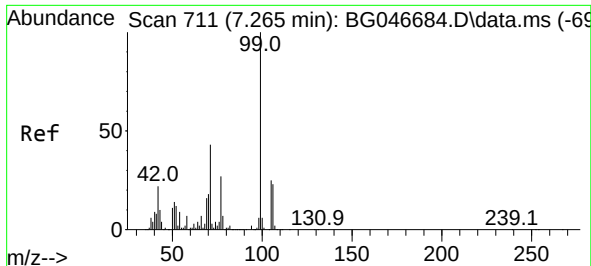
Tgt Ion:152 Resp: 69152
Ion Ratio Lower Upper
152 100
150 153.8 125.0 187.6
115 58.9 41.8 62.6



#5
2-Fluorophenol
Concen: 115.57 ng
RT: 5.671 min Scan# 397
Delta R.T. 0.002 min
Lab File: BG046882.D
Acq: 13 Oct 2020 20:26

Tgt Ion:112 Resp: 498872
Ion Ratio Lower Upper
112 100
64 63.5 46.7 70.1
63 37.4 22.8 34.2#

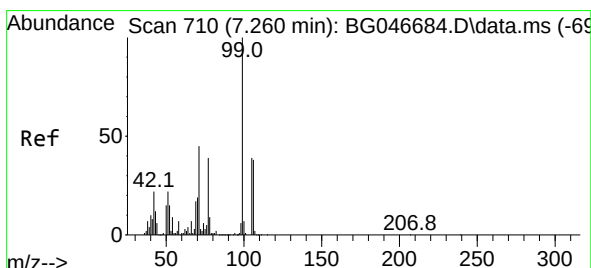
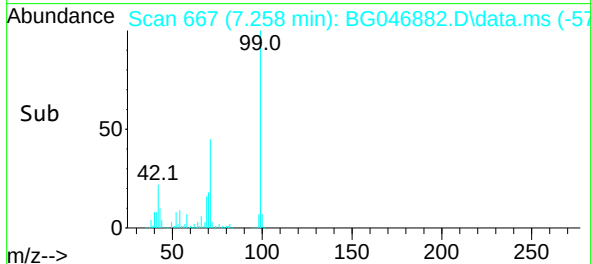
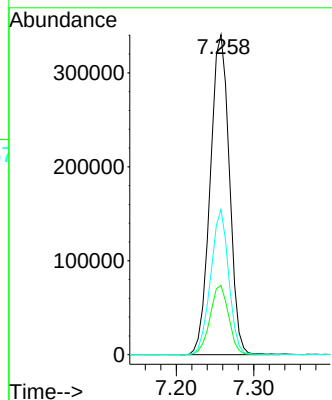
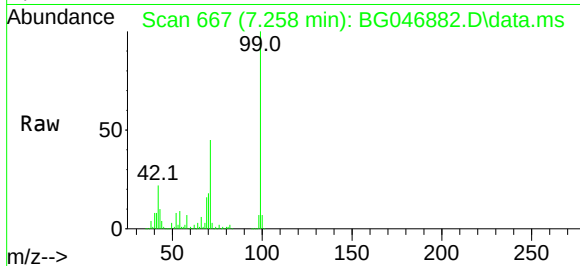




#7
Phenol-d6
Concen: 95.99 ng
RT: 7.258 min Scan# 667
Delta R.T. 0.002 min
Lab File: BG046882.D
Acq: 13 Oct 2020 20:26

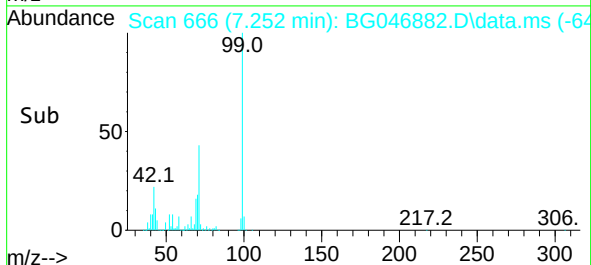
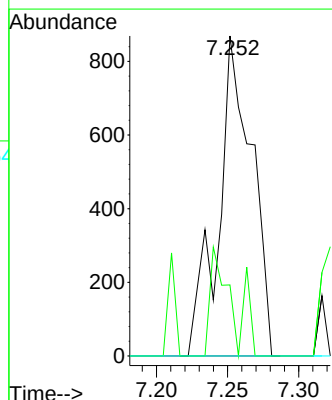
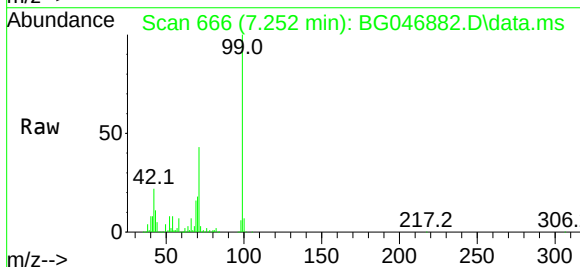
Instrument :
BNA_G
ClientSampleId :
HR-01-101220

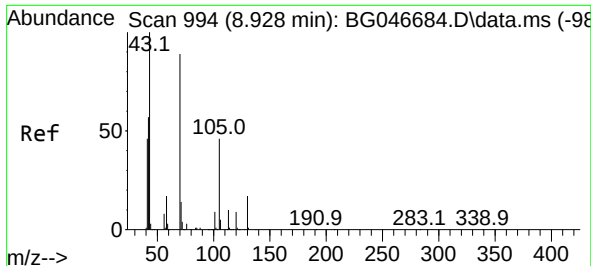
Tgt Ion: 99 Resp: 584435
Ion Ratio Lower Upper
99 100
42 21.7 12.8 19.2#
71 45.4 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.252 min Scan# 666
Delta R.T. 0.008 min
Lab File: BG046882.D
Acq: 13 Oct 2020 20:26

