

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101220\
 Data File : BG046845.D
 Acq On : 12 Oct 2020 13:41
 Operator : CG/JU
 Sample : L4358-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW

Quant Time: Oct 12 14:28:03 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)

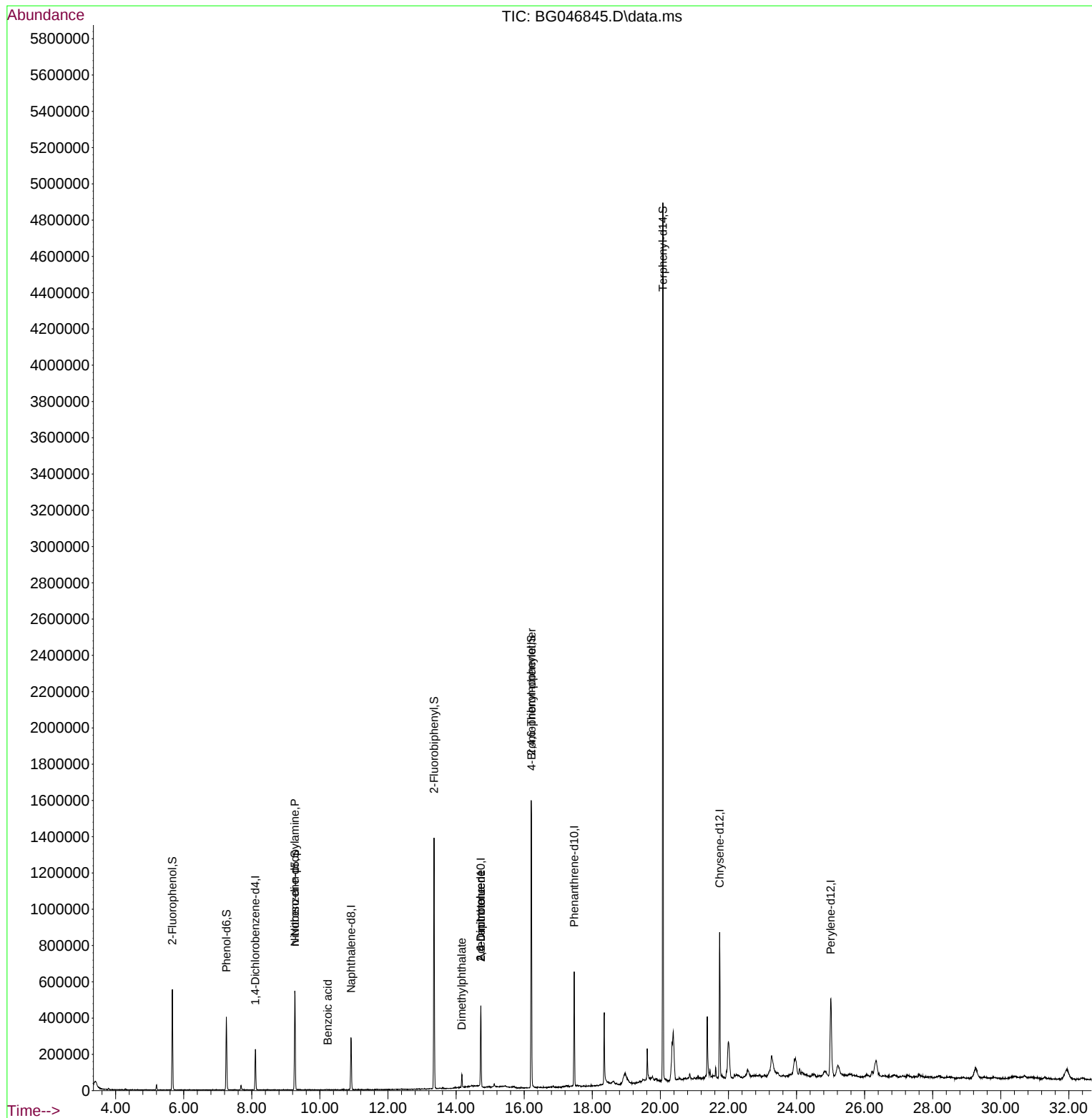
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	61854	20.00	ng	0.00
21) Naphthalene-d8	10.914	136	231811	20.00	ng	0.00
39) Acenaphthene-d10	14.727	164	155294	20.00	ng	0.00
64) Phenanthrene-d10	17.471	188	403328	20.00	ng	# 0.00
76) Chrysene-d12	21.742	240	502745	20.00	ng	#-0.01
86) Perylene-d12	25.003	264	495917	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.667	112	227761	58.99	ng	0.00
7) Phenol-d6	7.253	99	222879	40.92	ng	0.00
23) Nitrobenzene-d5	9.263	82	319179	73.25	ng	0.00
42) 2,4,6-Tribromophenol	16.208	330	316737	154.68	ng	0.00
45) 2-Fluorobiphenyl	13.352	172	726581	66.24	ng	0.00
79) Terphenyl-d14	20.074	244	2007624	80.03	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.248	77	695	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.263	70	46163	12.36	ng	# 83
32) Benzoic acid	10.232	122	65	6.37	ng	# 32
50) Dimethylphthalate	14.169	163	48118	3.88	ng	99
51) 2,6-Dinitrotoluene	14.727	165	21682	10.76	ng	# 34
57) 2,4-Dinitrotoluene	14.727	165	21682	8.12	ng	# 32
67) 4-Bromophenyl-phenylether	16.214	248	23100	4.53	ng	# 1

