

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100820\
 Data File : BG046816.D
 Acq On : 8 Oct 2020 15:27
 Operator : CG/JU
 Sample : L4293-03
 Misc : 8270 SPIKE 50/100ppm
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-6-MW-2

Quant Time: Oct 08 16:31:31 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)

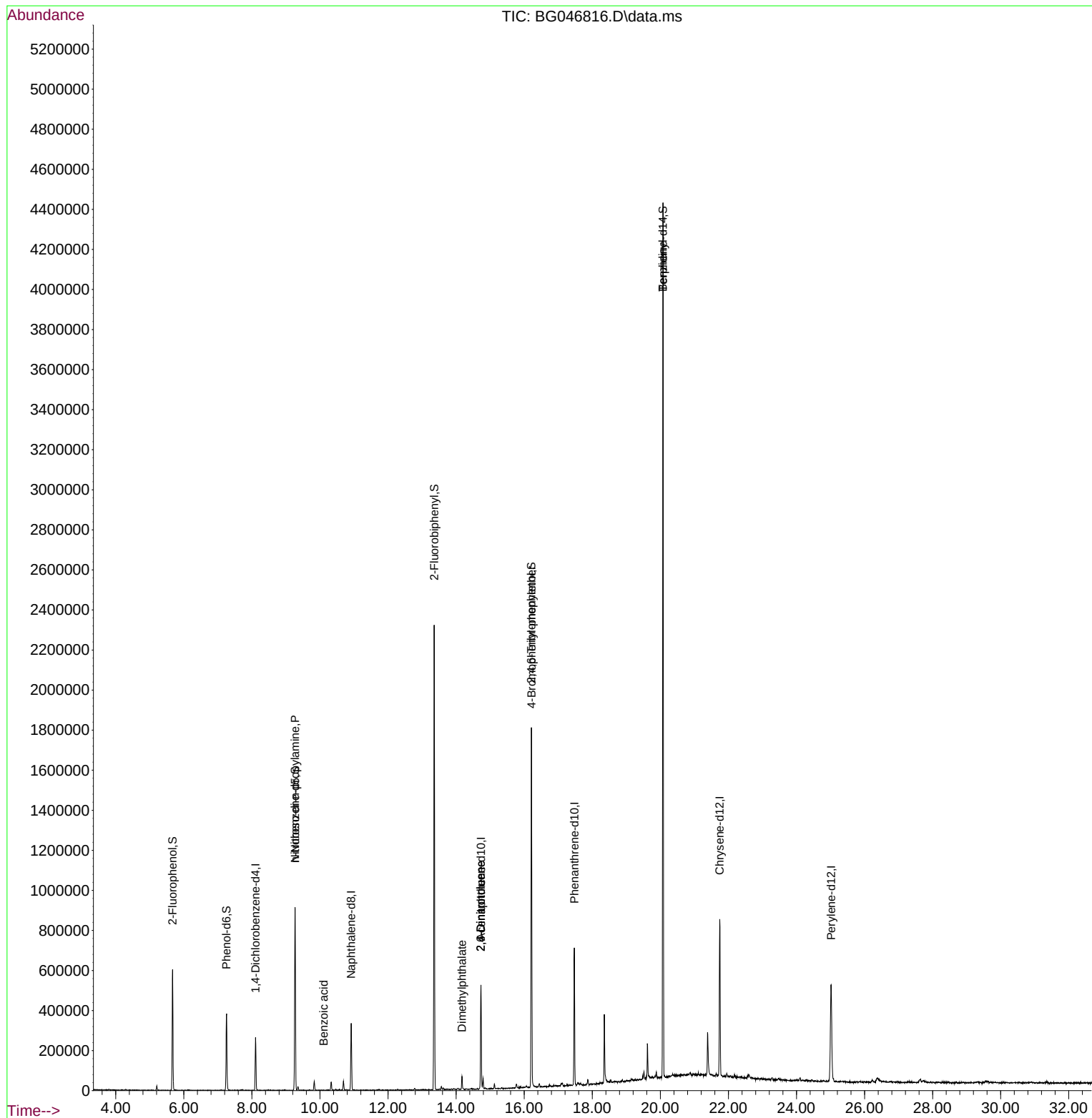
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.109	152	71500	20.00	ng	0.00
21) Naphthalene-d8	10.917	136	274751	20.00	ng	0.00
39) Acenaphthene-d10	14.730	164	184195	20.00	ng	0.00
64) Phenanthrene-d10	17.474	188	426280	20.00	ng	# 0.00
76) Chrysene-d12	21.746	240	510608	20.00	ng	#-0.01
86) Perylene-d12	25.018	264	548815	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.670	112	251616	56.38	ng	0.00
7) Phenol-d6	7.257	99	207169	32.91	ng	0.00
23) Nitrobenzene-d5	9.266	82	538165	104.21	ng	0.00
42) 2,4,6-Tribromophenol	16.211	330	360914	148.60	ng	0.00
45) 2-Fluorobiphenyl	13.355	172	1167457	89.73	ng	0.00
79) Terphenyl-d14	20.077	244	1921179	75.41	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.245	77	552	Below Cal	#	44
19) n-Nitroso-di-n-propyla...	9.266	70	78174	18.11	ng	# 77
32) Benzoic acid	10.112	122	215	6.41	ng	# 1
50) Dimethylphthalate	14.172	163	41859	2.85	ng	99
51) 2,6-Dinitrotoluene	14.724	165	25169	10.53	ng	# 35
57) 2,4-Dinitrotoluene	14.724	165	25169	7.95	ng	# 33
67) 4-Bromophenyl-phenylether	16.217	248	25141	4.67	ng	# 1
77) Benzidine	20.077	184	33821	2.15	ng	# 90