Tgt Ion: 77 Resp: 1425
Ion Ratio Lower Upper
77 100
105 22.2 85.9 125.9#
106 0.0 80.9 120.9#

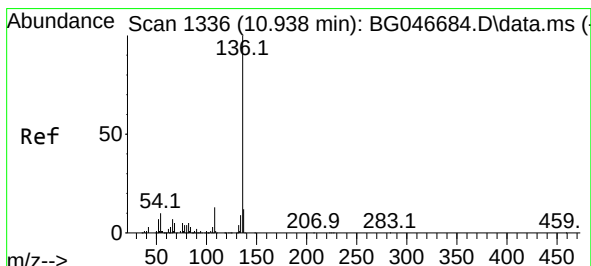
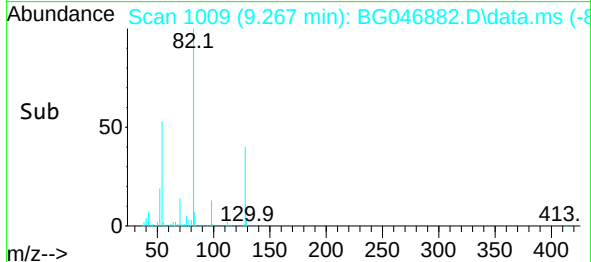
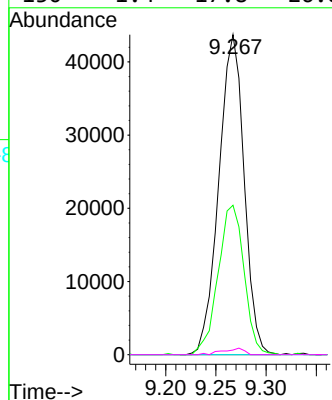
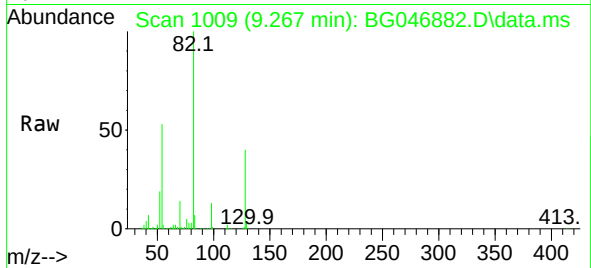




#19
n-Nitroso-di-n-propylamine
Concen: 18.34 ng
RT: 9.267 min Scan# 1009
Delta R.T. 0.354 min
Lab File: BG046882.D
Acq: 13 Oct 2020 20:26

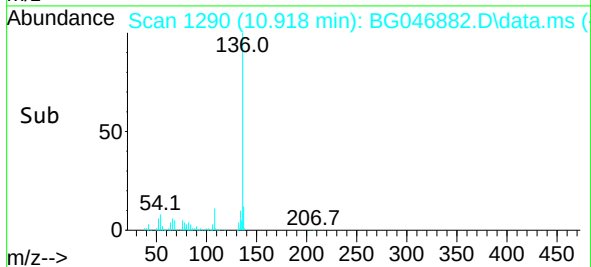
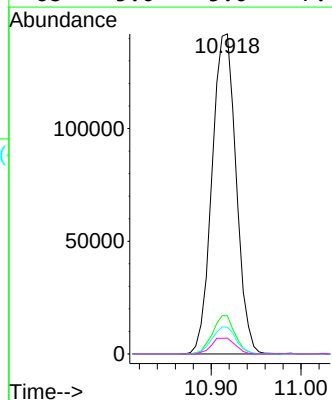
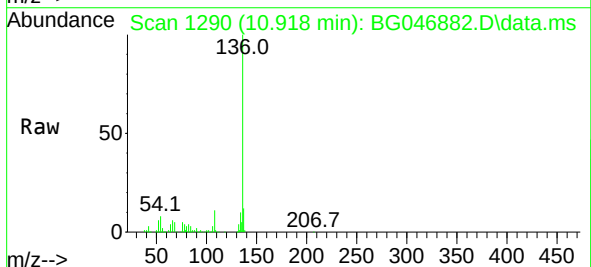
Instrument :
BNA_G
ClientSampleId :
HR-01-101220

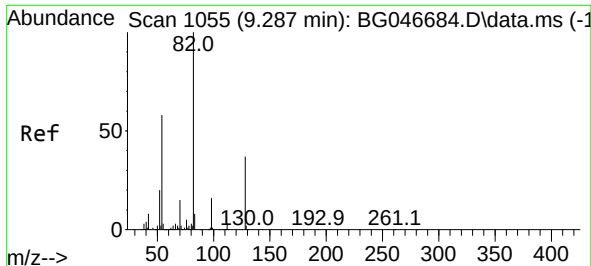
Tgt Ion:	70	Resp:	76554
Ion	Ratio	Lower	Upper
70	100		
42	46.7	45.6	68.4
101	0.0	8.4	12.6#
130	1.4	17.8	26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.918 min Scan# 1290
Delta R.T. -0.004 min
Lab File: BG046882.D
Acq: 13 Oct 2020 20:26