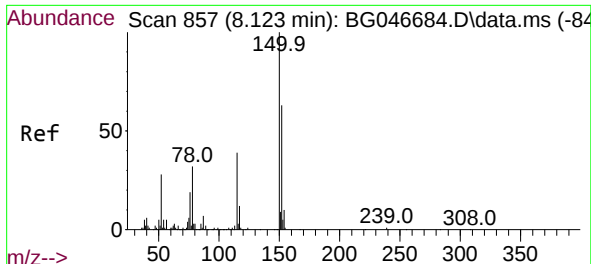
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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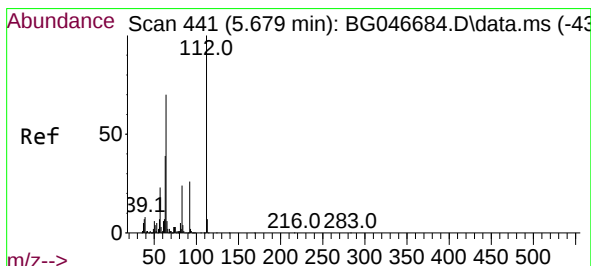
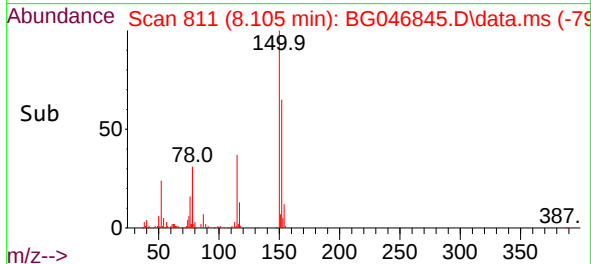
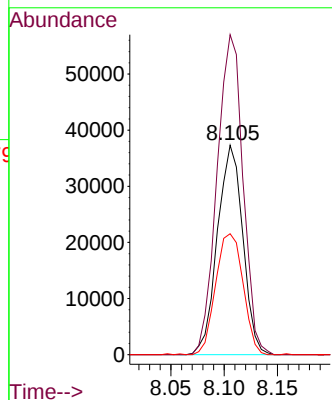
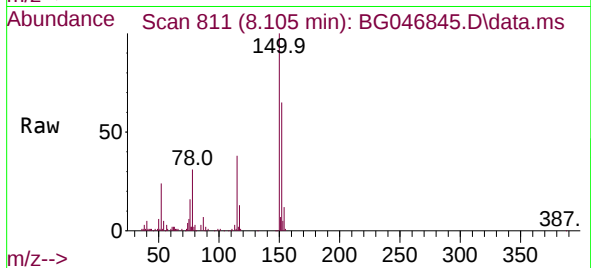




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.105 min Scan# 811
Delta R.T. -0.003 min
Lab File: BG046845.D
Acq: 12 Oct 2020 13:41

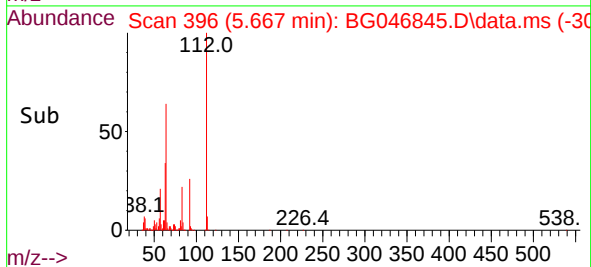
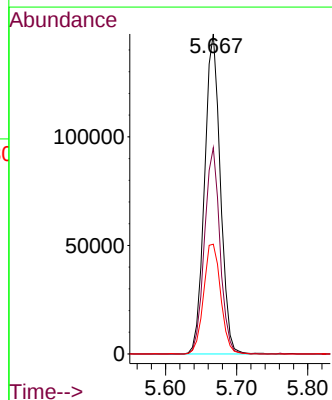
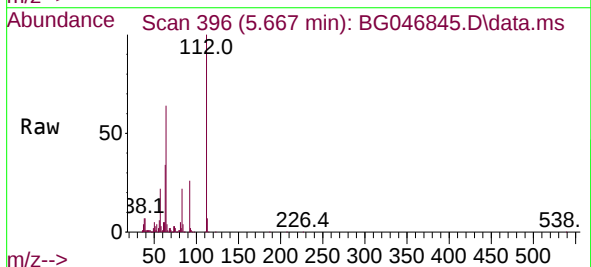
Instrument :
BNA_G
ClientSampleId :
GW

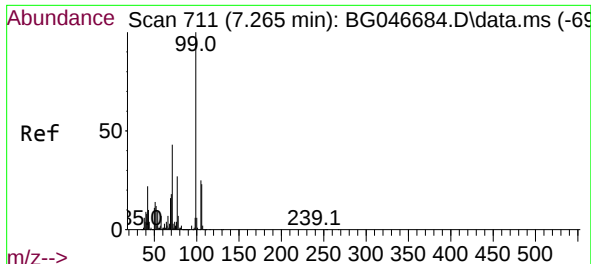
Tgt Ion:152 Resp: 61854
Ion Ratio Lower Upper
152 100
150 152.8 125.0 187.6
115 57.7 41.8 62.6



#5
2-Fluorophenol
Concen: 58.99 ng
RT: 5.667 min Scan# 396
Delta R.T. -0.002 min
Lab File: BG046845.D
Acq: 12 Oct 2020 13:41

Tgt Ion:112 Resp: 227761
Ion Ratio Lower Upper
112 100
64 64.5 46.7 70.1
63 34.3 22.8 34.2#

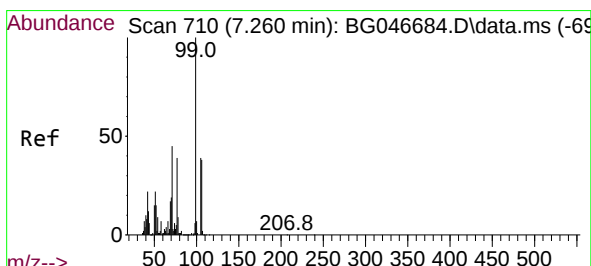
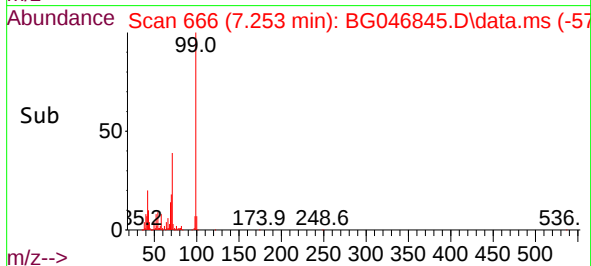
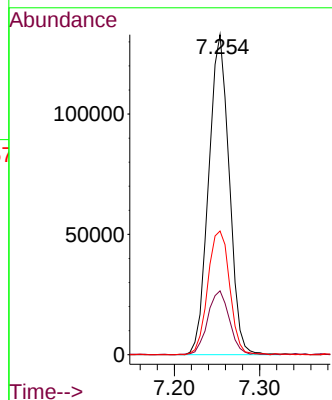
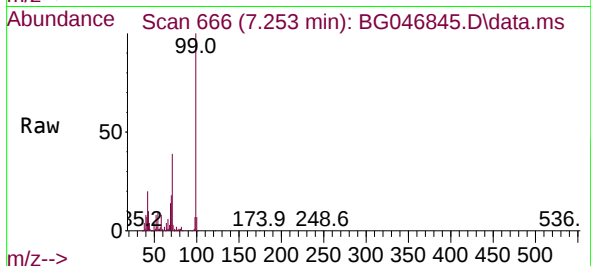