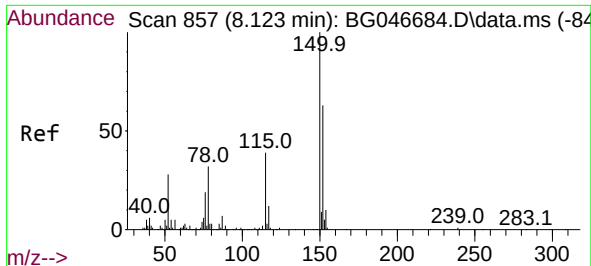
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 07 11:38:17 2020
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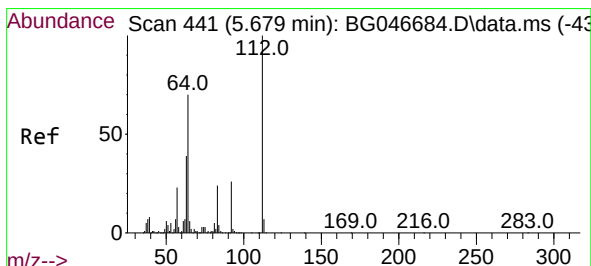
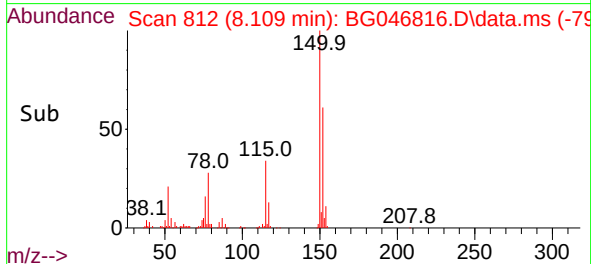
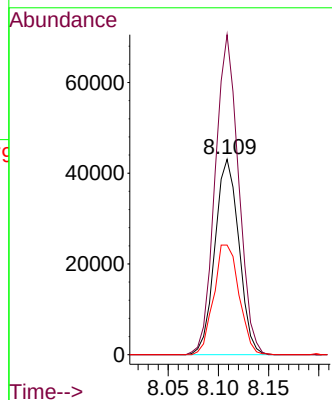
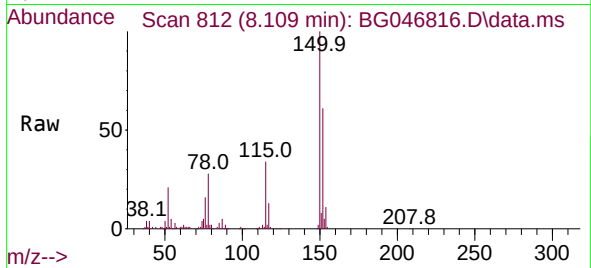




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.109 min Scan# 812
Delta R.T. 0.001 min
Lab File: BG046816.D
Acq: 8 Oct 2020 15:27

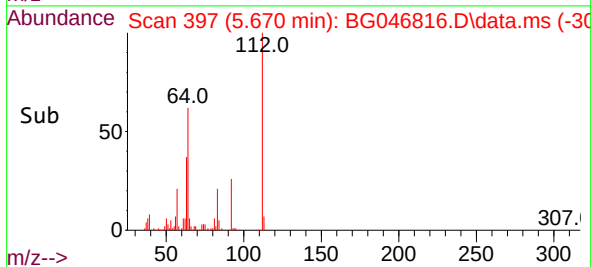
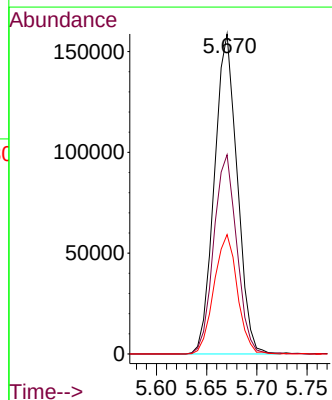
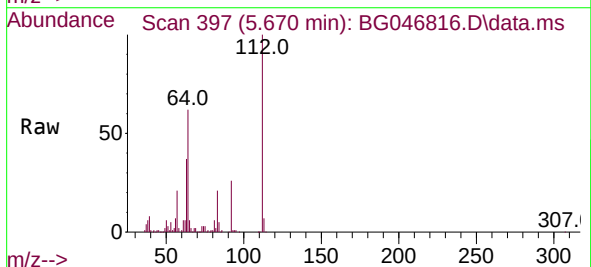
Instrument :
BNA_G
ClientSampleId :
B-6-MW-2

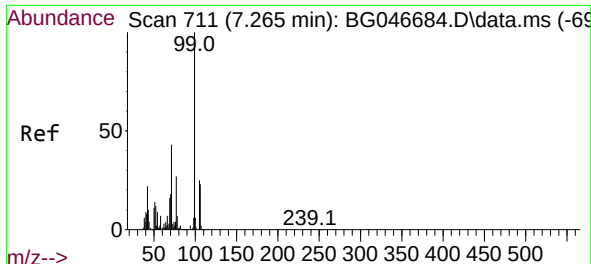
Tgt Ion:152 Resp: 71500
Ion Ratio Lower Upper
152 100
150 163.8 125.0 187.6
115 56.1 41.8 62.6



#5
2-Fluorophenol
Concen: 56.38 ng
RT: 5.670 min Scan# 397
Delta R.T. 0.001 min
Lab File: BG046816.D
Acq: 8 Oct 2020 15:27

Tgt Ion:112 Resp: 251616
Ion Ratio Lower Upper
112 100
64 62.3 46.7 70.1
63 37.3 22.8 34.2#

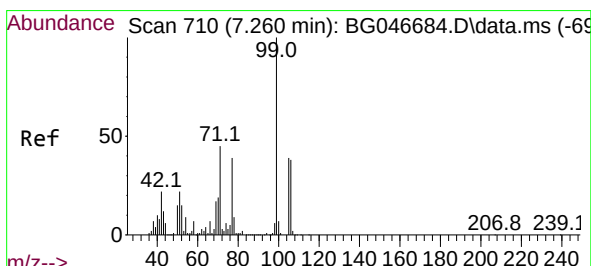
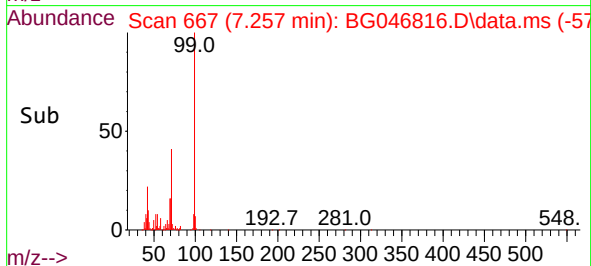
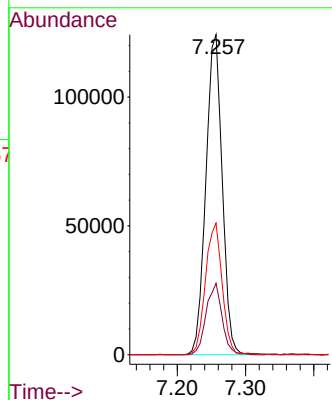
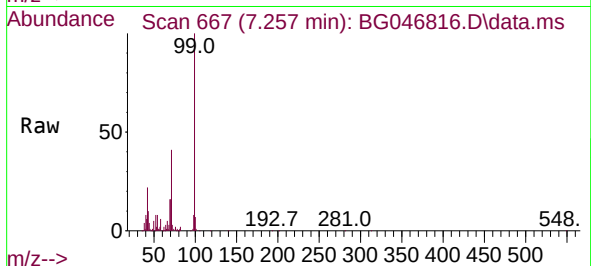




