

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101320\
 Data File : BG046886.D
 Acq On : 13 Oct 2020 23:07
 Operator : CG/JU
 Sample : L4333-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OH-WC-J6-3-6

Quant Time: Oct 14 01:07:20 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)

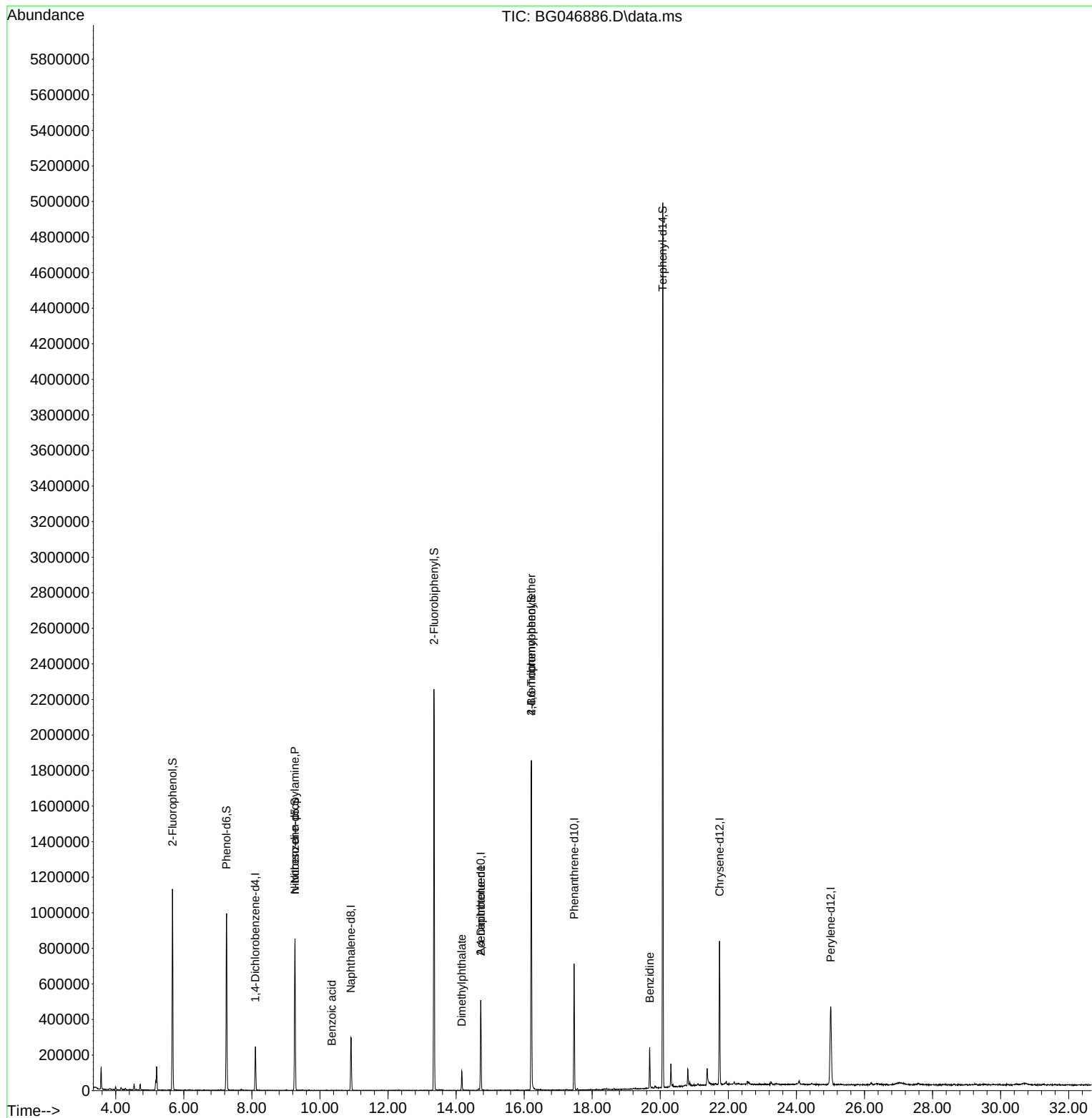
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.104	152	66873	20.00	ng	0.00
21) Naphthalene-d8	10.912	136	254815	20.00	ng	#-0.01
39) Acenaphthene-d10	14.725	164	175942	20.00	ng	-0.01
64) Phenanthrene-d10	17.469	188	455019	20.00	ng	#-0.01
76) Chrysene-d12	21.741	240	506406	20.00	ng	#-0.02
86) Perylene-d12	25.007	264	494009	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.671	112	465601	111.54	ng	0.00
7) Phenol-d6	7.258	99	541803	92.02	ng	0.00
23) Nitrobenzene-d5	9.267	82	509822	106.44	ng	0.00
42) 2,4,6-Tribromophenol	16.212	330	379933	163.77	ng	0.00
45) 2-Fluorobiphenyl	13.350	172	1152274	92.72	ng	-0.01
79) Terphenyl-d14	20.072	244	2116819	83.78	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	7.252	77	1355	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.267	70	75283	18.65	ng	# 77
32) Benzoic acid	10.348	122	60	6.36	ng	# 1
50) Dimethylphthalate	14.167	163	73513	5.23	ng	# 96
57) 2,4-Dinitrotoluene	14.725	165	24774	8.19	ng	# 31
67) 4-Bromophenyl-phenylether	16.212	248	25599	4.45	ng	# 1
77) Benzidine	19.690	184	134274	8.60	ng	99