#7
Phenol-d6
Concen: 40.92 ng
RT: 7.253 min Scan# 666
Delta R.T. -0.002 min
Lab File: BG046845.D
Acq: 12 Oct 2020 13:41

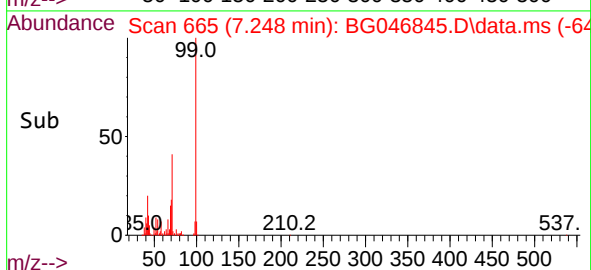
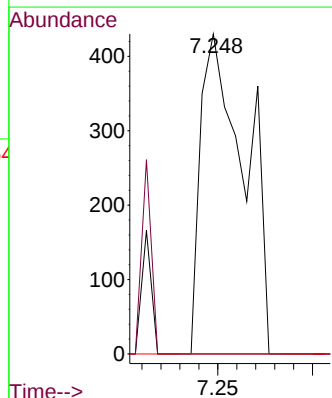
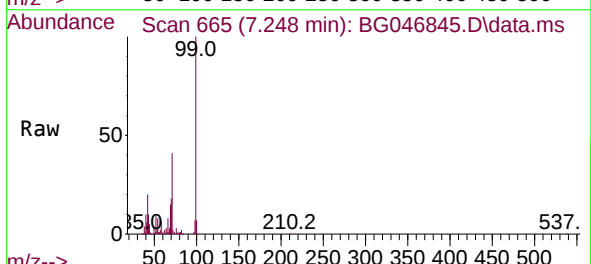
Instrument :
BNA_G
ClientSampleId :
GW

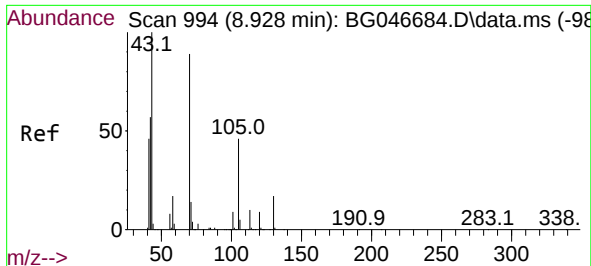
Tgt Ion: 99 Resp: 222879
Ion Ratio Lower Upper
99 100
42 20.0 12.8 19.2#
71 38.7 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.248 min Scan# 665
Delta R.T. 0.003 min
Lab File: BG046845.D
Acq: 12 Oct 2020 13:41

Tgt Ion: 77 Resp: 695
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#

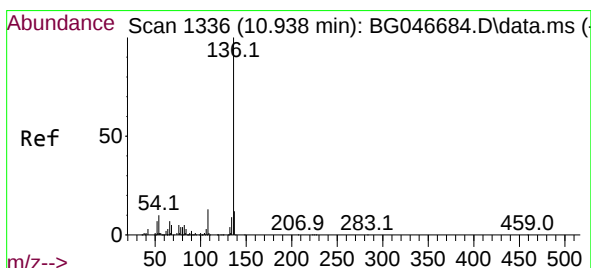
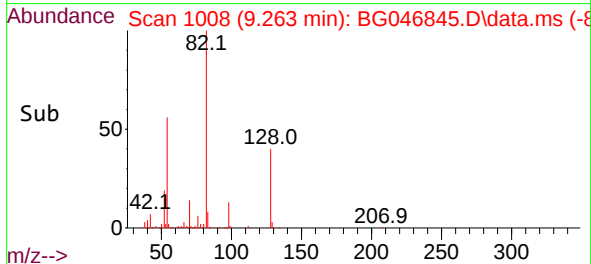
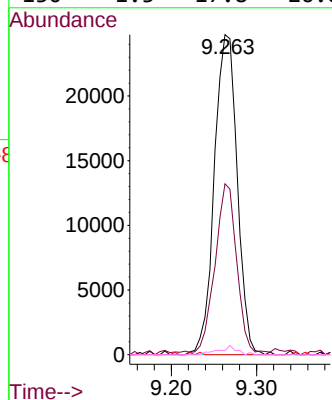
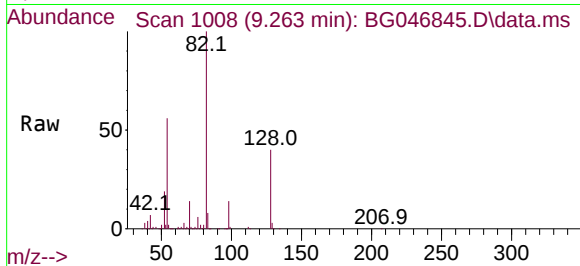




#19
n-Nitroso-di-n-propylamine
Concen: 12.36 ng
RT: 9.263 min Scan# 1008
Delta R.T. 0.350 min
Lab File: BG046845.D
Acq: 12 Oct 2020 13:41

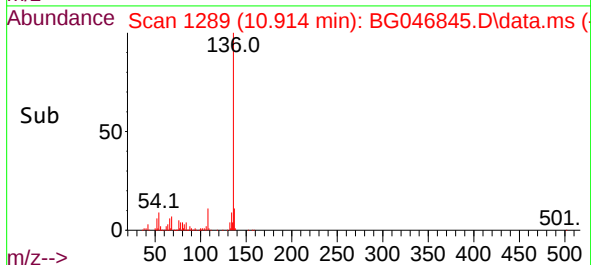
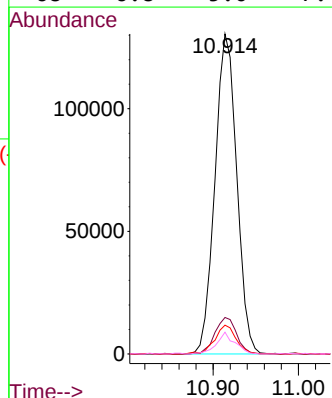
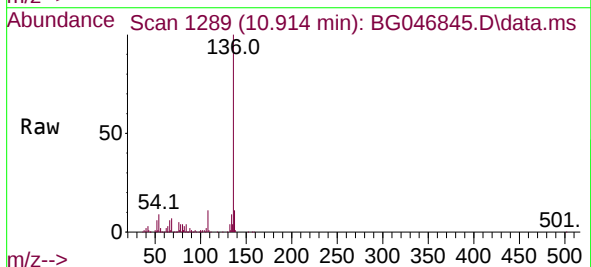
Instrument :
BNA_G
ClientSampled :
GW