#7
Phenol-d6
Concen: 32.91 ng
RT: 7.257 min Scan# 667
Delta R.T. 0.001 min
Lab File: BG046816.D
Acq: 8 Oct 2020 15:27

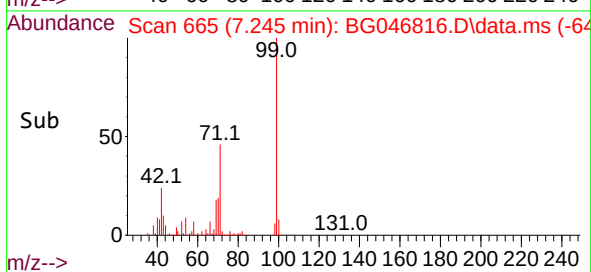
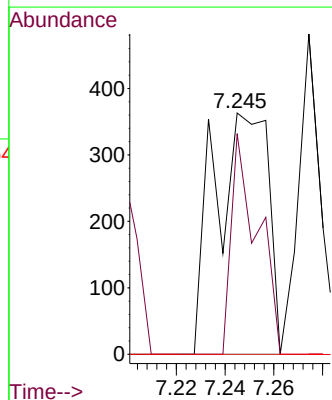
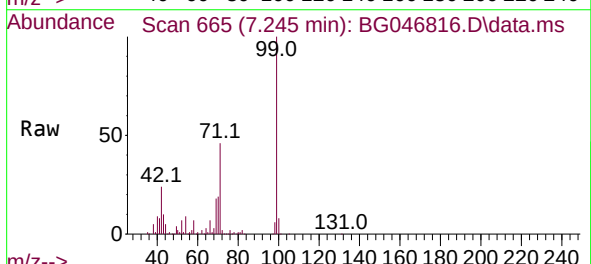
Instrument :
BNA_G
ClientSampleId :
B-6-MW-2

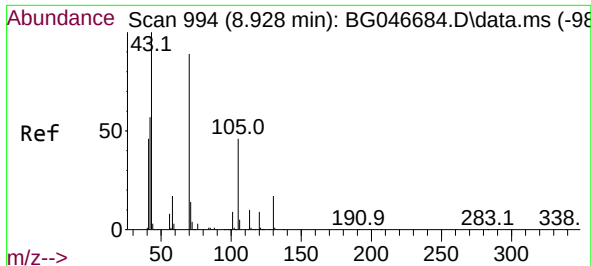
Tgt Ion: 99 Resp: 207169
Ion Ratio Lower Upper
99 100
42 22.3 12.8 19.2#
71 41.1 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.245 min Scan# 665
Delta R.T. 0.001 min
Lab File: BG046816.D
Acq: 8 Oct 2020 15:27

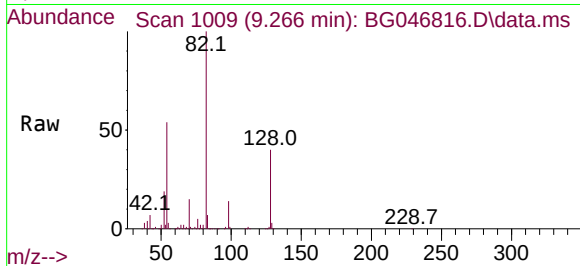
Tgt Ion: 77 Resp: 552
Ion Ratio Lower Upper
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105 91.5 85.9 125.9
106 0.0 80.9 120.9#



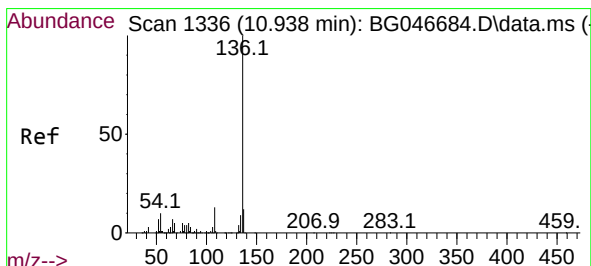
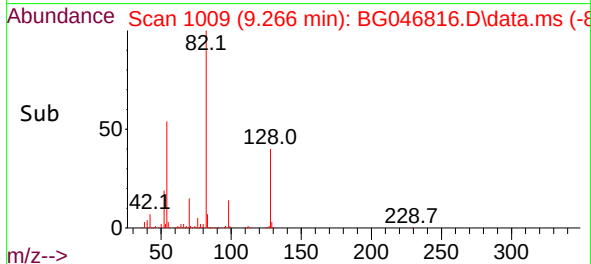
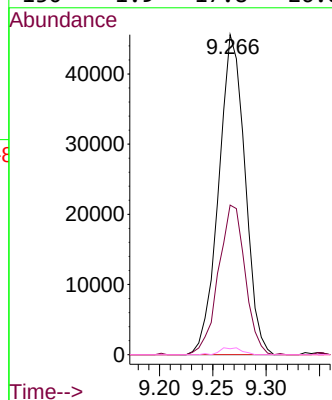


#19
n-Nitroso-di-n-propylamine
Concen: 18.11 ng
RT: 9.266 min Scan# 1009
Delta R.T. 0.353 min
Lab File: BG046816.D
Acq: 8 Oct 2020 15:27

Instrument :
BNA_G
ClientSampleId :
B-6-MW-2

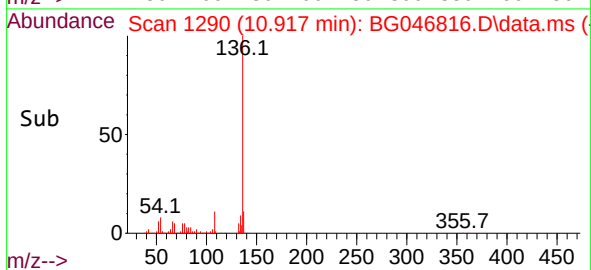
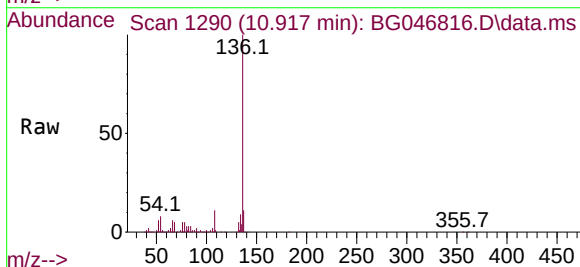
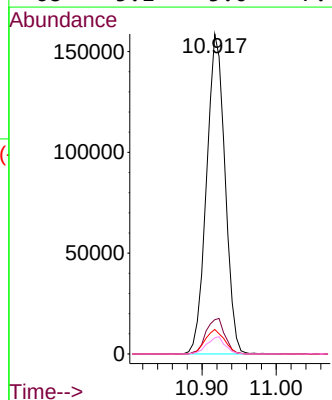