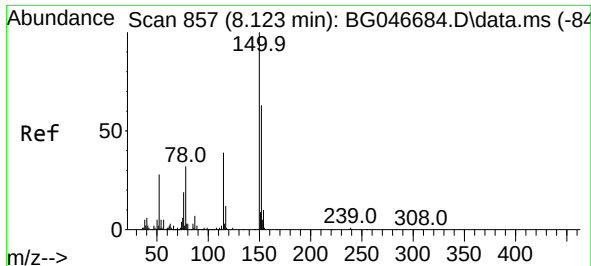
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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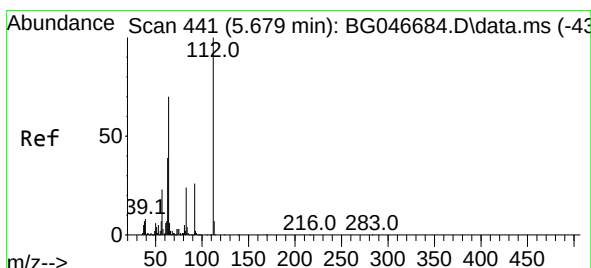
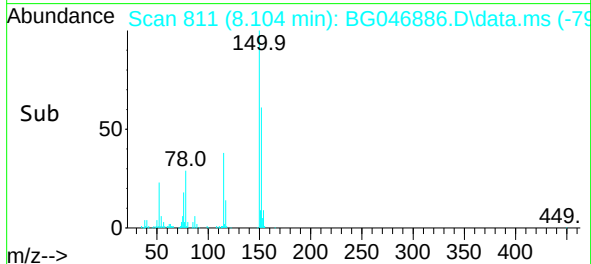
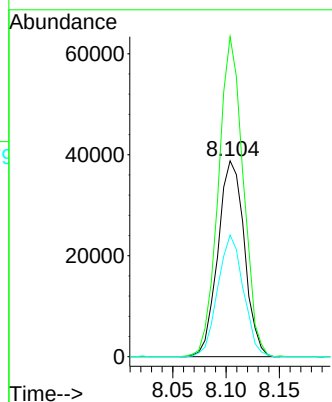
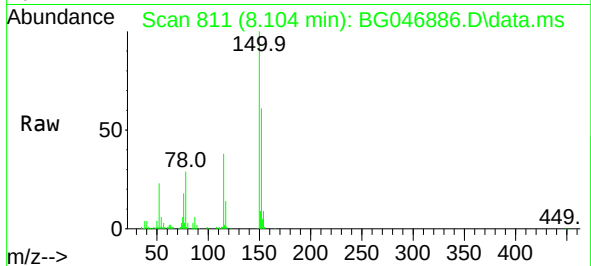




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.104 min Scan# 811
Delta R.T. -0.004 min
Lab File: BG046886.D
Acq: 13 Oct 2020 23:07

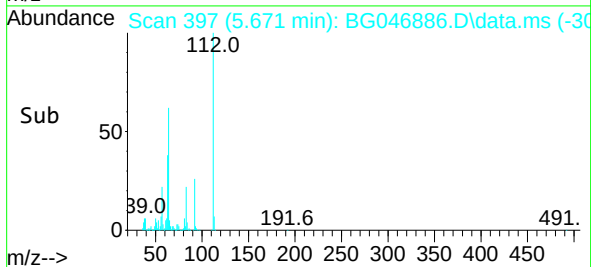
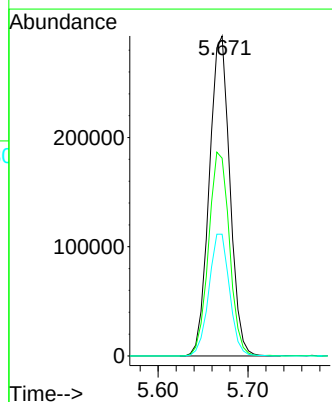
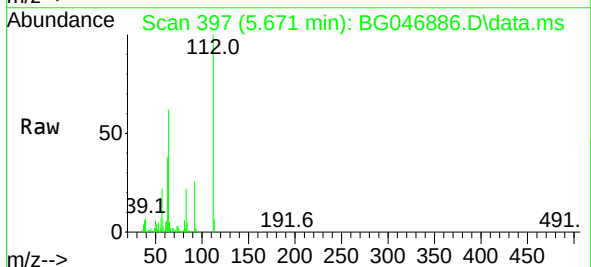
Instrument :
BNA_G
ClientSampleId :
OH-WC-J6-3-6

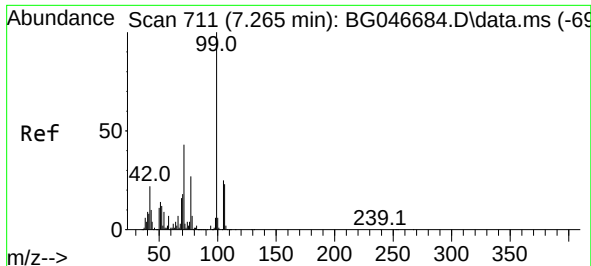
Tgt Ion:152 Resp: 66873
Ion Ratio Lower Upper
152 100
150 163.4 125.0 187.6
115 62.1 41.8 62.6



#5
2-Fluorophenol
Concen: 111.54 ng
RT: 5.671 min Scan# 397
Delta R.T. 0.002 min
Lab File: BG046886.D
Acq: 13 Oct 2020 23:07

Tgt Ion:112 Resp: 465601
Ion Ratio Lower Upper
112 100
64 61.8 46.7 70.1
63 38.0 22.8 34.2#

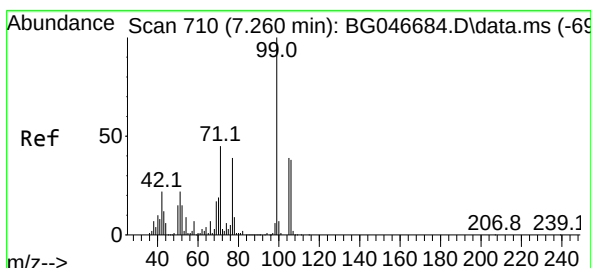
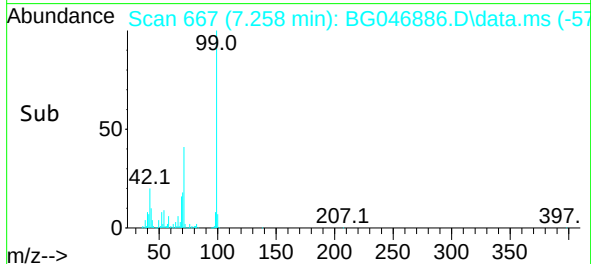
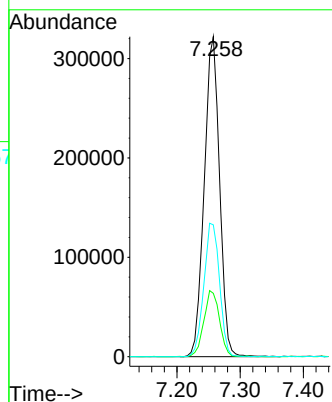
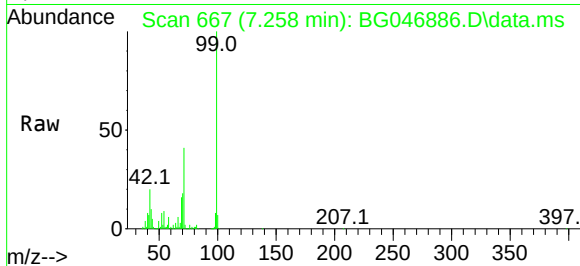




