

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100820\
 Data File : BG046824.D
 Acq On : 8 Oct 2020 20:50
 Operator : CG/JU
 Sample : L4291-13
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Quant Time: Oct 09 01:12:22 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)

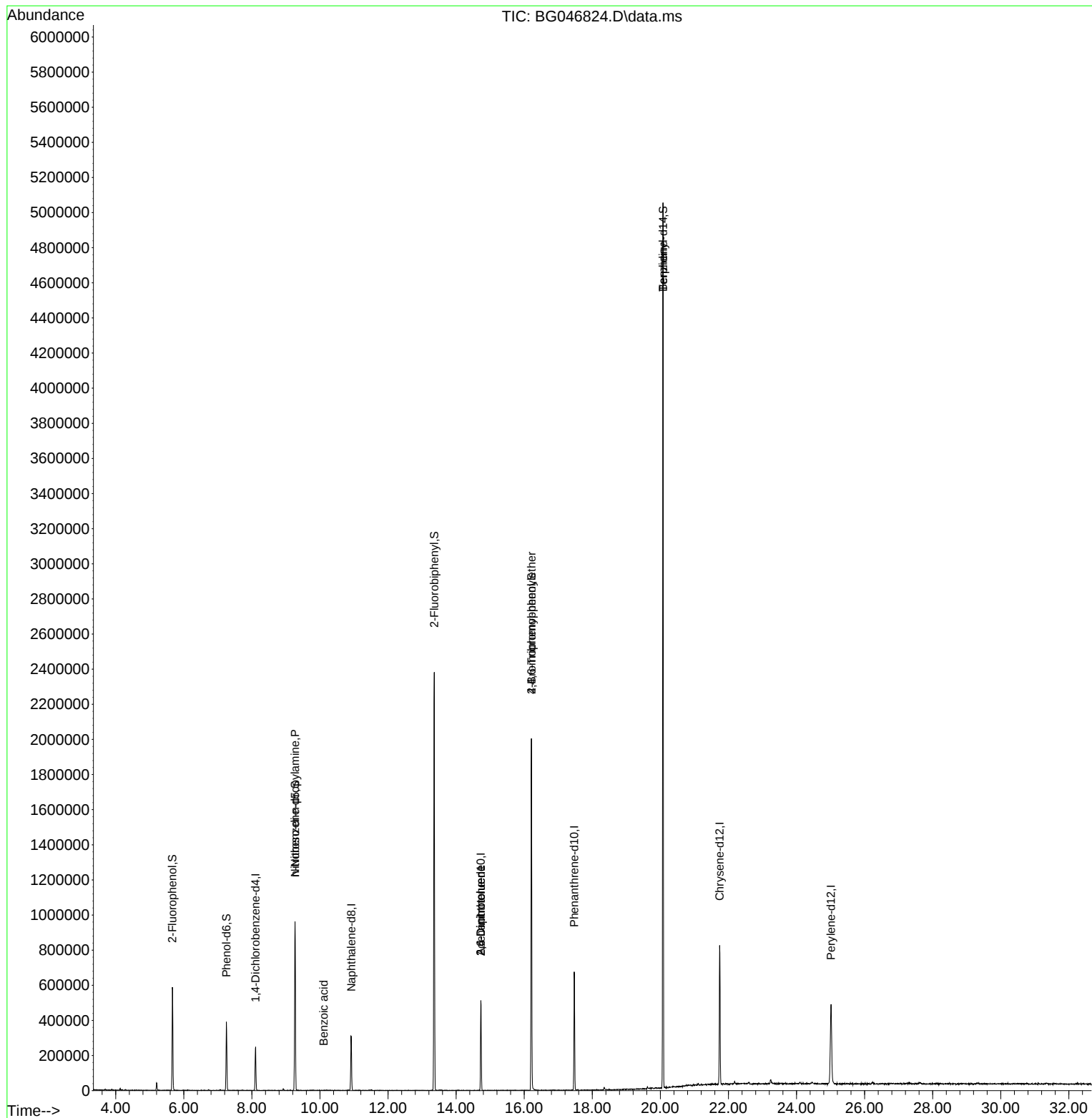
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.111	152	68826	20.00	ng	0.00
21) Naphthalene-d8	10.919	136	256139	20.00	ng	0.00
39) Acenaphthene-d10	14.727	164	182970	20.00	ng	0.00
64) Phenanthrene-d10	17.470	188	429692	20.00	ng	# 0.00
76) Chrysene-d12	21.742	240	502732	20.00	ng	#-0.01
86) Perylene-d12	25.015	264	520214	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.667	112	246415	57.36	ng	0.00
7) Phenol-d6	7.253	99	208335	34.38	ng	0.00
23) Nitrobenzene-d5	9.268	82	566708	117.71	ng	0.00
42) 2,4,6-Tribromophenol	16.213	330	394195	163.39	ng	0.00
45) 2-Fluorobiphenyl	13.358	172	1241811	96.08	ng	0.00
79) Terphenyl-d14	20.079	244	2175442	86.73	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.259	77	611	Below Cal	#	16
19) n-Nitroso-di-n-propyla...	9.268	70	80997	19.49	ng	# 77
32) Benzoic acid	10.114	122	93	6.37	ng	# 33
51) 2,6-Dinitrotoluene	14.727	165	23766	10.01	ng	# 33
57) 2,4-Dinitrotoluene	14.727	165	23766	7.56	ng	# 31
67) 4-Bromophenyl-phenylether	16.213	248	26609	4.90	ng	# 1
77) Benzidine	20.079	184	39019	2.52	ng	# 92