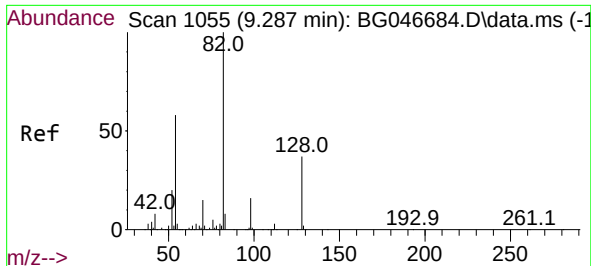
Tgt Ion:	70	Resp:	78174
Ion	Ratio	Lower	Upper
70	100		
42	46.7	45.6	68.4
101	0.0	8.4	12.6#
130	1.9	17.8	26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.917 min Scan# 1290
Delta R.T. -0.005 min
Lab File: BG046816.D
Acq: 8 Oct 2020 15:27

Tgt Ion:	136	Resp:	274751
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	7.7	6.2	9.4
68	5.1	5.0	7.4

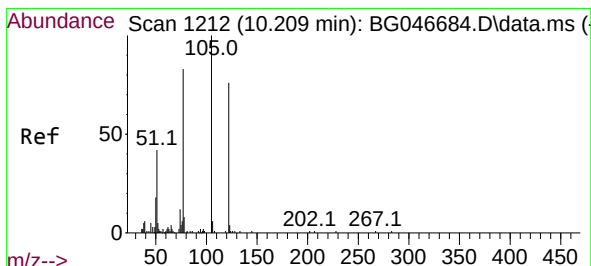
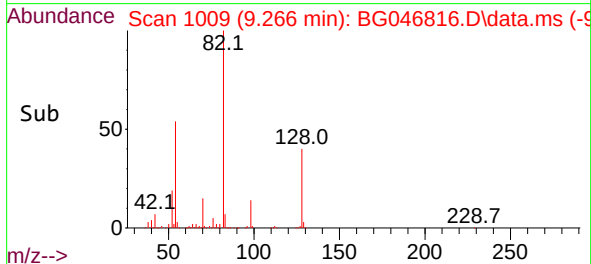
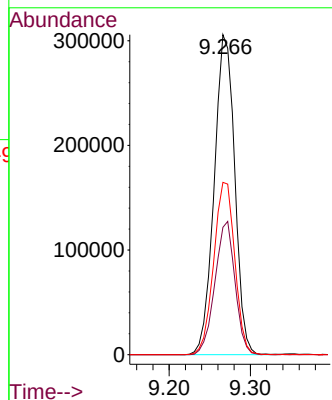
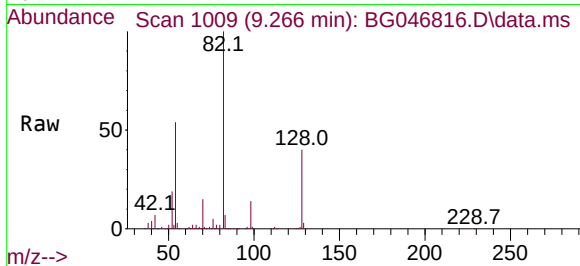




#23
Nitrobenzene-d5
Concen: 104.21 ng
RT: 9.266 min Scan# 1009
Delta R.T. -0.005 min
Lab File: BG046816.D
Acq: 8 Oct 2020 15:27

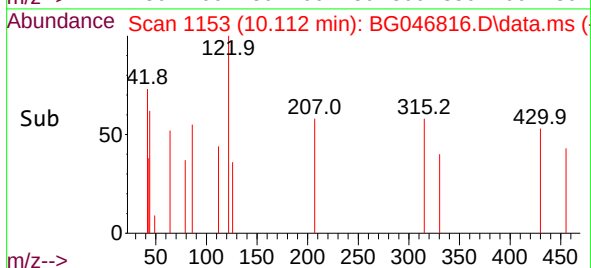
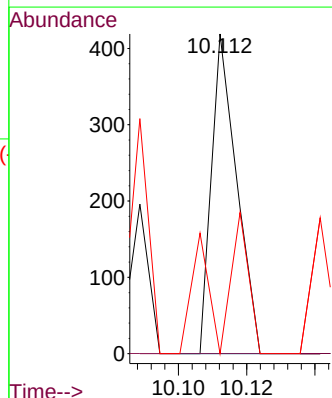
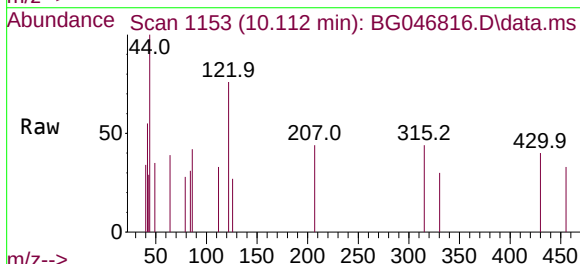
Instrument :
BNA_G
ClientSampleId :
B-6-MW-2

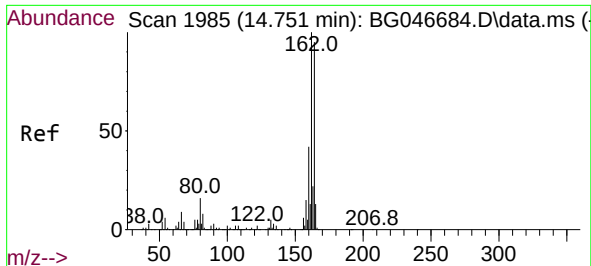
Tgt Ion: 82 Resp: 538165
Ion Ratio Lower Upper
82 100
128 39.8 37.0 55.6
54 53.8 39.0 58.4



#32
Benzoic acid
Concen: 6.41 ng
RT: 10.112 min Scan# 1153
Delta R.T. -0.081 min
Lab File: BG046816.D
Acq: 8 Oct 2020 15:27

Tgt Ion:122 Resp: 215
Ion Ratio Lower Upper
122 100
105 0.0 103.7 143.7#
77 0.0 63.0 103.0#