#7
Phenol-d6
Concen: 92.02 ng
RT: 7.258 min Scan# 667
Delta R.T. 0.002 min
Lab File: BG046886.D
Acq: 13 Oct 2020 23:07

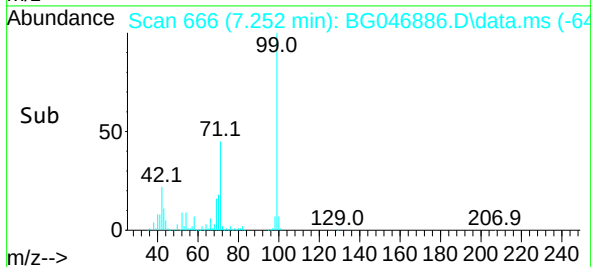
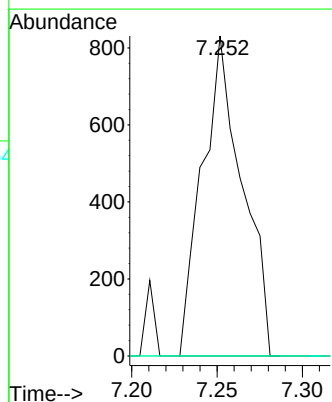
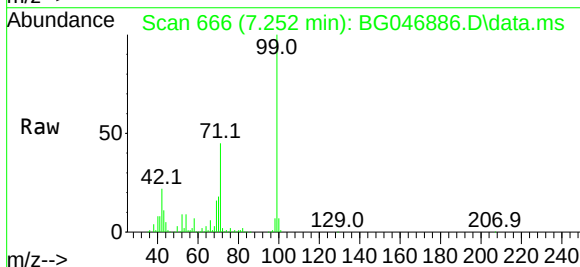
Instrument :
BNA_G
ClientSampleId :
OH-WC-J6-3-6

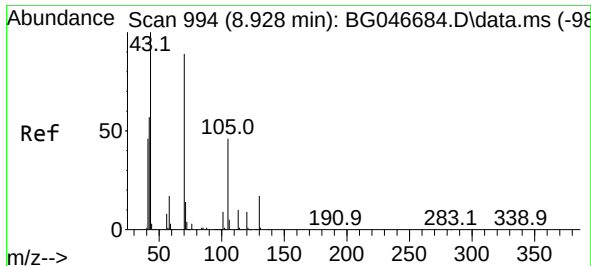
Tgt Ion: 99 Resp: 541803
Ion Ratio Lower Upper
99 100
42 19.8 12.8 19.2#
71 41.2 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.252 min Scan# 666
Delta R.T. 0.008 min
Lab File: BG046886.D
Acq: 13 Oct 2020 23:07

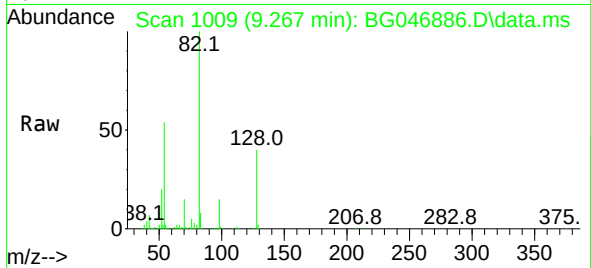
Tgt Ion: 77 Resp: 1355
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#



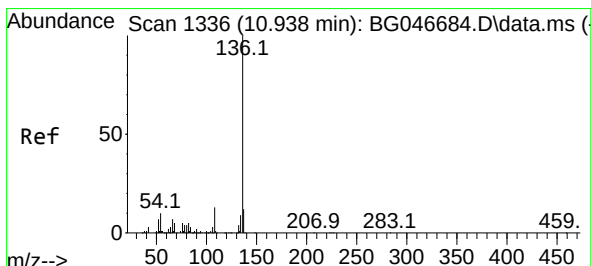
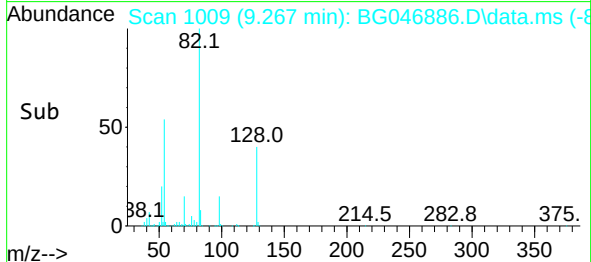
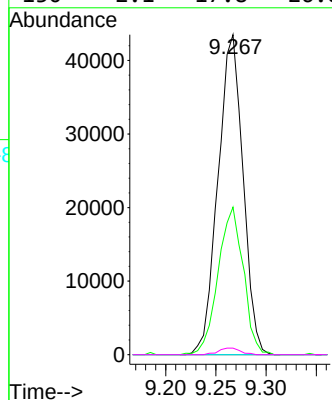


#19
n-Nitroso-di-n-propylamine
Concen: 18.65 ng
RT: 9.267 min Scan# 1009
Delta R.T. 0.354 min
Lab File: BG046886.D
Acq: 13 Oct 2020 23:07

Instrument :
BNA_G
ClientSampleId :
OH-WC-J6-3-6

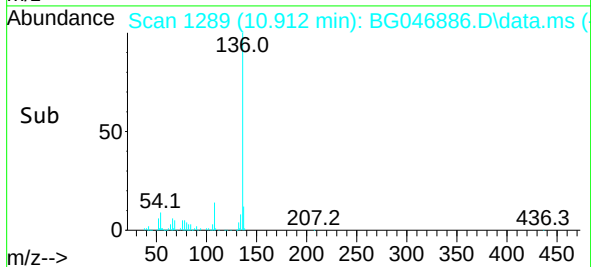
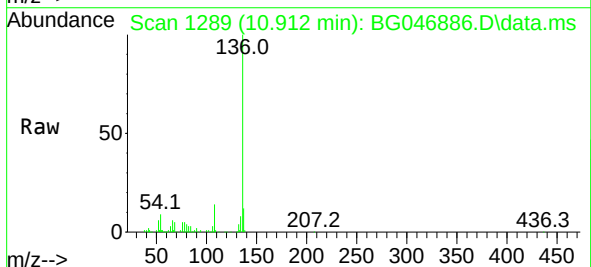
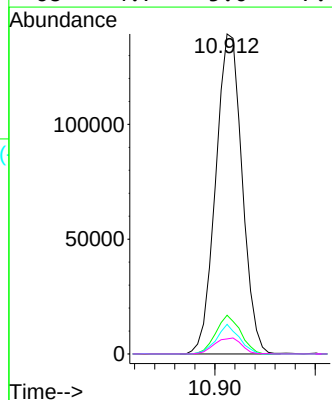