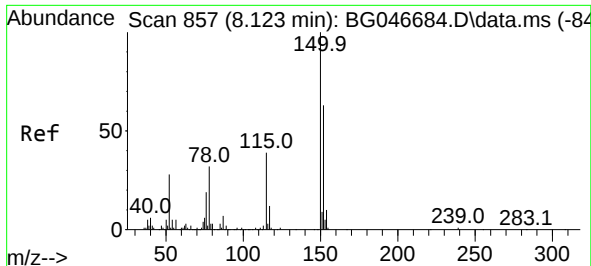
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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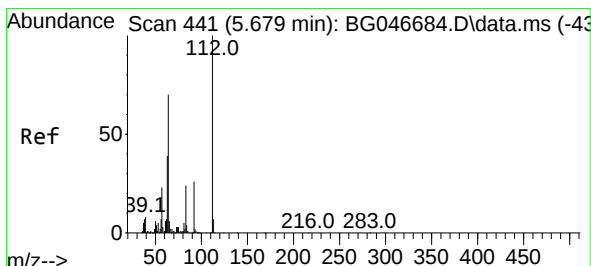
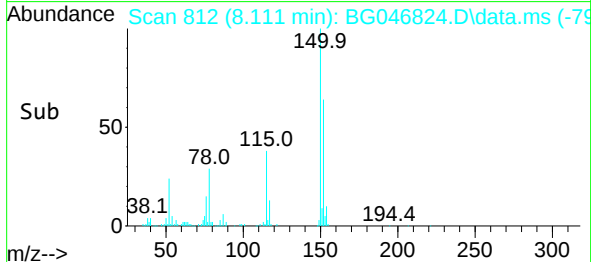
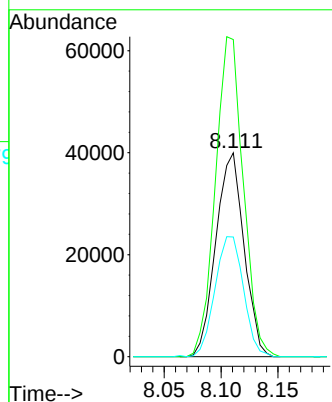
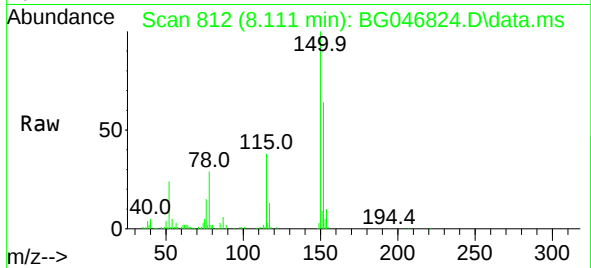




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.111 min Scan# 812
Delta R.T. 0.003 min
Lab File: BG046824.D
Acq: 8 Oct 2020 20:50