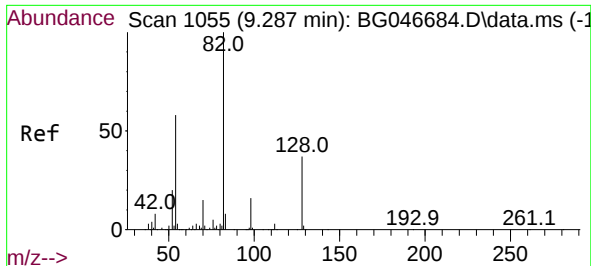
Tgt Ion:	70	Resp:	46163
Ion	Ratio	Lower	Upper
70	100		
42	53.4	45.6	68.4
101	0.0	8.4	12.6#
130	1.3	17.8	26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.914 min Scan# 1289
Delta R.T. -0.008 min
Lab File: BG046845.D
Acq: 12 Oct 2020 13:41

Tgt Ion:	136	Resp:	231811
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	9.0	6.2	9.4
68	6.8	5.0	7.4

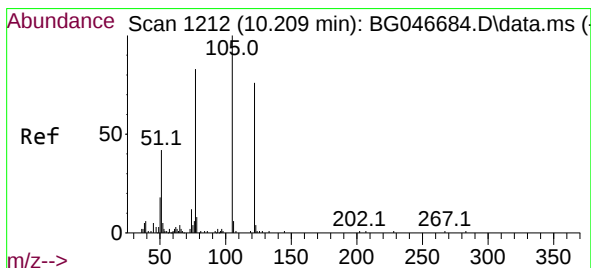
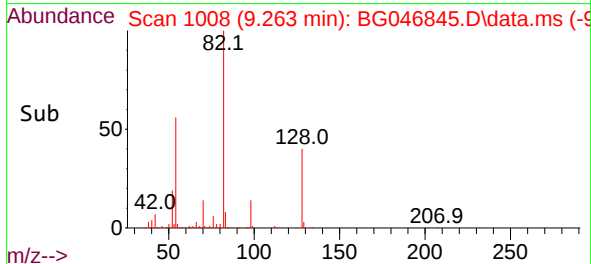
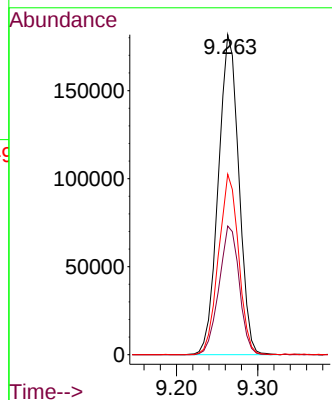
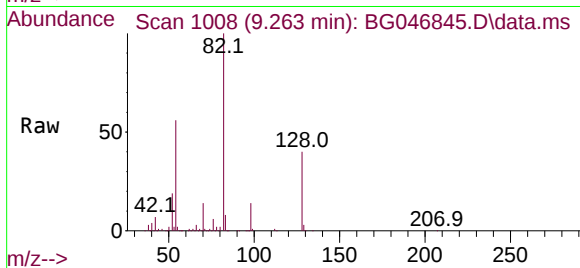




#23
Nitrobenzene-d5
Concen: 73.25 ng
RT: 9.263 min Scan# 1008
Delta R.T. -0.008 min
Lab File: BG046845.D
Acq: 12 Oct 2020 13:41

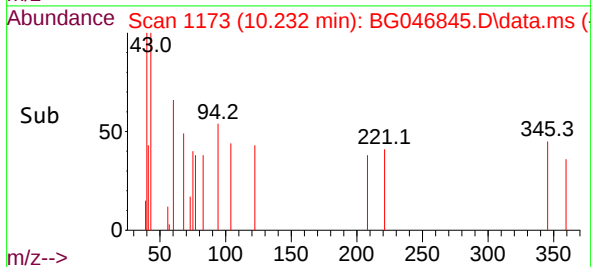
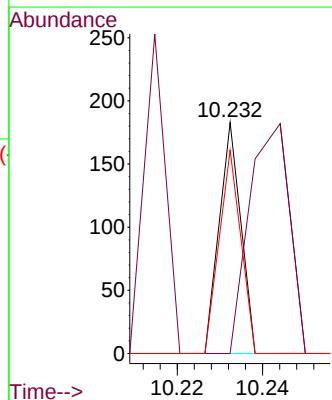
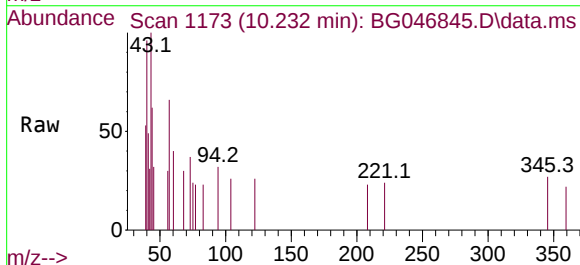
Instrument :
BNA_G
ClientSampleId :
GW

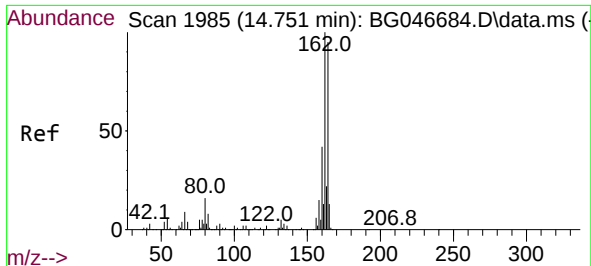
Tgt Ion: 82 Resp: 319179
Ion Ratio Lower Upper
82 100
128 40.2 37.0 55.6
54 56.4 39.0 58.4



#32
Benzoic acid
Concen: 6.37 ng
RT: 10.232 min Scan# 1173
Delta R.T. 0.039 min
Lab File: BG046845.D
Acq: 12 Oct 2020 13:41

Tgt Ion:122 Resp: 65
Ion Ratio Lower Upper
122 100
105 0.0 103.7 143.7#
77 88.0 63.0 103.0