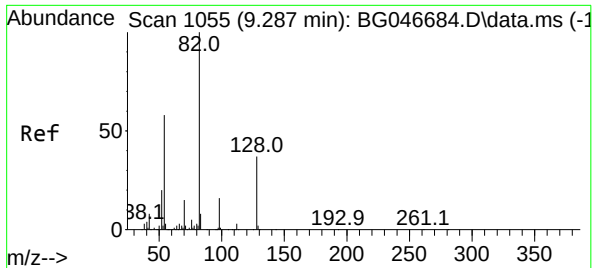
Tgt Ion:	70	Resp:	75283
Ion	Ratio	Lower	Upper
70	100		
42	46.1	45.6	68.4
101	0.0	8.4	12.6#
130	2.1	17.8	26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.912 min Scan# 1289
Delta R.T. -0.010 min
Lab File: BG046886.D
Acq: 13 Oct 2020 23:07

Tgt Ion:	136	Resp:	254815
Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.1	13.7
54	9.3	6.2	9.4
68	4.7	5.0	7.4#

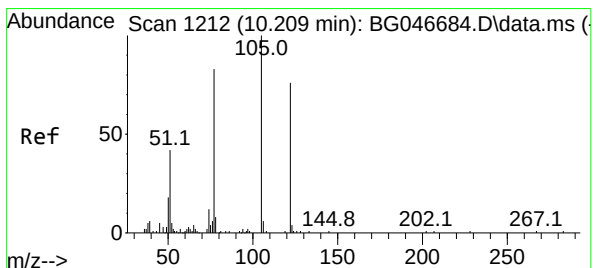
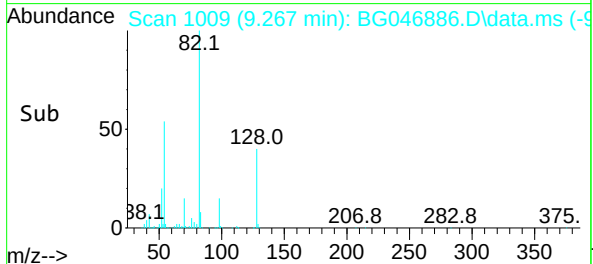
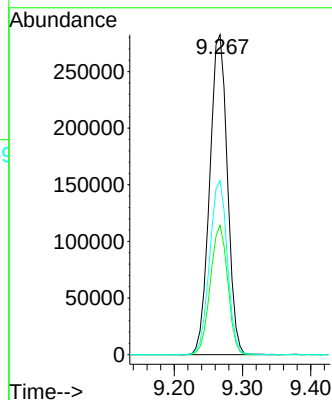
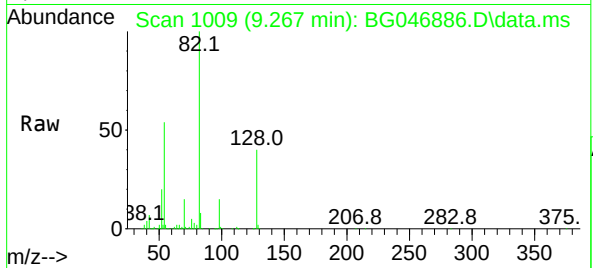




#23
Nitrobenzene-d5
Concen: 106.44 ng
RT: 9.267 min Scan# 1009
Delta R.T. -0.004 min
Lab File: BG046886.D
Acq: 13 Oct 2020 23:07

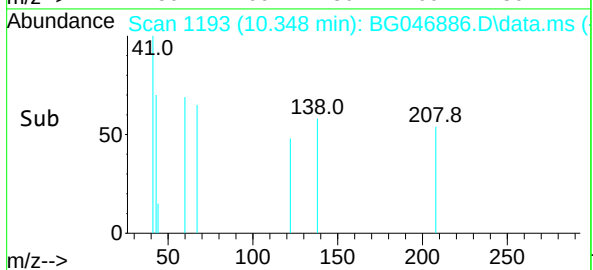
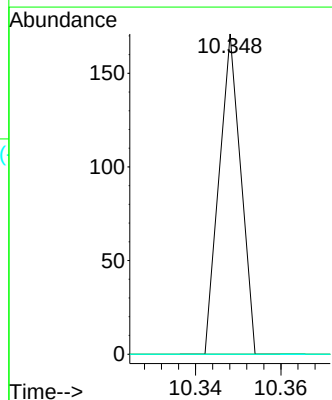
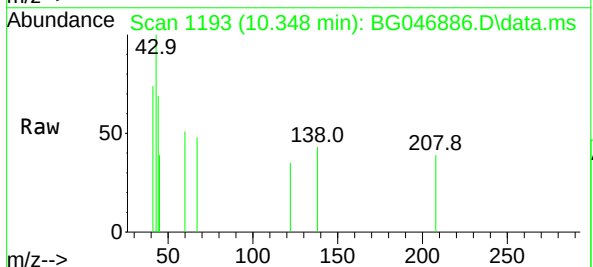
Instrument :
BNA_G
ClientSampleId :
OH-WC-J6-3-6

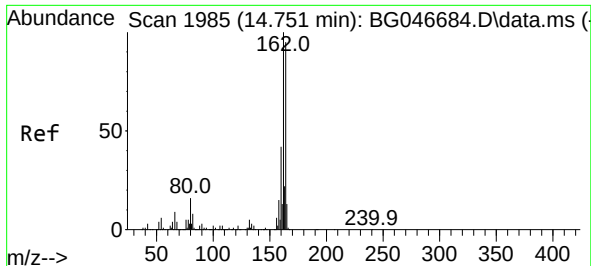
Tgt Ion: 82 Resp: 509822
Ion Ratio Lower Upper
82 100
128 40.5 37.0 55.6
54 54.4 39.0 58.4