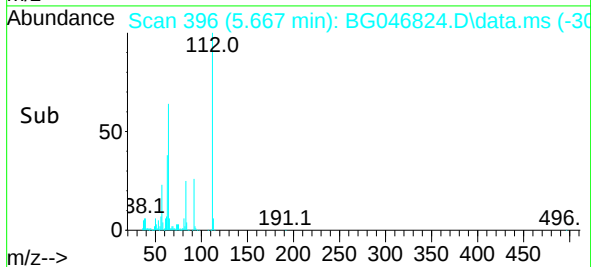
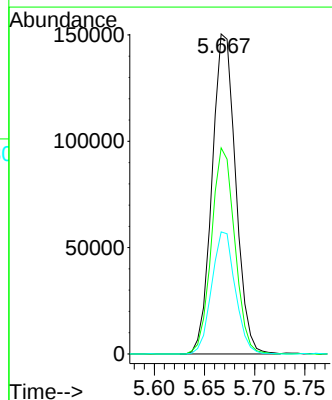
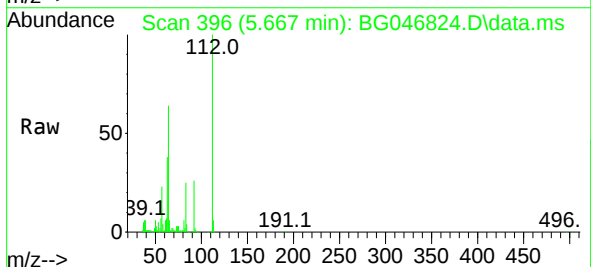
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BNA_G
ClientSampleId :
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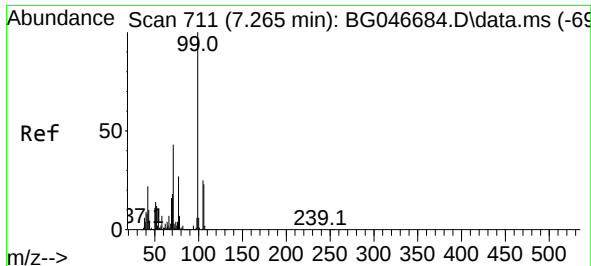
Tgt Ion:152 Resp: 68826
Ion Ratio Lower Upper
152 100
150 155.6 125.0 187.6
115 58.7 41.8 62.6



#5
2-Fluorophenol
Concen: 57.36 ng
RT: 5.667 min Scan# 396
Delta R.T. -0.003 min
Lab File: BG046824.D
Acq: 8 Oct 2020 20:50

Tgt Ion:112 Resp: 246415
Ion Ratio Lower Upper
112 100
64 64.4 46.7 70.1
63 38.1 22.8 34.2#

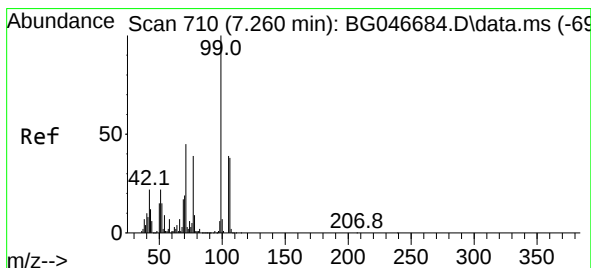
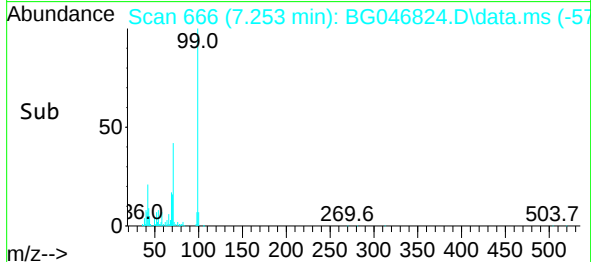
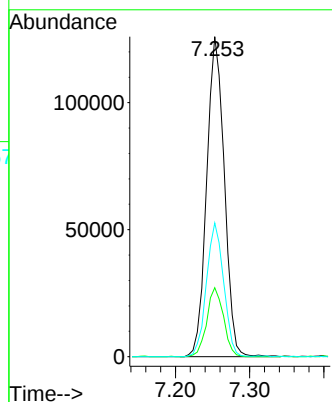
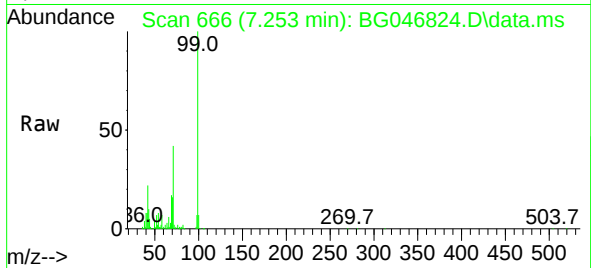