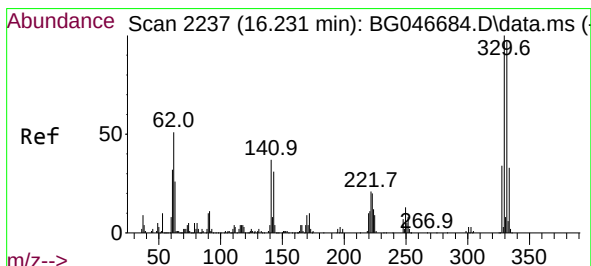
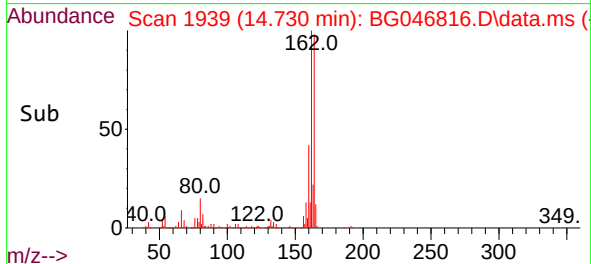
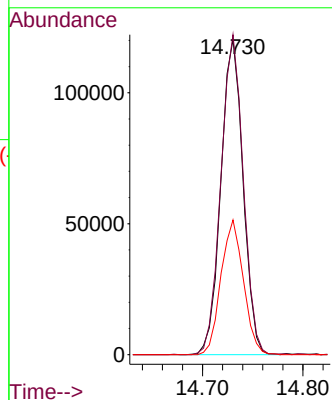
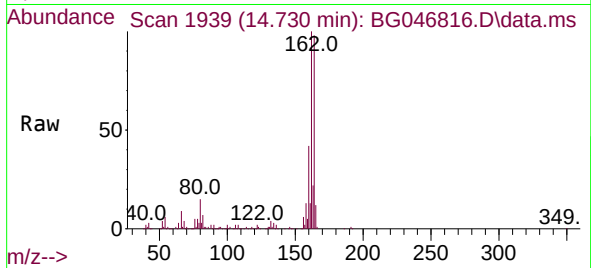




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.730 min Scan# 1939
Delta R.T. -0.005 min
Lab File: BG046816.D
Acq: 8 Oct 2020 15:27

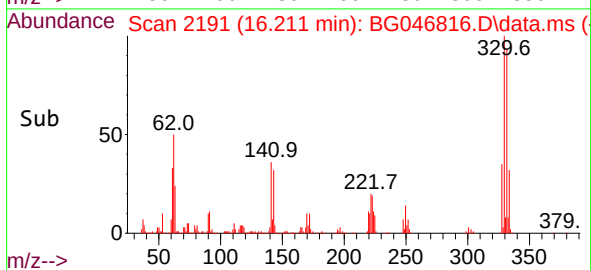
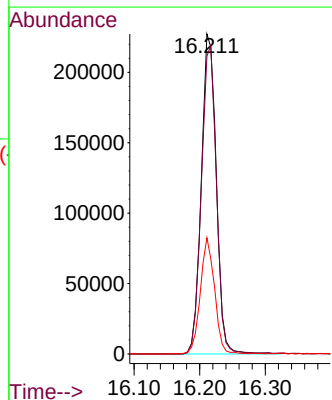
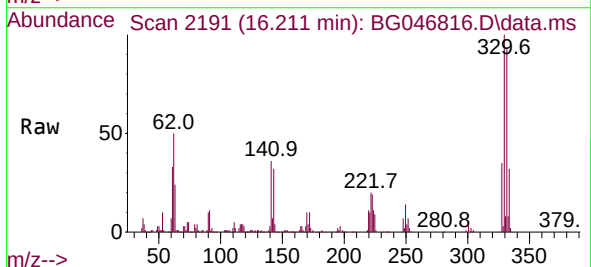
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B-6-MW-2

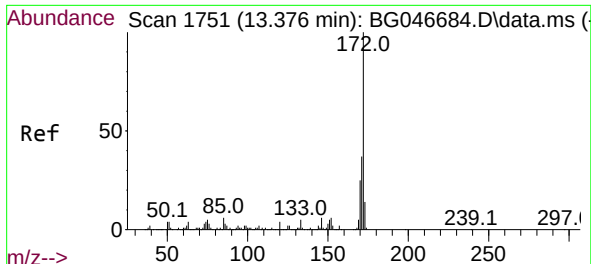
Tgt Ion:164 Resp: 184195
Ion Ratio Lower Upper
164 100
162 101.6 82.3 123.5
160 42.8 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 148.60 ng
RT: 16.211 min Scan# 2191
Delta R.T. -0.005 min
Lab File: BG046816.D
Acq: 8 Oct 2020 15:27

Tgt Ion:330 Resp: 360914
Ion Ratio Lower Upper
330 100
332 96.6 76.5 114.7
141 34.6 26.0 39.0

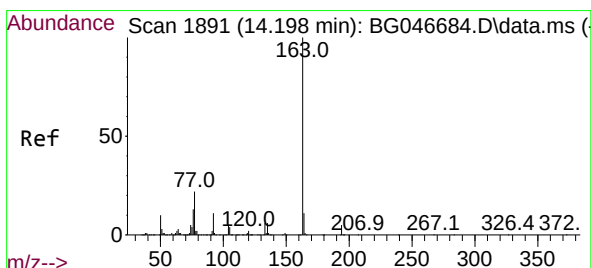
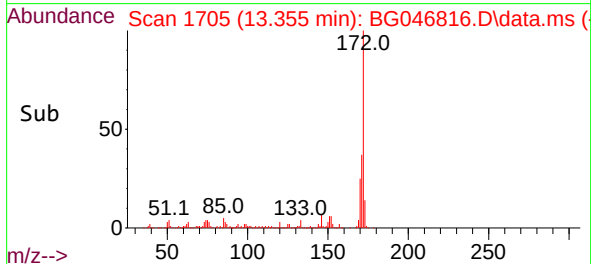
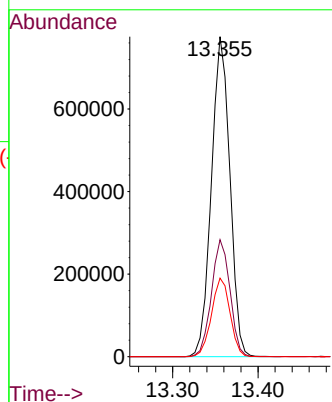
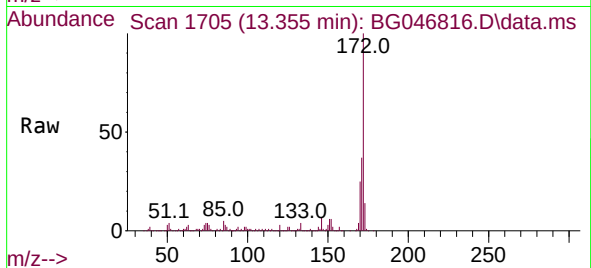




#45
2-Fluorobiphenyl
Concen: 89.73 ng
RT: 13.355 min Scan# 1705
Delta R.T. -0.005 min
Lab File: BG046816.D
Acq: 8 Oct 2020 15:27