#32
Benzoic acid
Concen: 6.36 ng
RT: 10.348 min Scan# 1193
Delta R.T. 0.154 min
Lab File: BG046886.D
Acq: 13 Oct 2020 23:07

Tgt Ion:122 Resp: 60
Ion Ratio Lower Upper
122 100
105 0.0 103.7 143.7#
77 0.0 63.0 103.0#

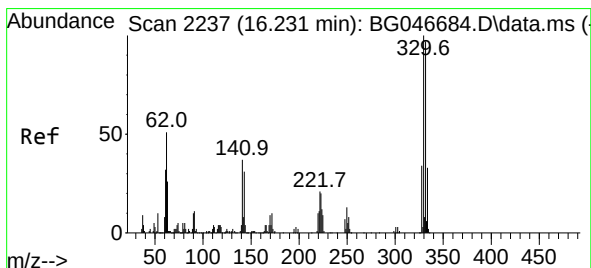
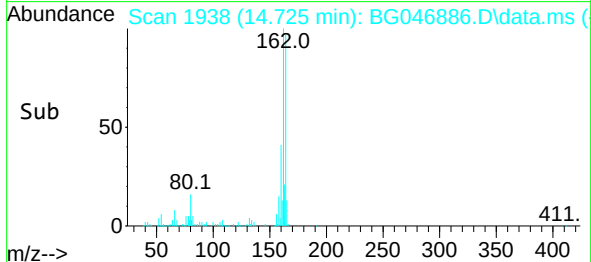
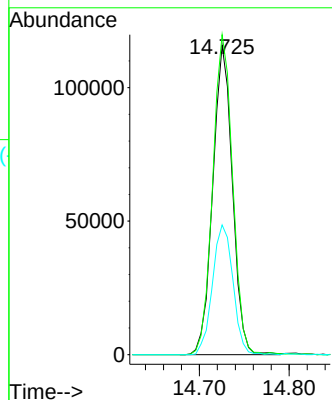
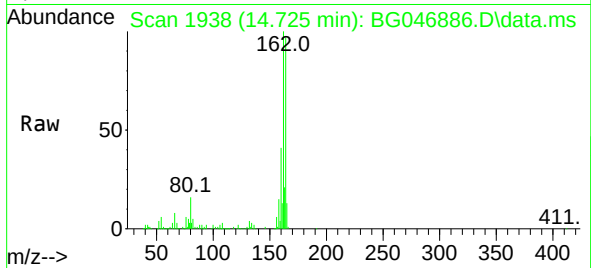




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.725 min Scan# 1938
Delta R.T. -0.010 min
Lab File: BG046886.D
Acq: 13 Oct 2020 23:07

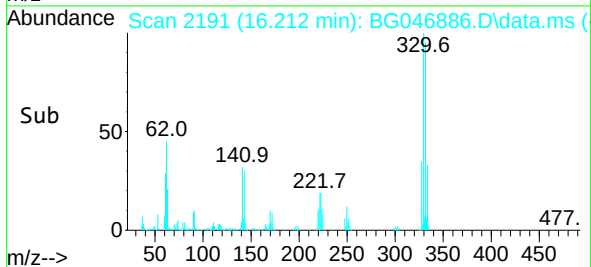
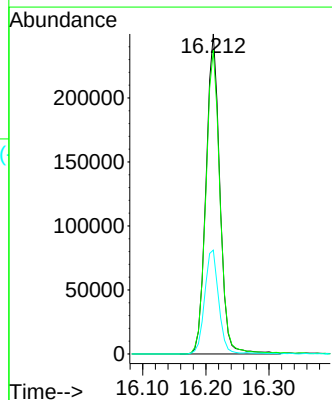
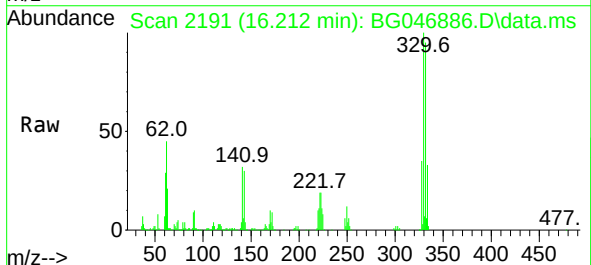
Instrument :
BNA_G
ClientSampleId :
OH-WC-J6-3-6

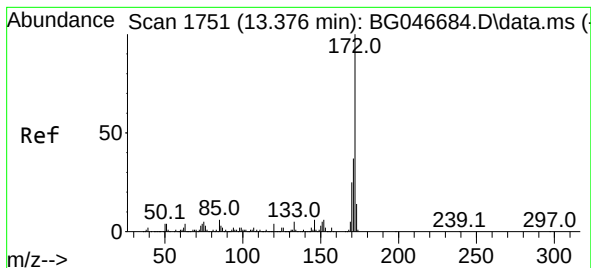
Tgt Ion:164 Resp: 175942
Ion Ratio Lower Upper
164 100
162 103.4 82.3 123.5
160 41.9 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 163.77 ng
RT: 16.212 min Scan# 2191
Delta R.T. -0.004 min
Lab File: BG046886.D
Acq: 13 Oct 2020 23:07

Tgt Ion:330 Resp: 379933
Ion Ratio Lower Upper
330 100
332 97.0 76.5 114.7
141 33.0 26.0 39.0

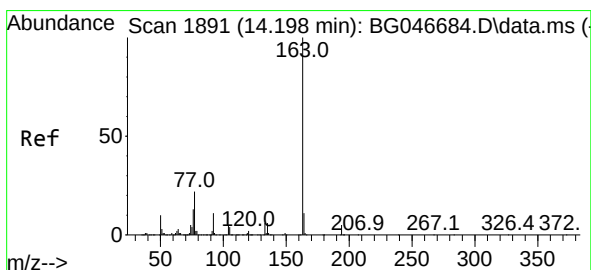
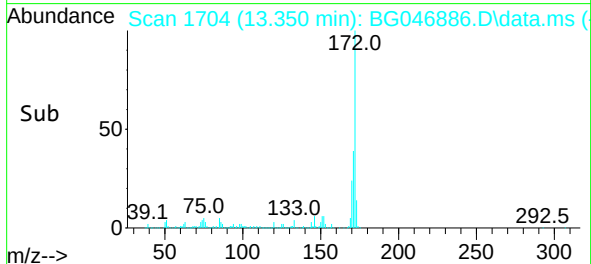
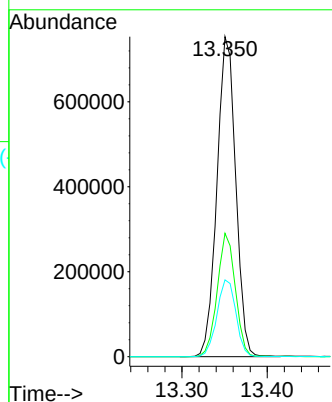
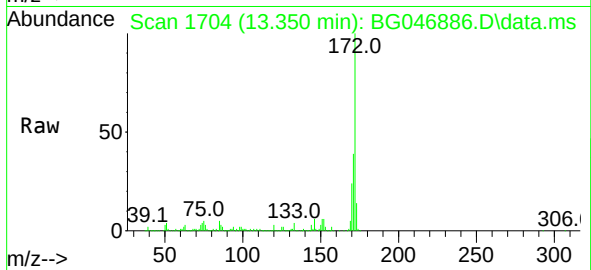