#7
Phenol-d6
Concen: 34.38 ng
RT: 7.253 min Scan# 666
Delta R.T. -0.003 min
Lab File: BG046824.D
Acq: 8 Oct 2020 20:50

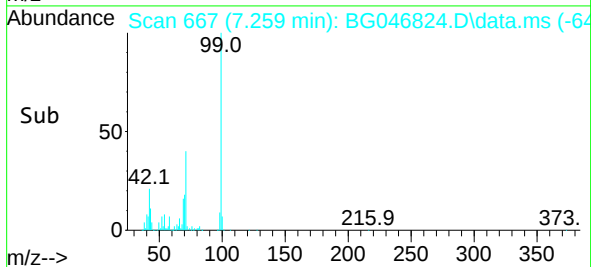
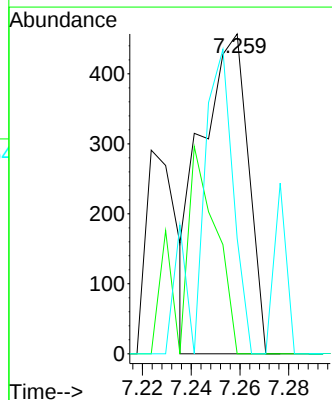
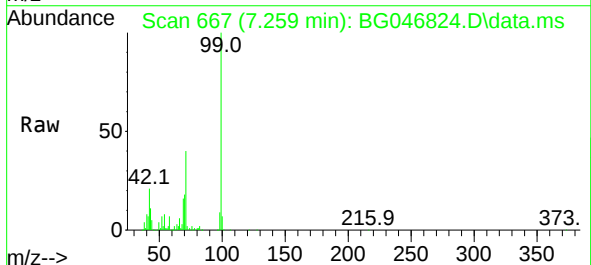
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BNA_G
ClientSampleId :
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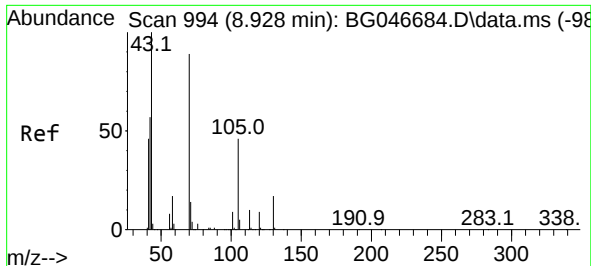
Tgt Ion: 99 Resp: 208335
Ion Ratio Lower Upper
99 100
42 21.5 12.8 19.2#
71 41.8 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.259 min Scan# 667
Delta R.T. 0.015 min
Lab File: BG046824.D
Acq: 8 Oct 2020 20:50

Tgt Ion: 77 Resp: 611
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 36.1 80.9 120.9#

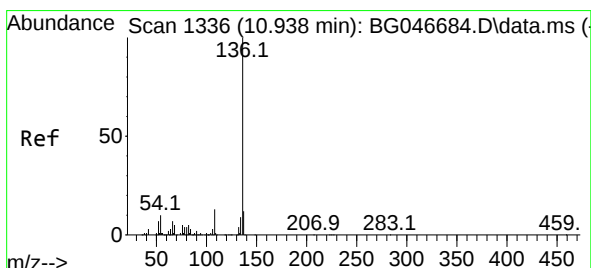
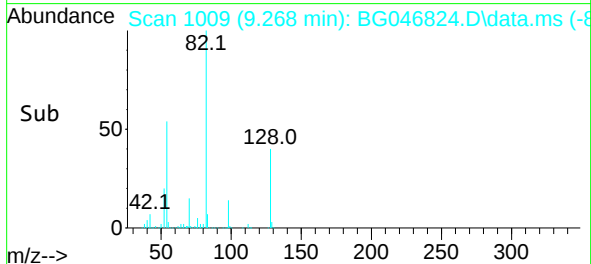
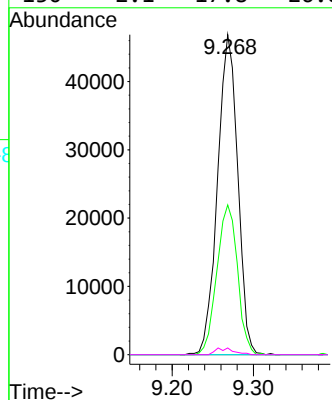
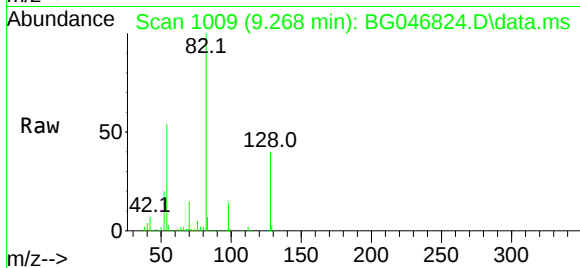