Tgt Ion:	136	Resp:	264356
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.1	13.7
54	8.3	6.2	9.4
68	5.0	5.0	7.4

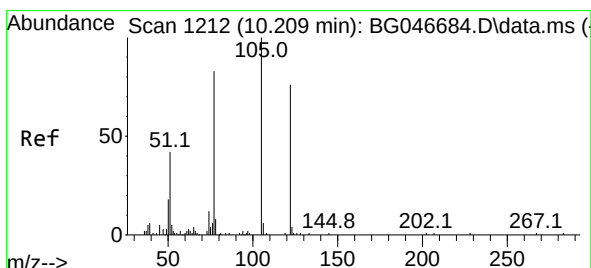
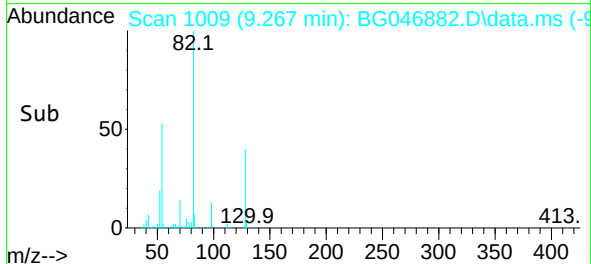
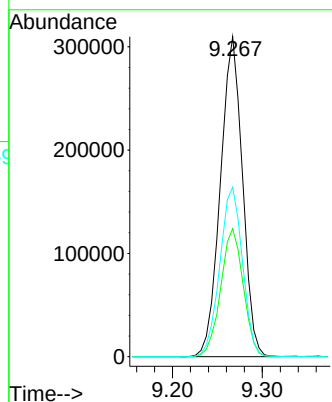
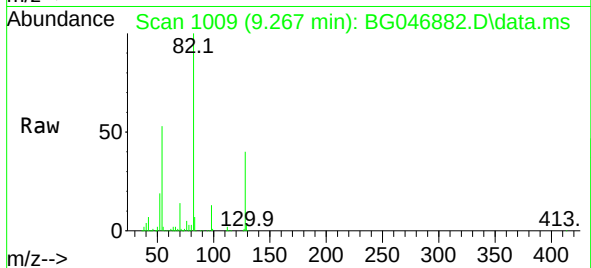




#23
Nitrobenzene-d5
Concen: 106.34 ng
RT: 9.267 min Scan# 1009
Delta R.T. -0.004 min
Lab File: BG046882.D
Acq: 13 Oct 2020 20:26

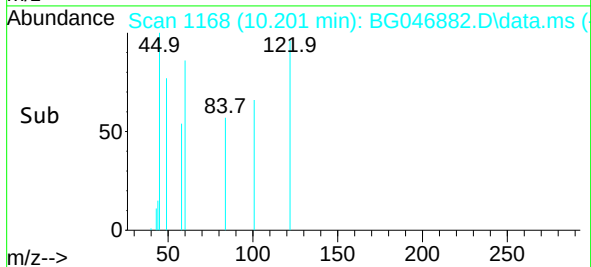
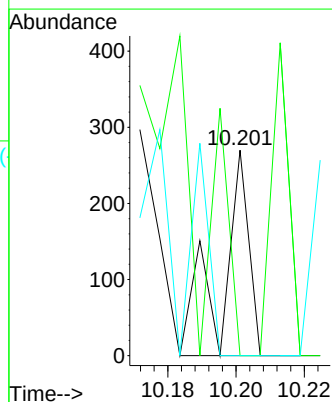
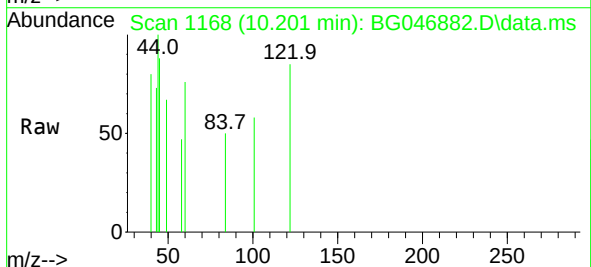
Instrument :
BNA_G
ClientSampleId :
HR-01-101220

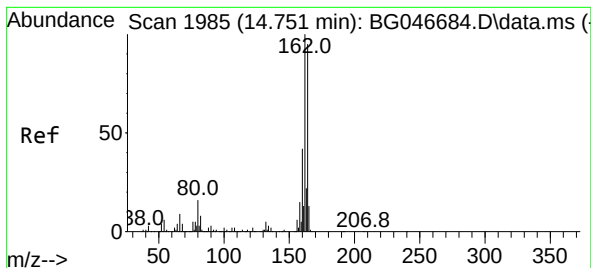
Tgt Ion: 82 Resp: 528433
Ion Ratio Lower Upper
82 100
128 40.0 37.0 55.6
54 52.9 39.0 58.4



#32
Benzoic acid
Concen: 6.39 ng
RT: 10.201 min Scan# 1168
Delta R.T. 0.008 min
Lab File: BG046882.D
Acq: 13 Oct 2020 20:26

Tgt Ion:122 Resp: 148
Ion Ratio Lower Upper
122 100
105 0.0 103.7 143.7#
77 0.0 63.0 103.0#