#45
2-Fluorobiphenyl
Concen: 92.72 ng
RT: 13.350 min Scan# 1704
Delta R.T. -0.010 min
Lab File: BG046886.D
Acq: 13 Oct 2020 23:07

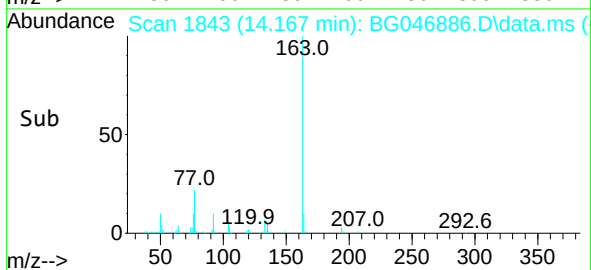
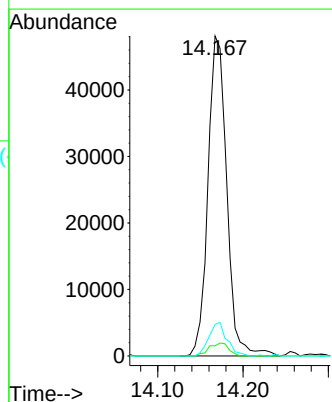
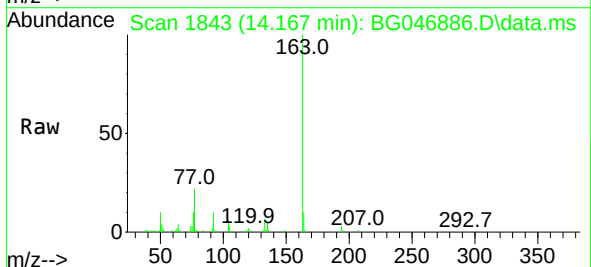
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OH-WC-J6-3-6

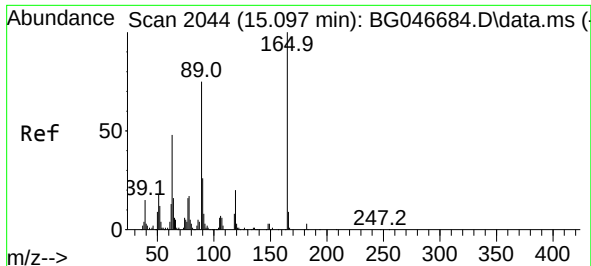
Tgt Ion:172 Resp: 1152274
Ion Ratio Lower Upper
172 100
171 38.5 31.3 46.9
170 24.0 20.8 31.2



#50
Dimethylphthalate
Concen: 5.23 ng
RT: 14.167 min Scan# 1843
Delta R.T. -0.016 min
Lab File: BG046886.D
Acq: 13 Oct 2020 23:07

Tgt Ion:163 Resp: 73513
Ion Ratio Lower Upper
163 100
194 3.2 3.8 5.8#
164 9.8 8.8 13.2

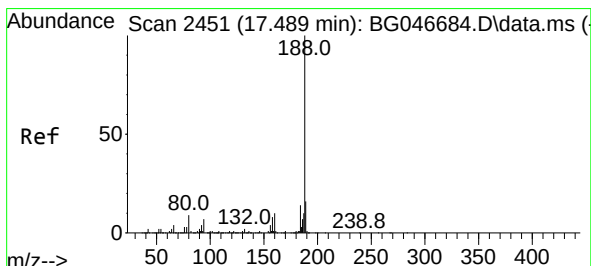
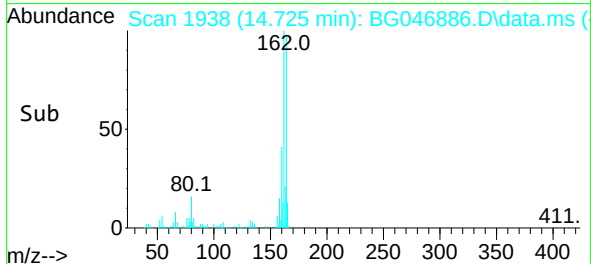
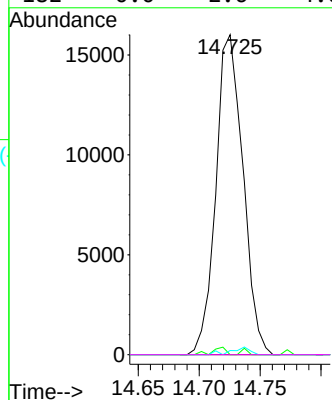
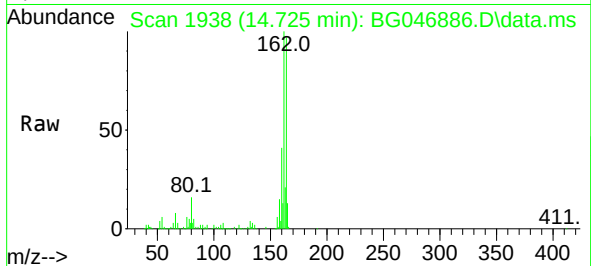




#57
2,4-Dinitrotoluene
Concen: 8.19 ng
RT: 14.725 min Scan# 1938
Delta R.T. -0.357 min
Lab File: BG046886.D
Acq: 13 Oct 2020 23:07