#19
n-Nitroso-di-n-propylamine
Concen: 19.49 ng
RT: 9.268 min Scan# 1009
Delta R.T. 0.355 min
Lab File: BG046824.D
Acq: 8 Oct 2020 20:50

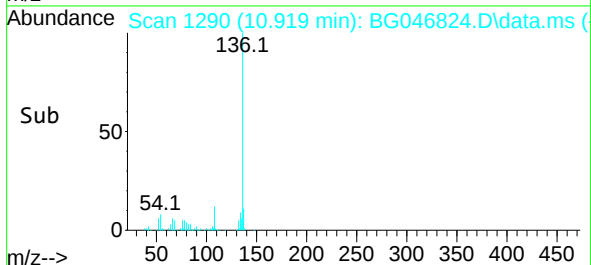
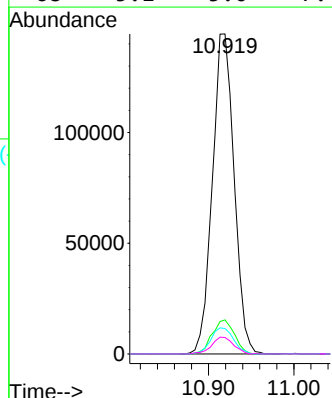
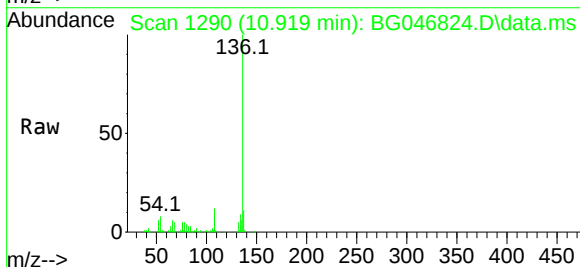
Instrument :
BNA_G
ClientSampleId :
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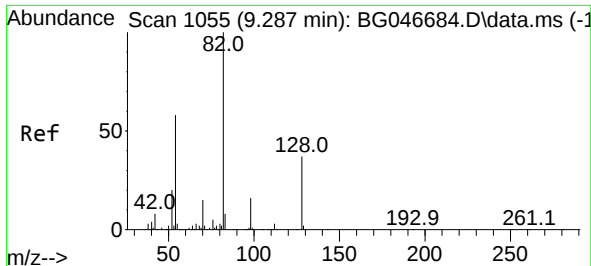
Tgt Ion:	70	Resp:	80997
Ion	Ratio	Lower	Upper
70	100		
42	46.8	45.6	68.4
101	0.0	8.4	12.6#
130	2.1	17.8	26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.919 min Scan# 1290
Delta R.T. -0.003 min
Lab File: BG046824.D
Acq: 8 Oct 2020 20:50

Tgt Ion:	136	Resp:	256139
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	7.9	6.2	9.4
68	5.1	5.0	7.4