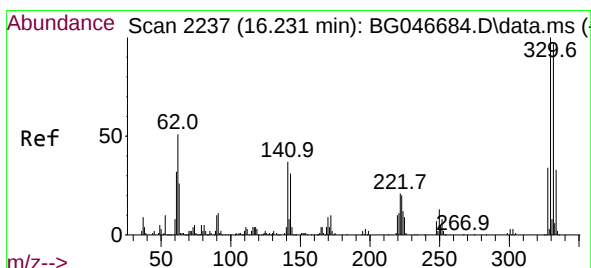
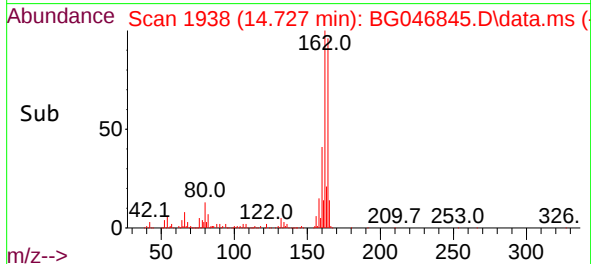
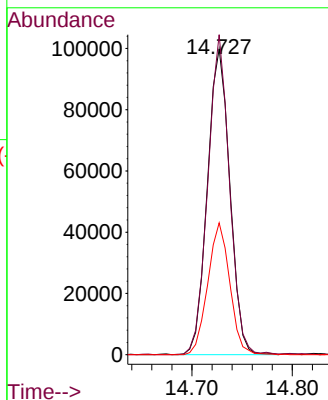
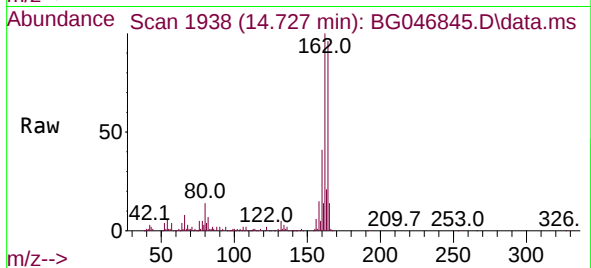




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.727 min Scan# 1938
Delta R.T. -0.008 min
Lab File: BG046845.D
Acq: 12 Oct 2020 13:41

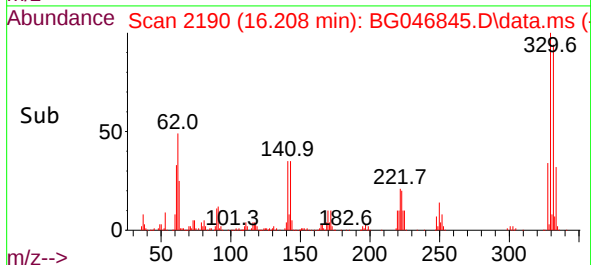
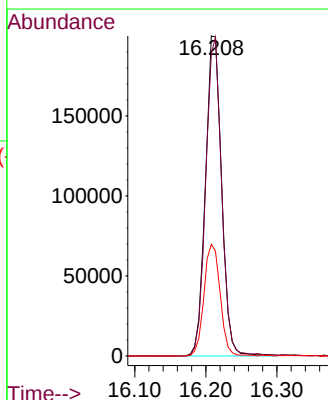
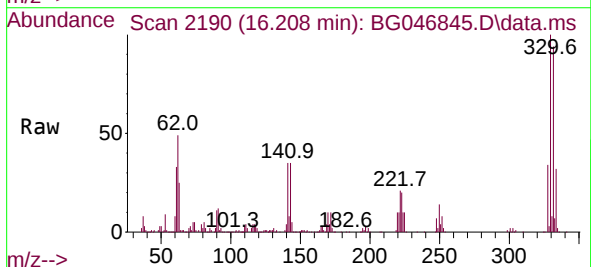
Instrument :
BNA_G
ClientSampled :
GW

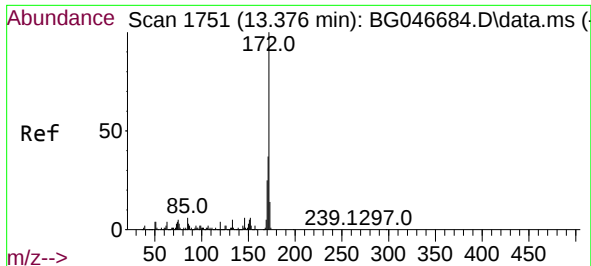
Tgt Ion:164 Resp: 155294
Ion Ratio Lower Upper
164 100
162 104.7 82.3 123.5
160 43.1 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 154.68 ng
RT: 16.208 min Scan# 2190
Delta R.T. -0.008 min
Lab File: BG046845.D
Acq: 12 Oct 2020 13:41

Tgt Ion:330 Resp: 316737
Ion Ratio Lower Upper
330 100
332 97.9 76.5 114.7
141 34.9 26.0 39.0

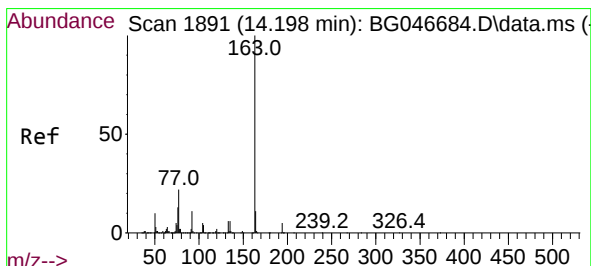
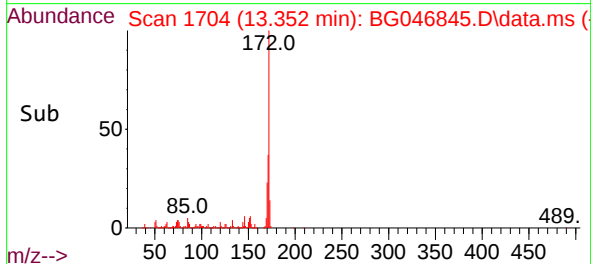
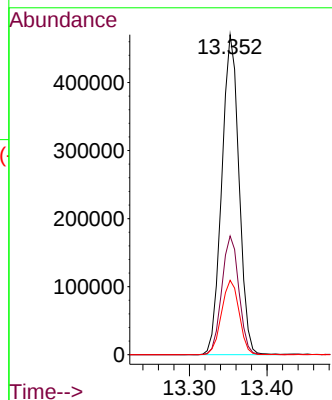
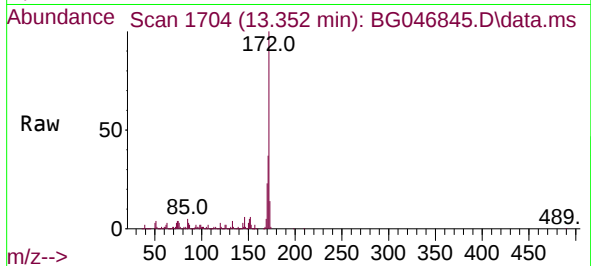