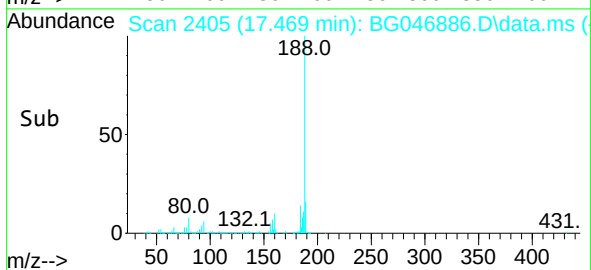
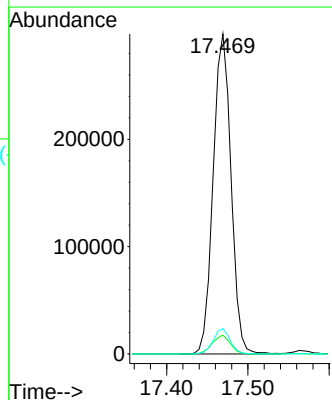
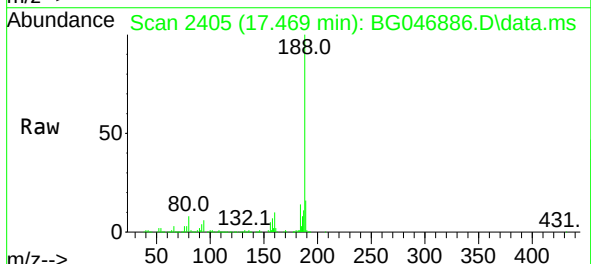
Instrument :
BNA_G
ClientSampleId :
OH-WC-J6-3-6

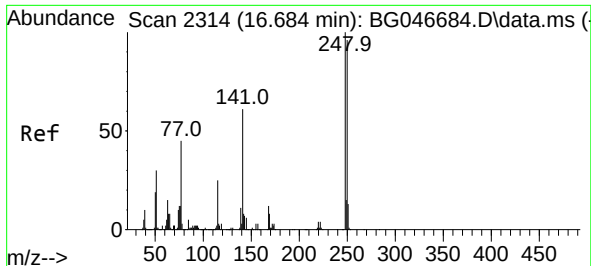
Tgt Ion:165 Resp: 24774
Ion Ratio Lower Upper
165 100
63 0.0 26.4 39.6#
89 1.3 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.469 min Scan# 2405
Delta R.T. -0.010 min
Lab File: BG046886.D
Acq: 13 Oct 2020 23:07

Tgt Ion:188 Resp: 455019
Ion Ratio Lower Upper
188 100
94 5.9 6.3 9.5#
80 7.9 7.0 10.6

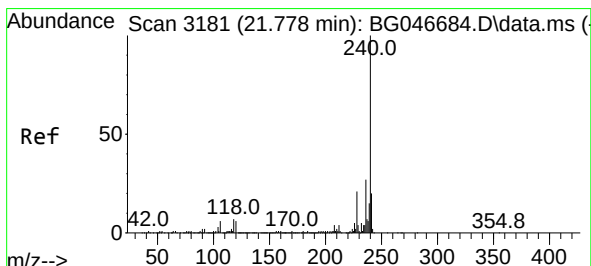
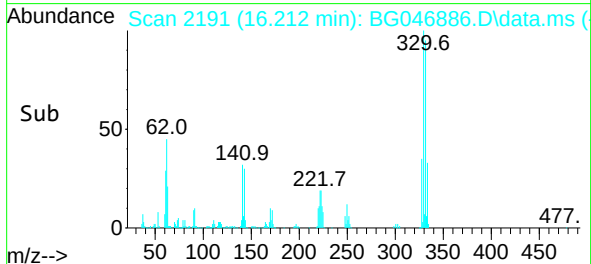
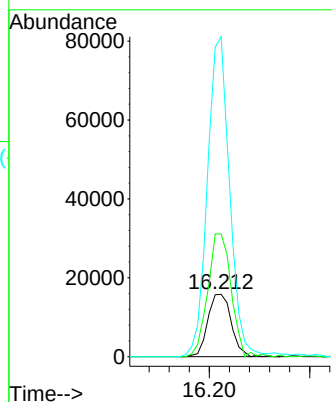
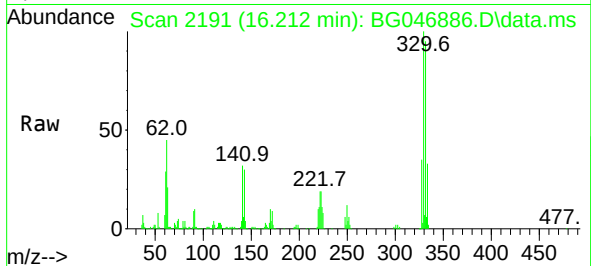




#67
4-Bromophenyl-phenylether
Concen: 4.45 ng
RT: 16.212 min Scan# 2191
Delta R.T. -0.451 min
Lab File: BG046886.D
Acq: 13 Oct 2020 23:07

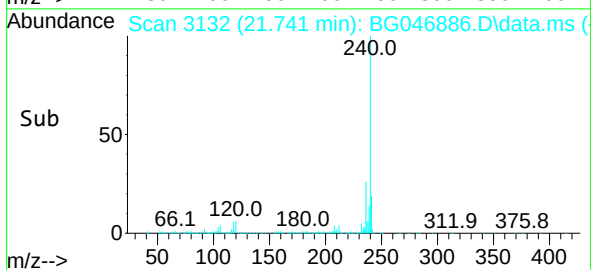
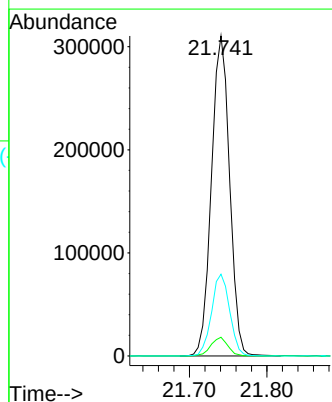
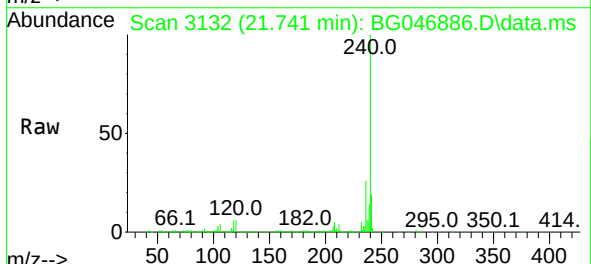
Instrument :
BNA_G
ClientSampleId :
OH-WC-J6-3-6