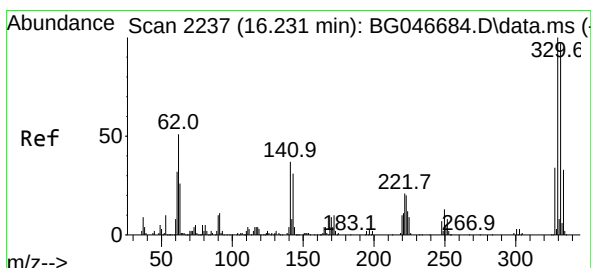
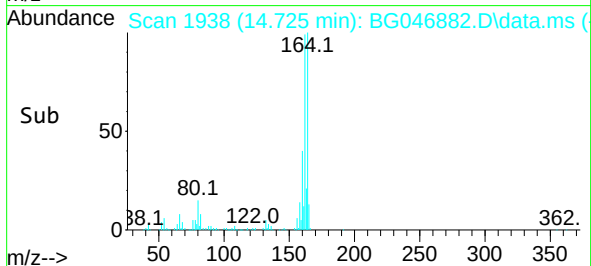
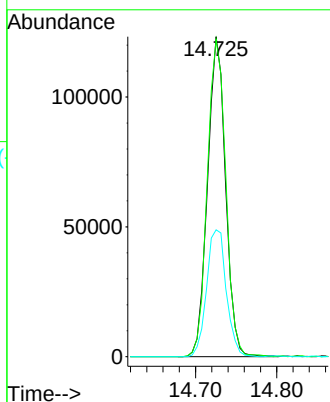
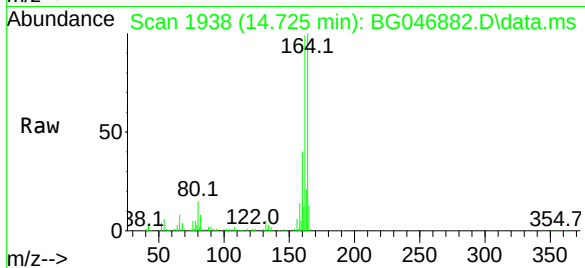




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.725 min Scan# 1938
Delta R.T. -0.010 min
Lab File: BG046882.D
Acq: 13 Oct 2020 20:26

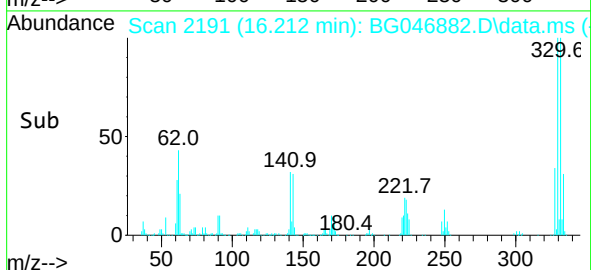
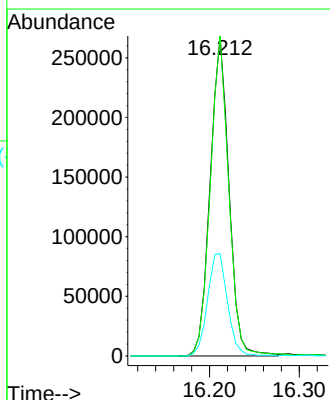
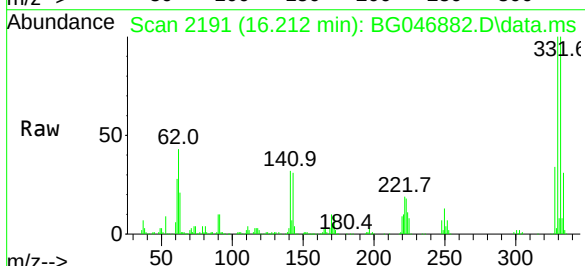
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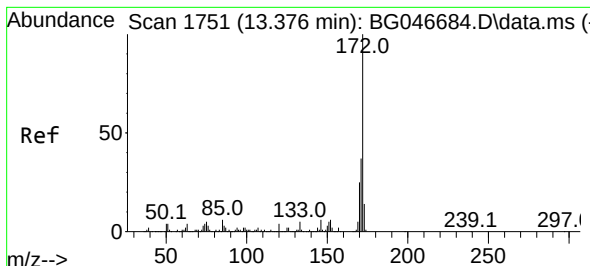
Tgt Ion:164 Resp: 188929
Ion Ratio Lower Upper
164 100
162 99.1 82.3 123.5
160 39.6 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 155.89 ng
RT: 16.212 min Scan# 2191
Delta R.T. -0.004 min
Lab File: BG046882.D
Acq: 13 Oct 2020 20:26

Tgt Ion:330 Resp: 388355
Ion Ratio Lower Upper
330 100
332 98.2 76.5 114.7
141 34.2 26.0 39.0