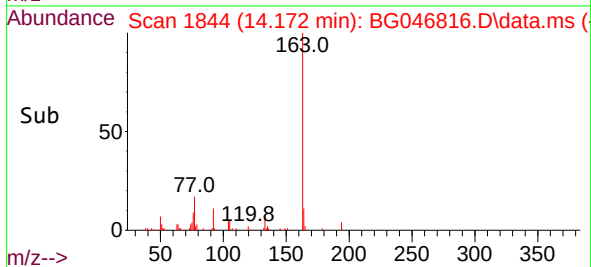
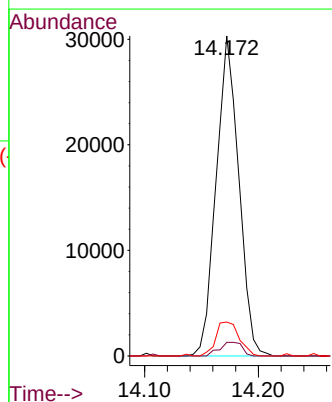
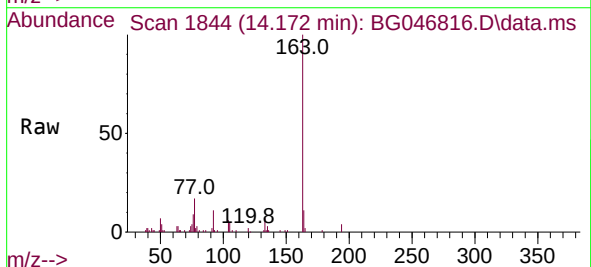
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BNA_G
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B-6-MW-2

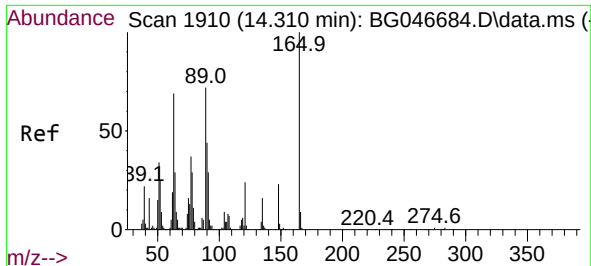
Tgt Ion:172 Resp: 1167457
Ion Ratio Lower Upper
172 100
171 36.5 31.3 46.9
170 24.6 20.8 31.2



#50
Dimethylphthalate
Concen: 2.85 ng
RT: 14.172 min Scan# 1844
Delta R.T. -0.011 min
Lab File: BG046816.D
Acq: 8 Oct 2020 15:27

Tgt Ion:163 Resp: 41859
Ion Ratio Lower Upper
163 100
194 4.3 3.8 5.8
164 10.6 8.8 13.2

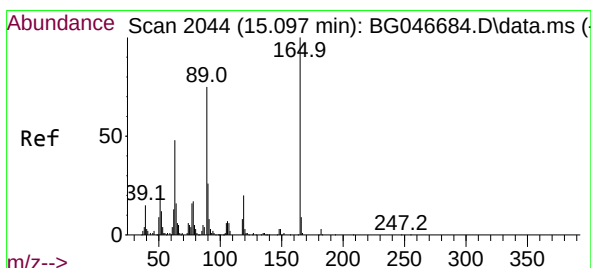
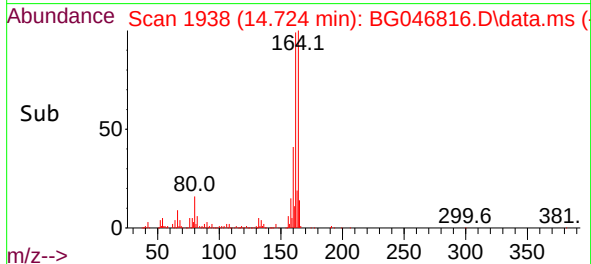
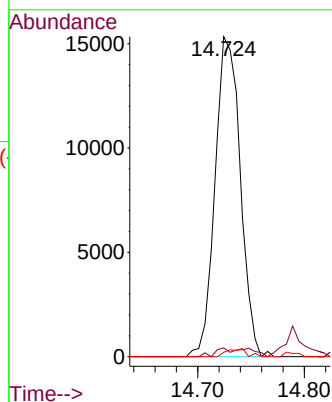
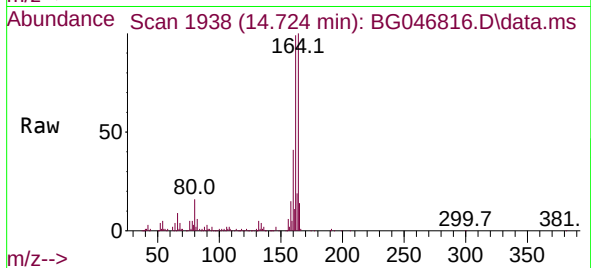




#51
2,6-Dinitrotoluene
Concen: 10.53 ng
RT: 14.724 min Scan# 1938
Delta R.T. 0.424 min
Lab File: BG046816.D
Acq: 8 Oct 2020 15:27

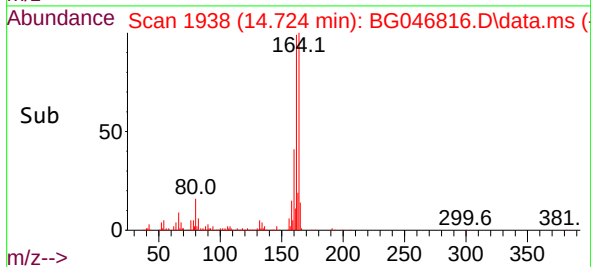
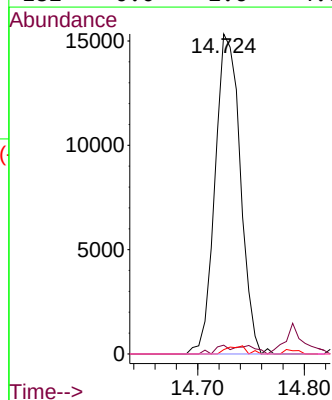
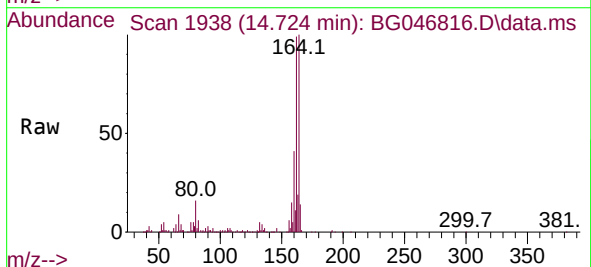
Instrument :
BNA_G
ClientSampleId :
B-6-MW-2