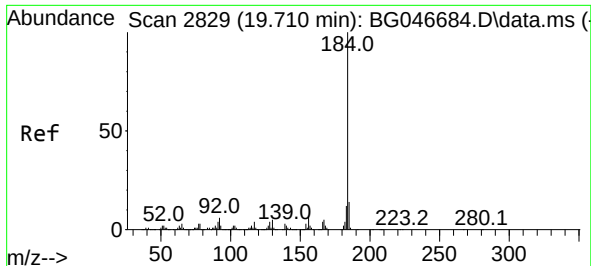
Tgt Ion:248 Resp: 25599
Ion Ratio Lower Upper
248 100
250 189.8 78.9 118.3#
141 385.5 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.741 min Scan# 3132
Delta R.T. -0.016 min
Lab File: BG046886.D
Acq: 13 Oct 2020 23:07

Tgt Ion:240 Resp: 506406
Ion Ratio Lower Upper
240 100
120 5.9 6.2 9.4#
236 25.5 20.5 30.7

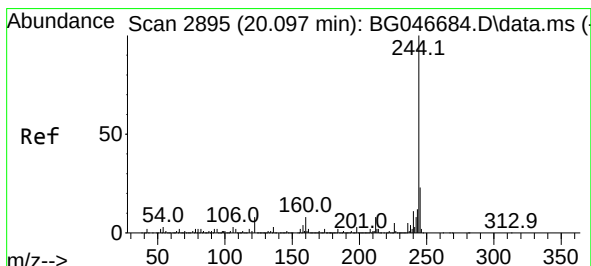
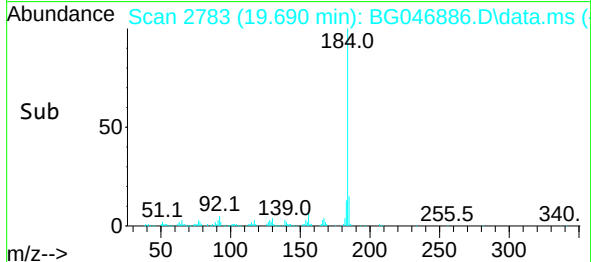
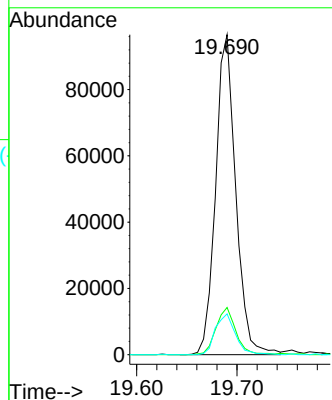
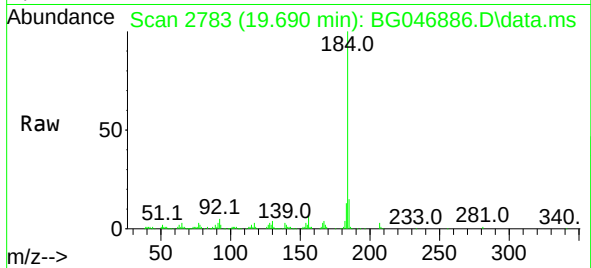




#77
Benzidine
Concen: 8.60 ng
RT: 19.690 min Scan# 2783
Delta R.T. -0.010 min
Lab File: BG046886.D
Acq: 13 Oct 2020 23:07

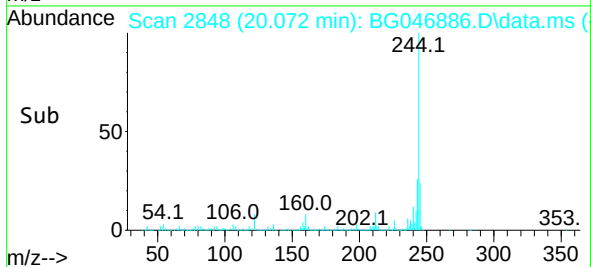
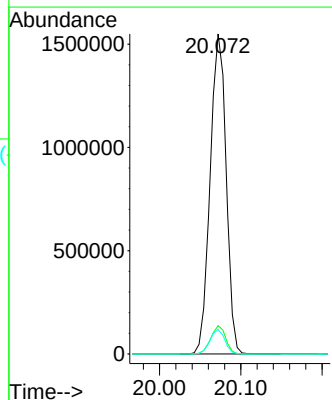
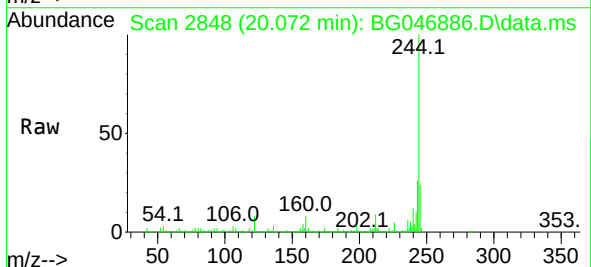
Instrument :
BNA_G
ClientSampleId :
OH-WC-J6-3-6

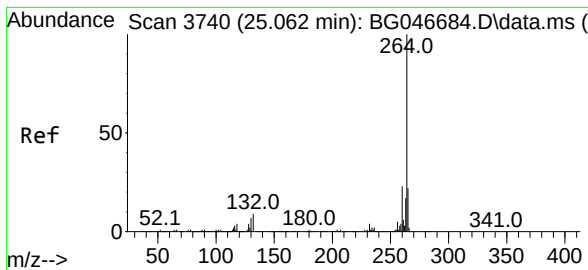
Tgt Ion:184 Resp: 134274
Ion Ratio Lower Upper
184 100
185 14.8 12.4 18.6
183 12.7 10.6 15.8



#79
Terphenyl-d14
Concen: 83.78 ng
RT: 20.072 min Scan# 2848
Delta R.T. -0.010 min
Lab File: BG046886.D
Acq: 13 Oct 2020 23:07

Tgt Ion:244 Resp: 2116819
Ion Ratio Lower Upper
244 100
212 8.9 6.7 10.1
122 7.7 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: BG046886.D
 Acq: 13 Oct 2020 23:07

Instrument :
 BNA_G
 ClientSampleId :
 OH-WC-J6-3-6

Tgt Ion:264	Resp:	494009
Ion Ratio	Lower	Upper
264	100	
260	23.5	18.8 28.2
265	20.2	17.8 26.8