#45
2-Fluorobiphenyl
Concen: 66.24 ng
RT: 13.352 min Scan# 1704
Delta R.T. -0.008 min
Lab File: BG046845.D
Acq: 12 Oct 2020 13:41

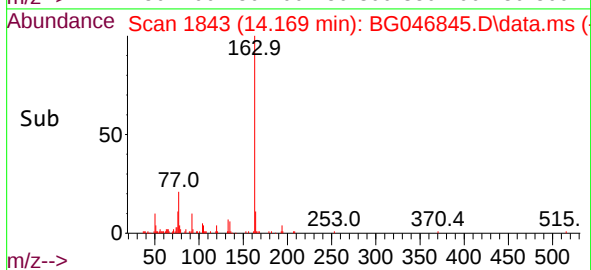
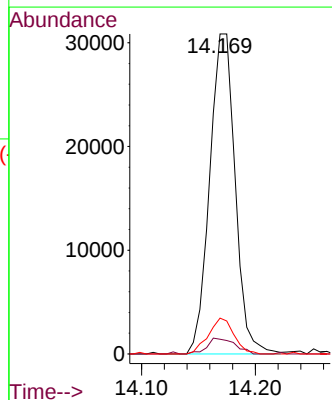
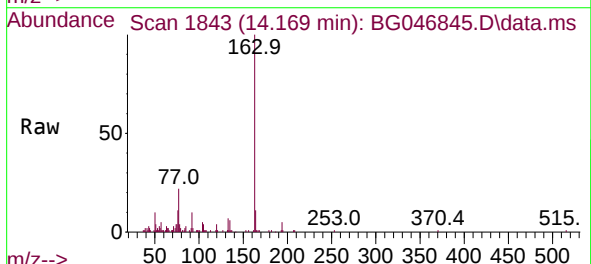
Instrument :
BNA_G
ClientSampled :
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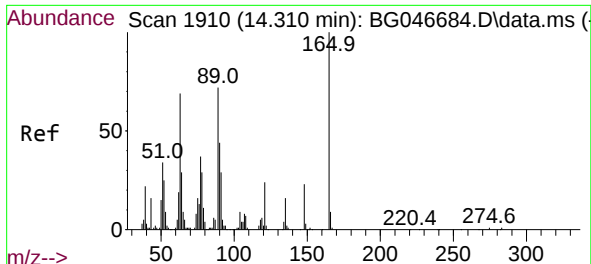
Tgt Ion:172	Resp: 726581
Ion Ratio	Lower Upper
172	100
171	37.1 31.3 46.9
170	23.3 20.8 31.2



#50
Dimethylphthalate
Concen: 3.88 ng
RT: 14.169 min Scan# 1843
Delta R.T. -0.014 min
Lab File: BG046845.D
Acq: 12 Oct 2020 13:41

Tgt Ion:163	Resp: 48118
Ion Ratio	Lower Upper
163	100
194	4.6 3.8 5.8
164	11.2 8.8 13.2

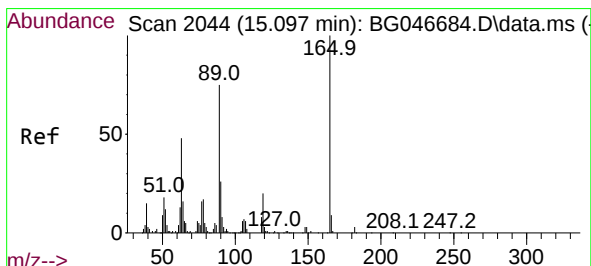
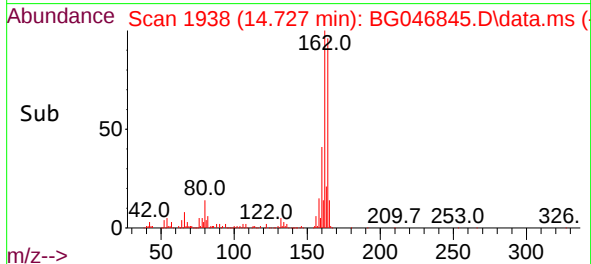
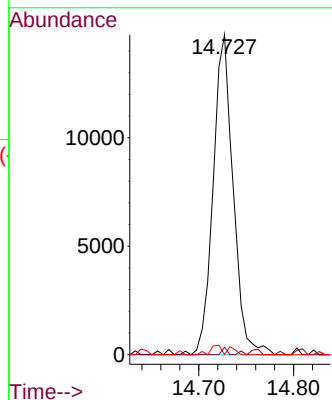
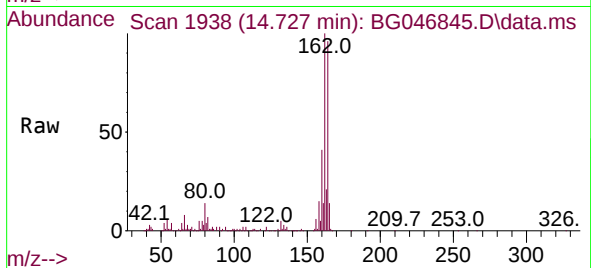




#51
2,6-Dinitrotoluene
Concen: 10.76 ng
RT: 14.727 min Scan# 1938
Delta R.T. 0.427 min
Lab File: BG046845.D
Acq: 12 Oct 2020 13:41