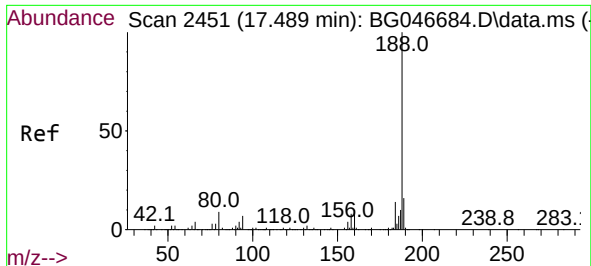
Tgt Ion:165 Resp: 25169
Ion Ratio Lower Upper
165 100
63 2.7 33.7 50.5#
89 1.3 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 7.95 ng
RT: 14.724 min Scan# 1938
Delta R.T. -0.358 min
Lab File: BG046816.D
Acq: 8 Oct 2020 15:27

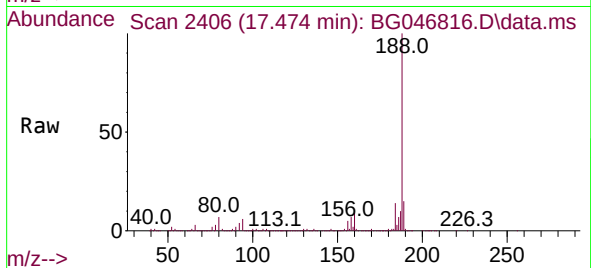
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Ion Ratio Lower Upper
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63 2.7 26.4 39.6#
89 1.3 47.8 71.8#
182 0.0 2.6 4.0#



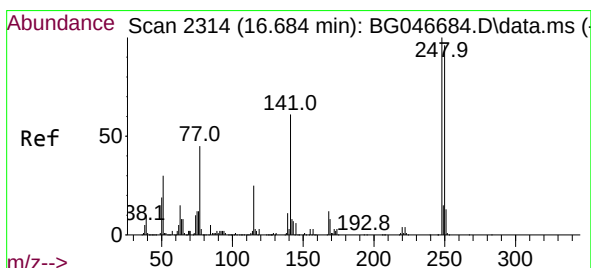
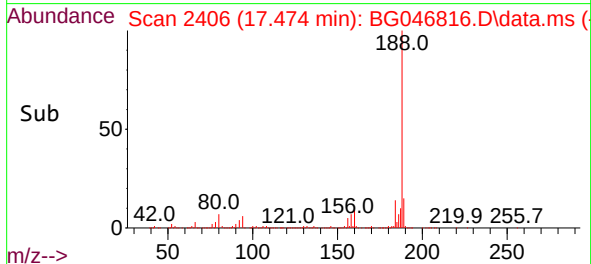
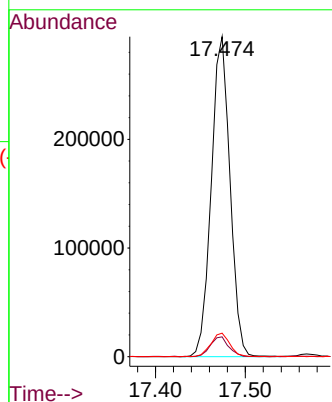


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.474 min Scan# 2406
Delta R.T. -0.005 min
Lab File: BG046816.D
Acq: 8 Oct 2020 15:27

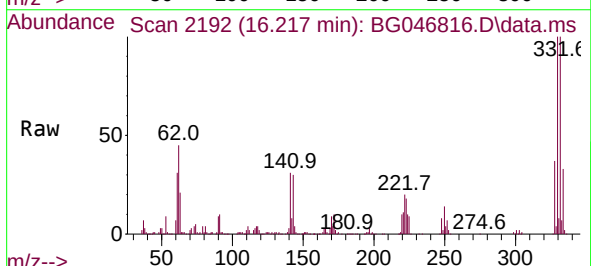
Instrument :
BNA_G
ClientSampleId :
B-6-MW-2



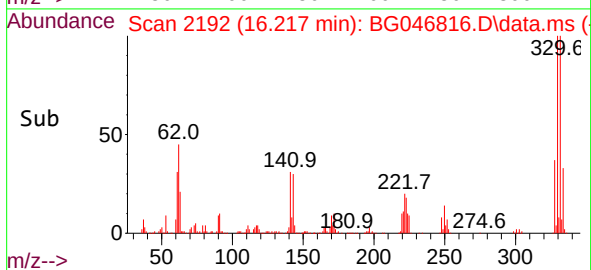
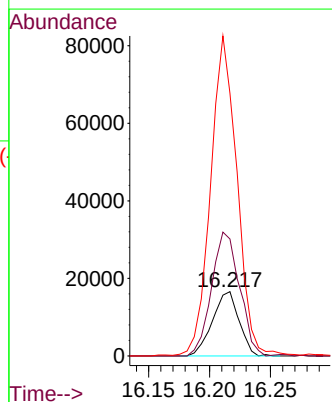
Tgt Ion:188 Resp: 426280
Ion Ratio Lower Upper
188 100
94 6.2 6.3 9.5#
80 7.3 7.0 10.6

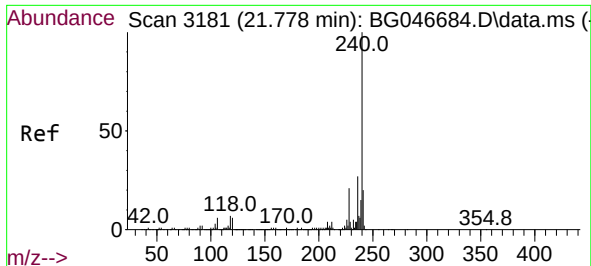


#67
4-Bromophenyl-phenylether
Concen: 4.67 ng
RT: 16.217 min Scan# 2192
Delta R.T. -0.446 min
Lab File: BG046816.D
Acq: 8 Oct 2020 15:27



Tgt Ion:248 Resp: 25141
Ion Ratio Lower Upper
248 100
250 186.9 78.9 118.3#
141 322.4 46.2 69.4#

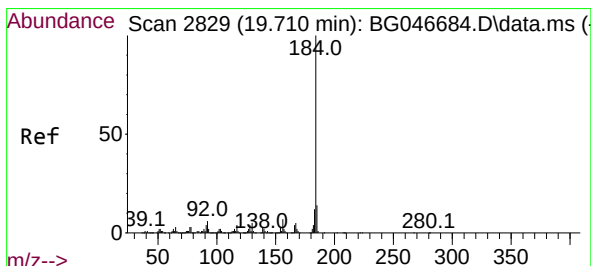
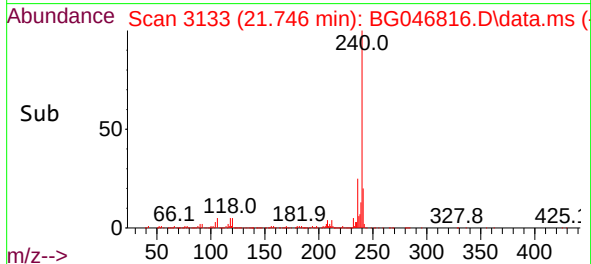
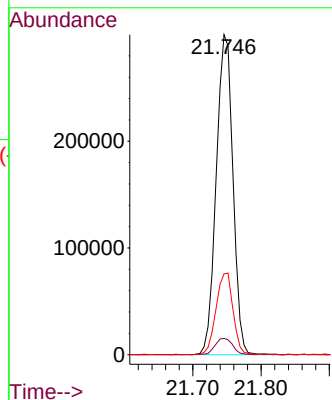
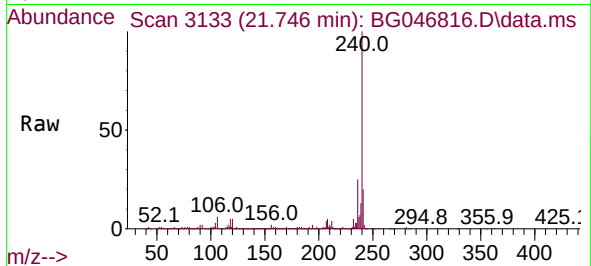