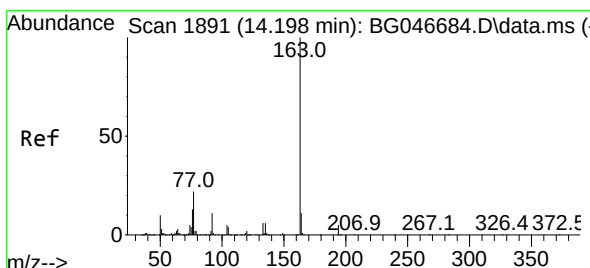
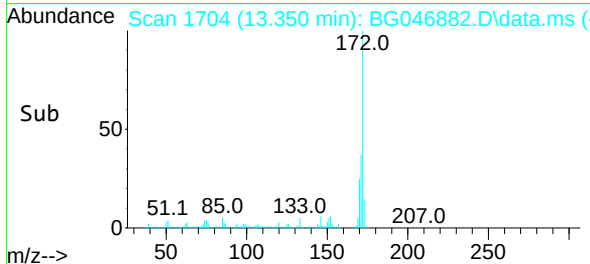
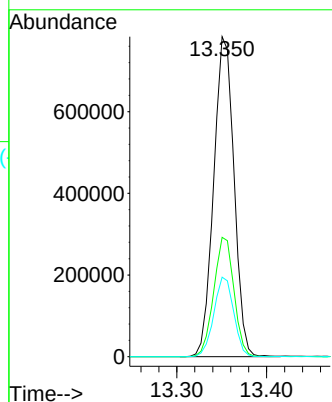
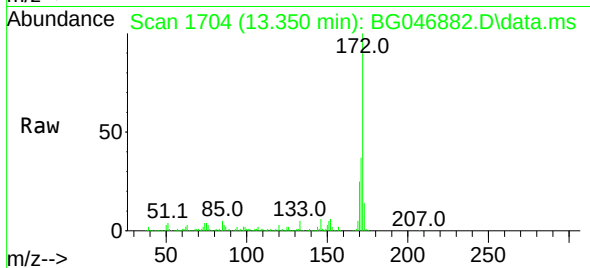




#45
2-Fluorobiphenyl
Concen: 92.36 ng
RT: 13.350 min Scan# 1704
Delta R.T. -0.010 min
Lab File: BG046882.D
Acq: 13 Oct 2020 20:26

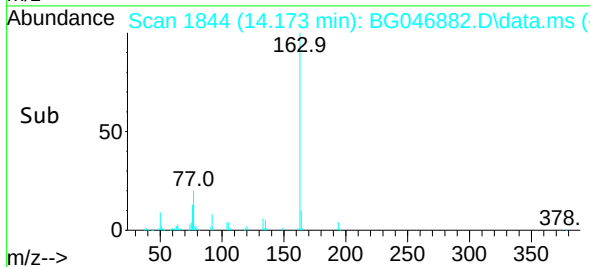
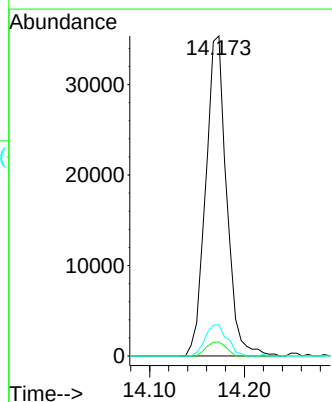
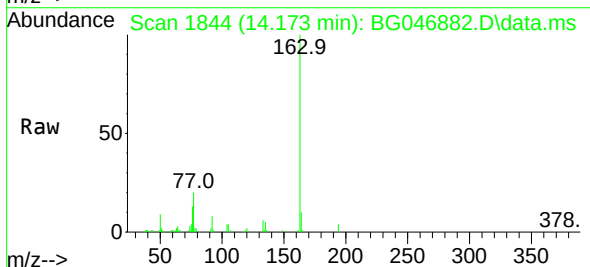
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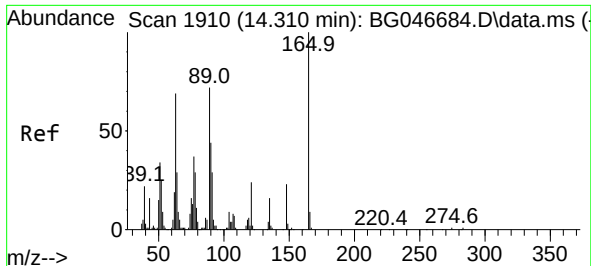
Tgt Ion:172 Resp: 1232593
Ion Ratio Lower Upper
172 100
171 37.3 31.3 46.9
170 24.8 20.8 31.2



#50
Dimethylphthalate
Concen: 3.58 ng
RT: 14.173 min Scan# 1844
Delta R.T. -0.010 min
Lab File: BG046882.D
Acq: 13 Oct 2020 20:26

Tgt Ion:163 Resp: 54044
Ion Ratio Lower Upper
163 100
194 4.4 3.8 5.8
164 9.7 8.8 13.2

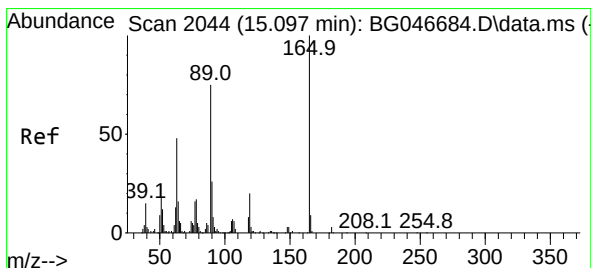
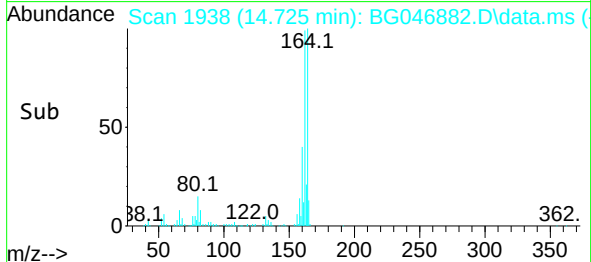
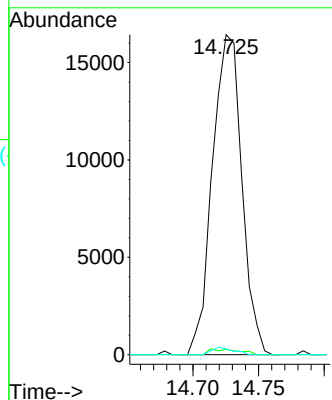
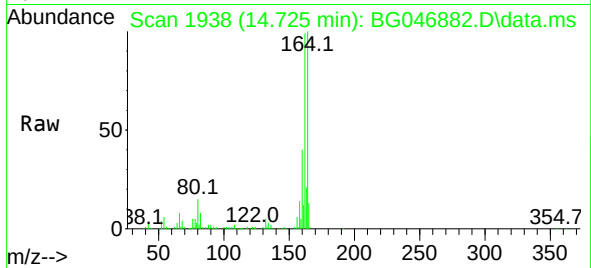