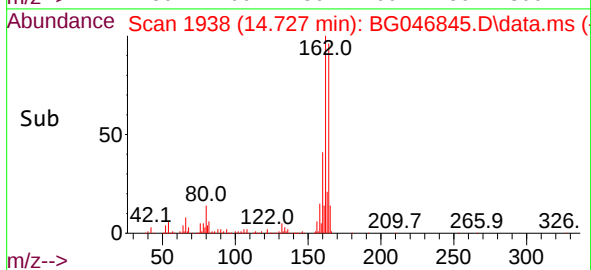
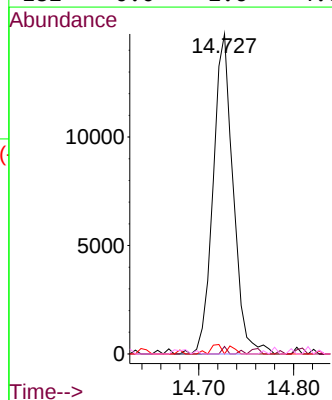
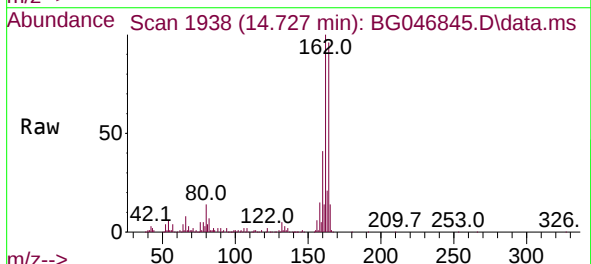
Instrument :
BNA_G
ClientSampled :
GW

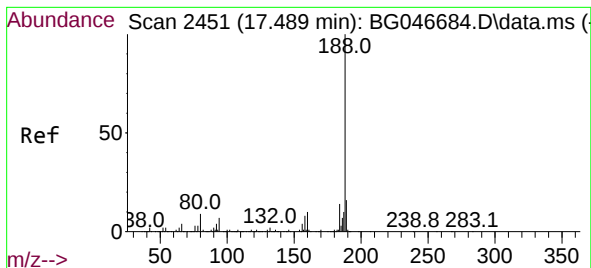
Tgt Ion:165 Resp: 21682
Ion Ratio Lower Upper
165 100
63 2.3 33.7 50.5#
89 0.0 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 8.12 ng
RT: 14.727 min Scan# 1938
Delta R.T. -0.355 min
Lab File: BG046845.D
Acq: 12 Oct 2020 13:41

Tgt Ion:165 Resp: 21682
Ion Ratio Lower Upper
165 100
63 2.3 26.4 39.6#
89 0.0 47.8 71.8#
182 0.0 2.6 4.0#

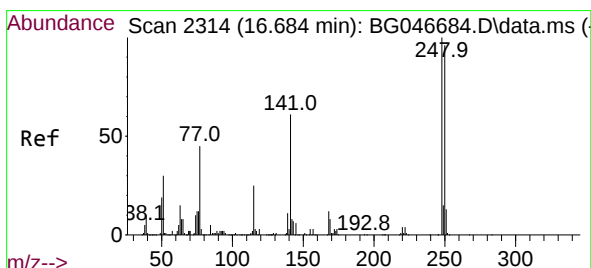
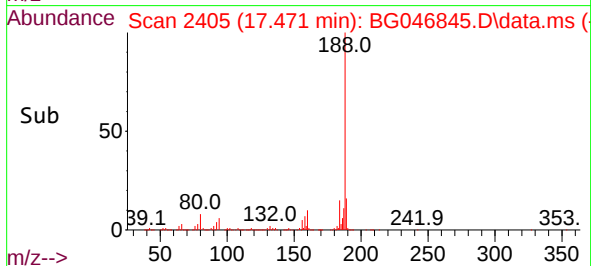
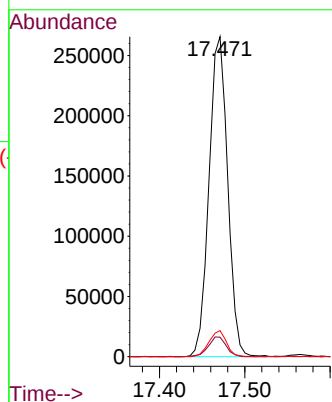
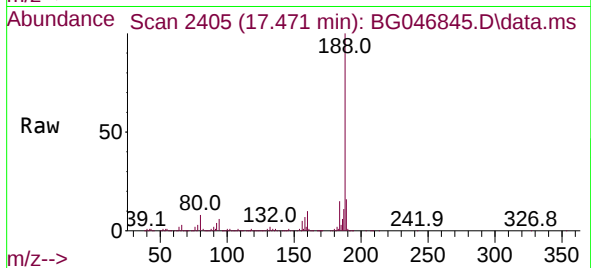




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.471 min Scan# 2405
Delta R.T. -0.008 min
Lab File: BG046845.D
Acq: 12 Oct 2020 13:41

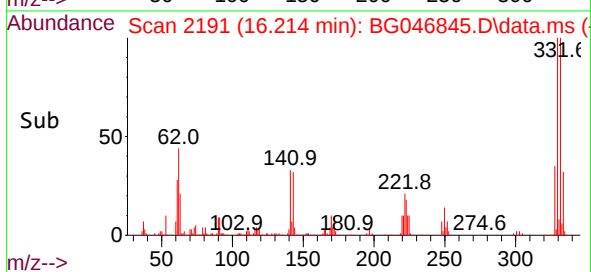
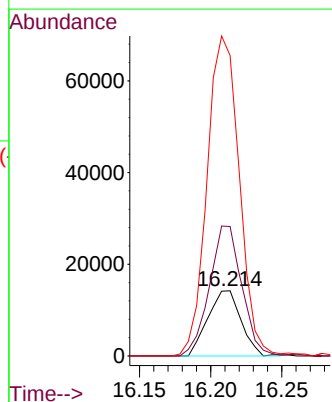
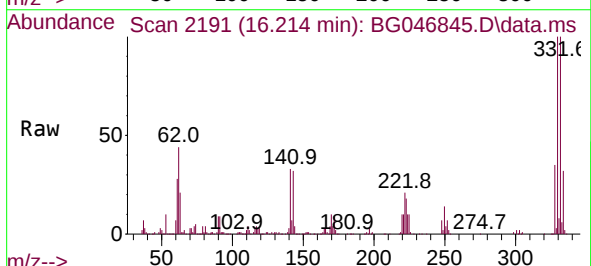
Instrument :
BNA_G
ClientSampled :
GW

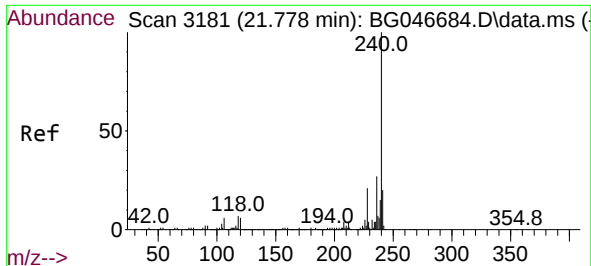
Tgt Ion:188 Resp: 403328
Ion Ratio Lower Upper
188 100
94 6.1 6.3 9.5#
80 8.2 7.0 10.6