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.746 min Scan# 3133
Delta R.T. -0.011 min
Lab File: BG046816.D
Acq: 8 Oct 2020 15:27

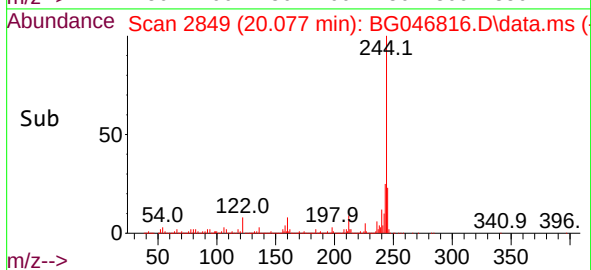
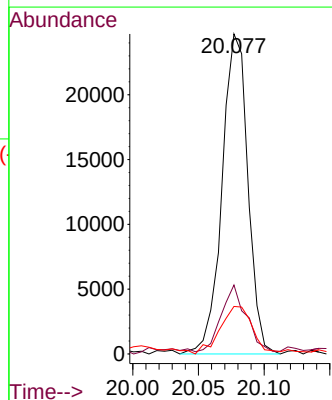
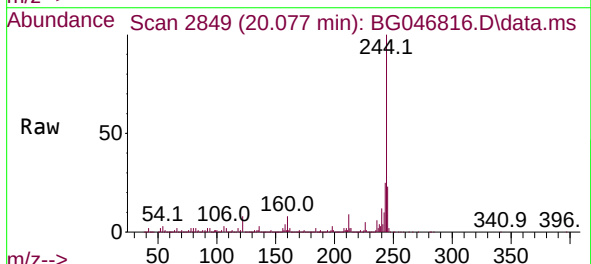
Instrument :
BNA_G
ClientSampleId :
B-6-MW-2

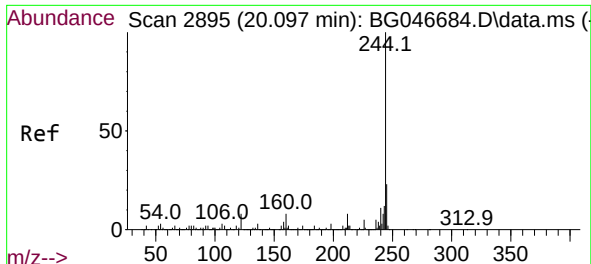
Tgt Ion:240 Resp: 510608
Ion Ratio Lower Upper
240 100
120 5.1 6.2 9.4#
236 25.2 20.5 30.7



#77
Benzidine
Concen: 2.15 ng
RT: 20.077 min Scan# 2849
Delta R.T. 0.377 min
Lab File: BG046816.D
Acq: 8 Oct 2020 15:27

Tgt Ion:184 Resp: 33821
Ion Ratio Lower Upper
184 100
185 21.5 12.4 18.6#
183 14.8 10.6 15.8

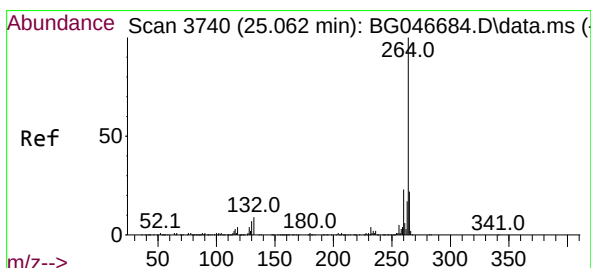
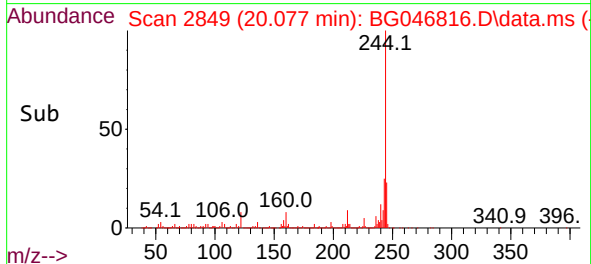
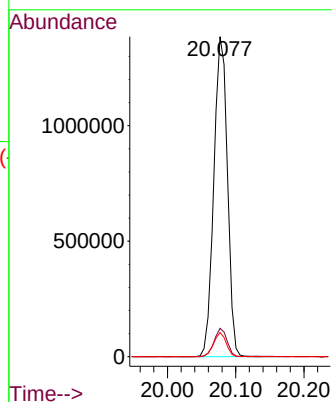
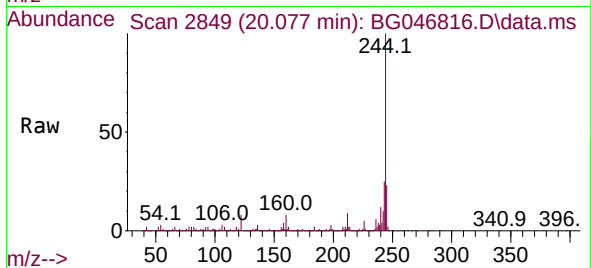




#79
 Terphenyl-d14
 Concen: 75.41 ng
 RT: 20.077 min Scan# 2849
 Delta R.T. -0.005 min
 Lab File: BG046816.D
 Acq: 8 Oct 2020 15:27

Instrument :
 BNA_G
 ClientSampleId :
 B-6-MW-2

Tgt Ion:244 Resp: 1921179
 Ion Ratio Lower Upper
 244 100
 212 8.8 6.7 10.1
 122 7.5 7.8 11.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.018 min Scan# 3690
 Delta R.T. -0.011 min
 Lab File: BG046816.D
 Acq: 8 Oct 2020 15:27

Tgt Ion:264 Resp: 548815
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.8 28.2
 265 22.6 17.8 26.8