#51
2,6-Dinitrotoluene
Concen: 10.44 ng
RT: 14.725 min Scan# 1938
Delta R.T. 0.425 min
Lab File: BG046882.D
Acq: 13 Oct 2020 20:26

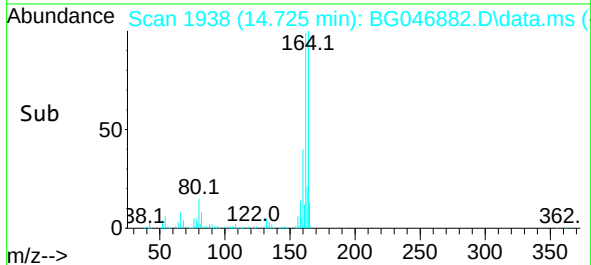
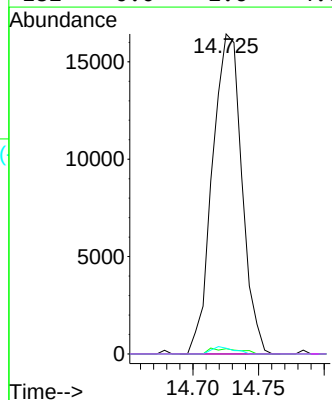
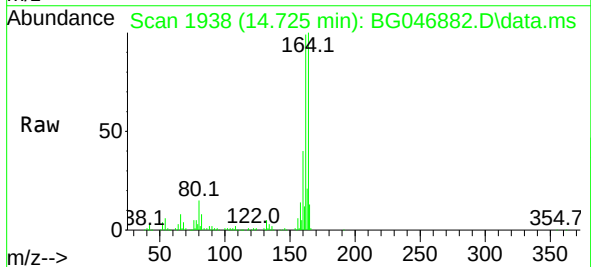
Instrument :
BNA_G
ClientSampleId :
HR-01-101220

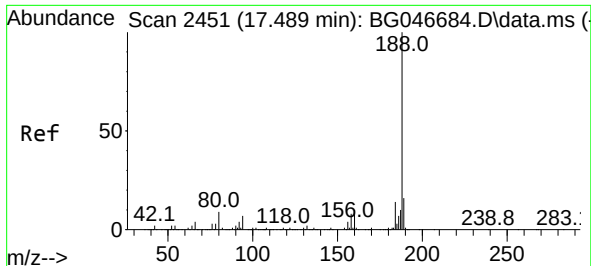
Tgt Ion:165 Resp: 25597
Ion Ratio Lower Upper
165 100
63 1.6 33.7 50.5#
89 1.8 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 7.88 ng
RT: 14.725 min Scan# 1938
Delta R.T. -0.357 min
Lab File: BG046882.D
Acq: 13 Oct 2020 20:26

Tgt Ion:165 Resp: 25597
Ion Ratio Lower Upper
165 100
63 1.6 26.4 39.6#
89 1.8 47.8 71.8#
182 0.0 2.6 4.0#

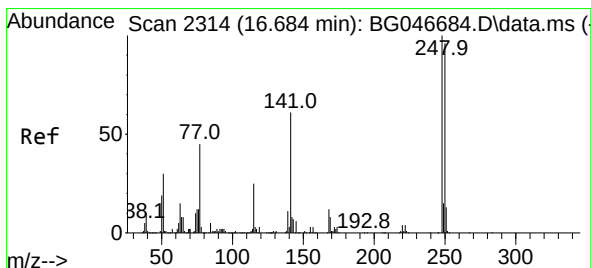
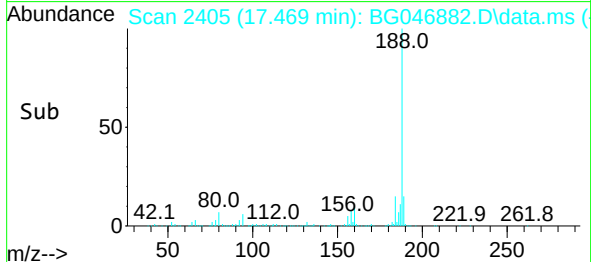
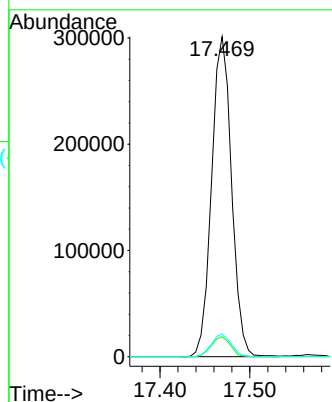
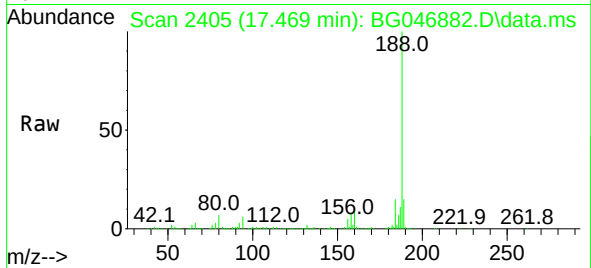