#67
4-Bromophenyl-phenylether
Concen: 4.53 ng
RT: 16.214 min Scan# 2191
Delta R.T. -0.449 min
Lab File: BG046845.D
Acq: 12 Oct 2020 13:41

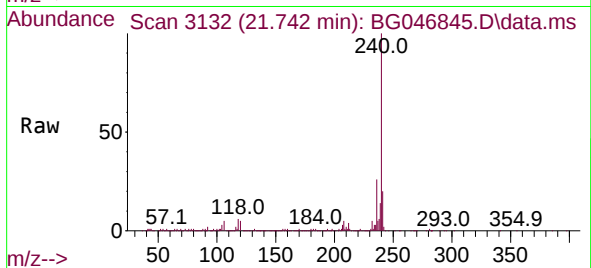
Tgt Ion:248 Resp: 23100
Ion Ratio Lower Upper
248 100
250 195.9 78.9 118.3#
141 357.4 46.2 69.4#



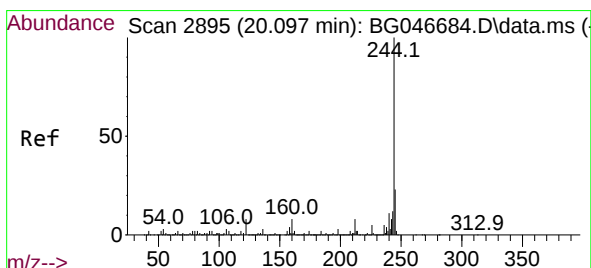
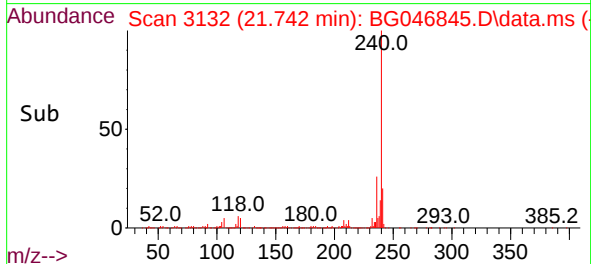
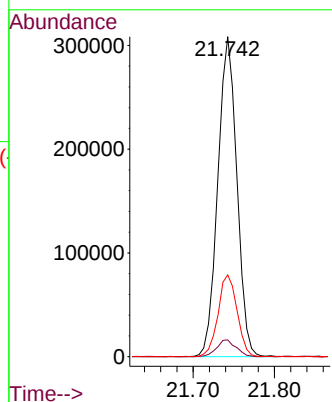


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.742 min Scan# 3132
Delta R.T. -0.014 min
Lab File: BG046845.D
Acq: 12 Oct 2020 13:41

Instrument :
BNA_G
ClientSampled :
GW

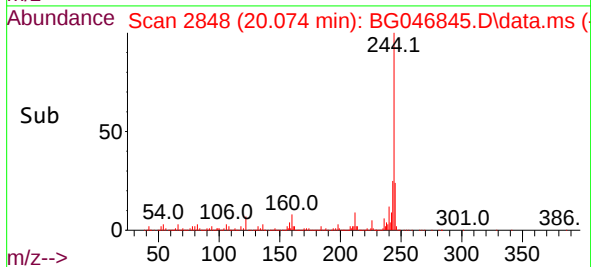
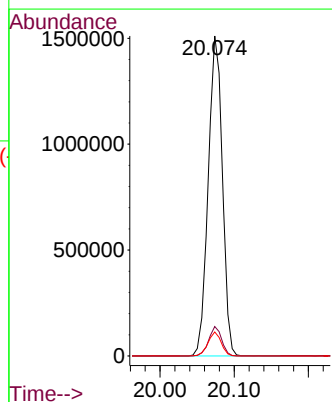
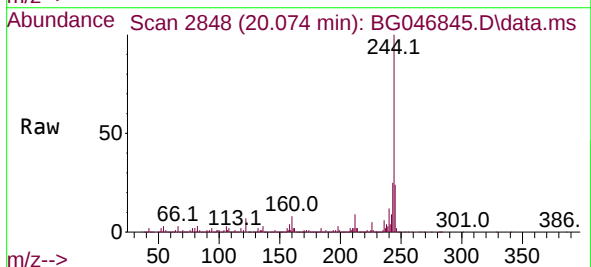


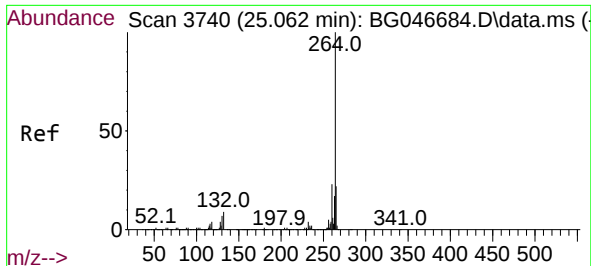
Tgt Ion:240 Resp: 502745
Ion Ratio Lower Upper
240 100
120 5.3 6.2 9.4#
236 25.6 20.5 30.7



#79
Terphenyl-d14
Concen: 80.03 ng
RT: 20.074 min Scan# 2848
Delta R.T. -0.008 min
Lab File: BG046845.D
Acq: 12 Oct 2020 13:41

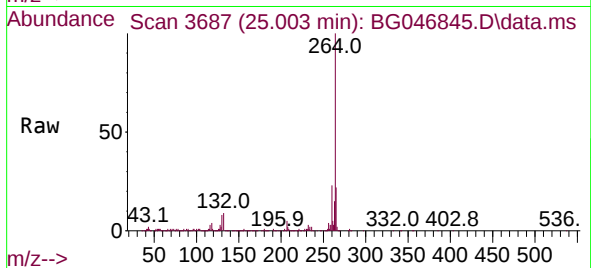
Tgt Ion:244 Resp: 2007624
Ion Ratio Lower Upper
244 100
212 9.2 6.7 10.1
122 7.5 7.8 11.6#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.003 min Scan# 3687
Delta R.T. -0.026 min
Lab File: BG046845.D
Acq: 12 Oct 2020 13:41

Instrument :
BNA_G
ClientSampleId :
GW



Tgt Ion:264 Resp: 495917
Ion Ratio Lower Upper
264 100
260 23.5 18.8 28.2
265 21.8 17.8 26.8