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.469 min Scan# 2405
Delta R.T. -0.010 min
Lab File: BG046882.D
Acq: 13 Oct 2020 20:26

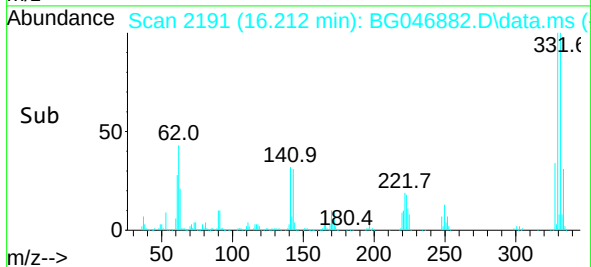
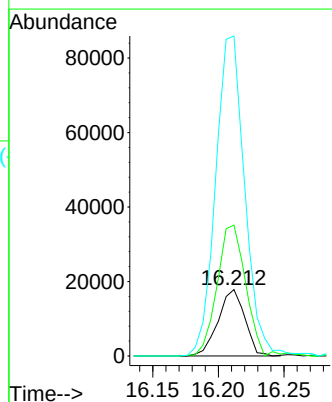
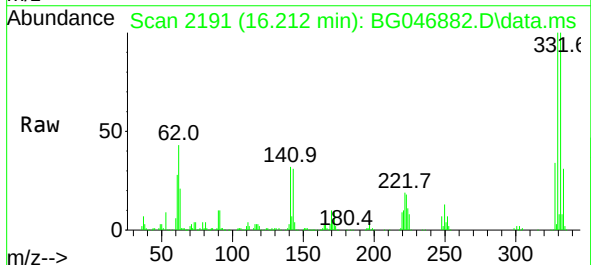
Instrument :
BNA_G
ClientSampleId :
HR-01-101220

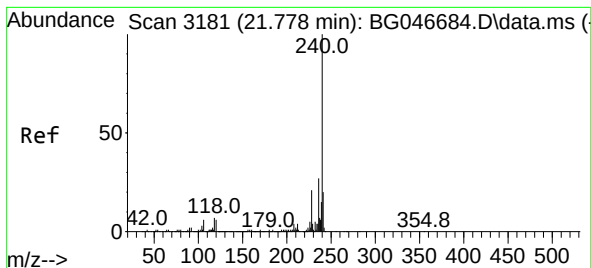
Tgt Ion:188 Resp: 463861
Ion Ratio Lower Upper
188 100
94 6.2 6.3 9.5#
80 7.1 7.0 10.6



#67
4-Bromophenyl-phenylether
Concen: 4.29 ng
RT: 16.212 min Scan# 2191
Delta R.T. -0.451 min
Lab File: BG046882.D
Acq: 13 Oct 2020 20:26

Tgt Ion:248 Resp: 25160
Ion Ratio Lower Upper
248 100
250 194.3 78.9 118.3#
141 362.3 46.2 69.4#

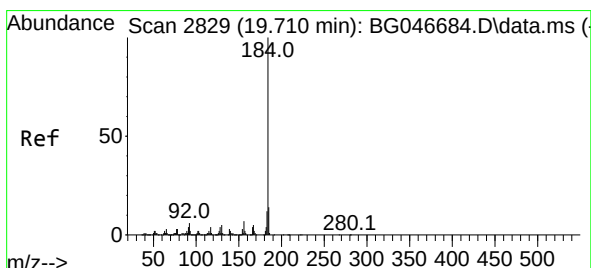
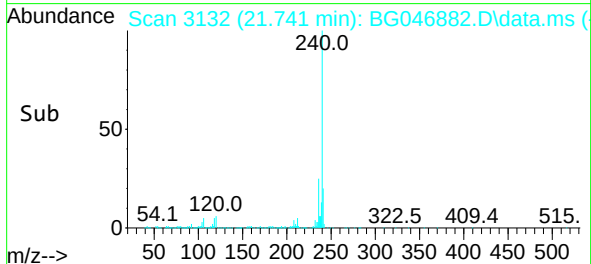
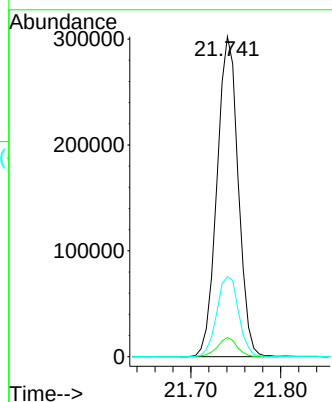
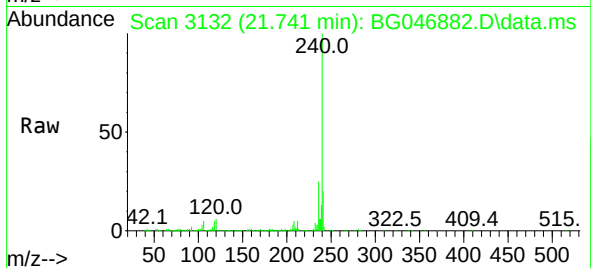




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.741 min Scan# 3132
Delta R.T. -0.016 min
Lab File: BG046882.D
Acq: 13 Oct 2020 20:26

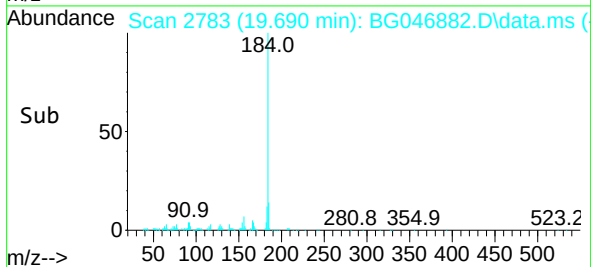
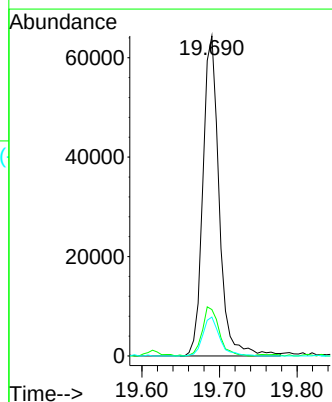
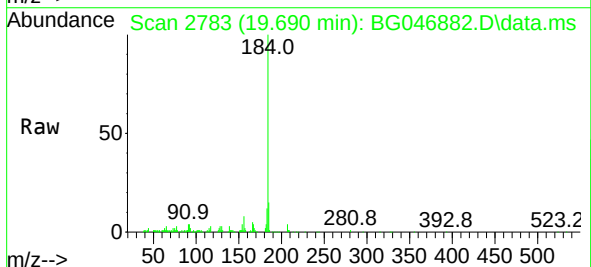
Instrument :
BNA_G
ClientSampleId :
HR-01-101220

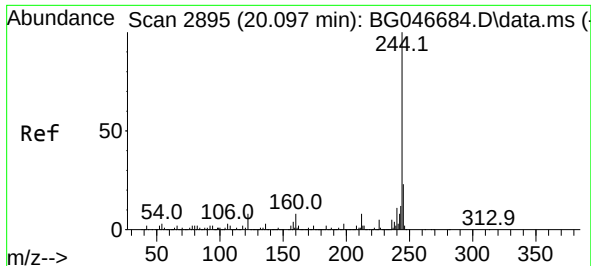
Tgt Ion:240 Resp: 495654
Ion Ratio Lower Upper
240 100
120 6.0 6.2 9.4#
236 25.0 20.5 30.7



#77
Benzidine
Concen: 6.15 ng
RT: 19.690 min Scan# 2783
Delta R.T. -0.010 min
Lab File: BG046882.D
Acq: 13 Oct 2020 20:26

Tgt Ion:184 Resp: 94018
Ion Ratio Lower Upper
184 100
185 14.5 12.4 18.6
183 12.2 10.6 15.8

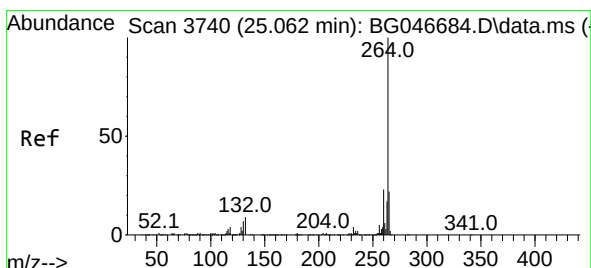
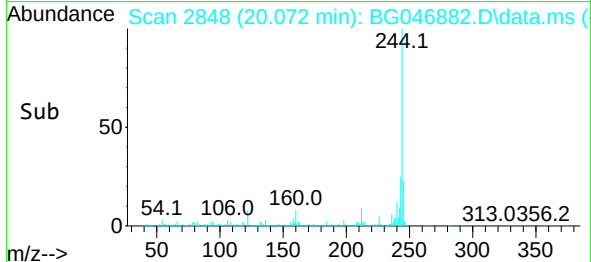
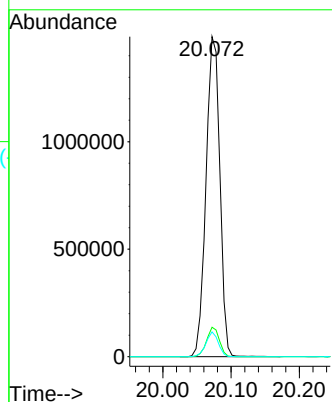
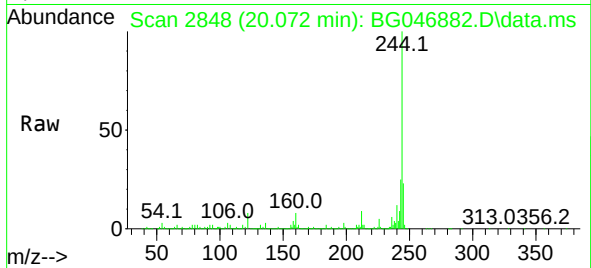




#79
 Terphenyl-d14
 Concen: 84.95 ng
 RT: 20.072 min Scan# 2848
 Delta R.T. -0.010 min
 Lab File: BG046882.D
 Acq: 13 Oct 2020 20:26

Instrument :
 BNA_G
 ClientSampleId :
 HR-01-101220

Tgt Ion:244 Resp: 2100935
 Ion Ratio Lower Upper
 244 100
 212 9.2 6.7 10.1
 122 7.8 7.8 11.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.007 min Scan# 3688
 Delta R.T. -0.022 min
 Lab File: BG046882.D
 Acq: 13 Oct 2020 20:26

Tgt Ion:264 Resp: 496751
 Ion Ratio Lower Upper
 264 100
 260 22.1 18.8 28.2
 265 21.4 17.8 26.8