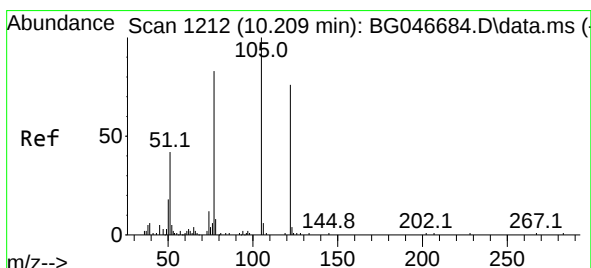
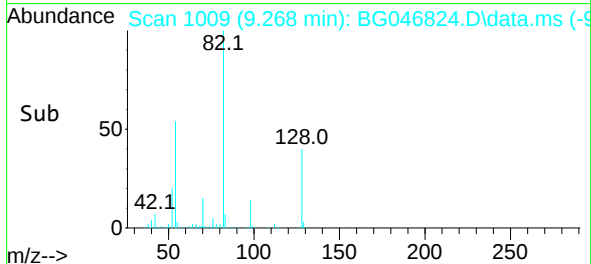
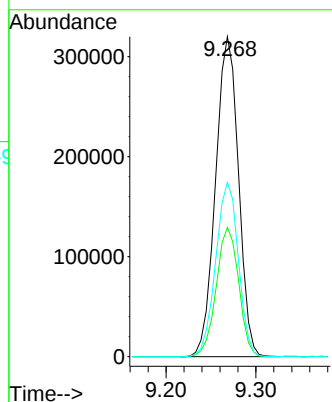
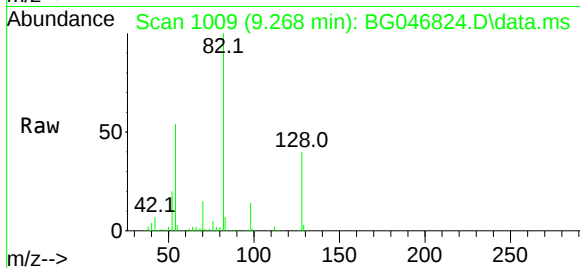




#23
Nitrobenzene-d5
Concen: 117.71 ng
RT: 9.268 min Scan# 1009
Delta R.T. -0.003 min
Lab File: BG046824.D
Acq: 8 Oct 2020 20:50

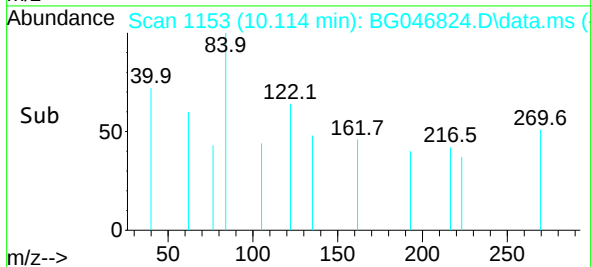
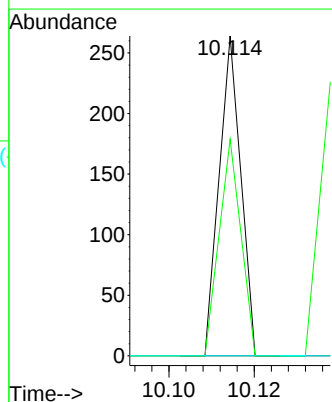
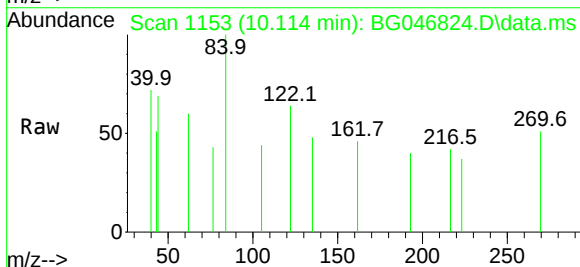
Instrument :
BNA_G
ClientSampleId :
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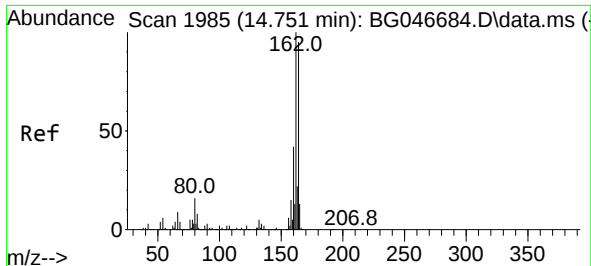
Tgt Ion: 82 Resp: 566708
Ion Ratio Lower Upper
82 100
128 40.4 37.0 55.6
54 54.5 39.0 58.4



#32
Benzoic acid
Concen: 6.37 ng
RT: 10.114 min Scan# 1153
Delta R.T. -0.079 min
Lab File: BG046824.D
Acq: 8 Oct 2020 20:50

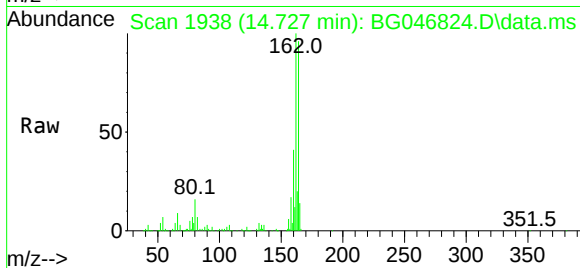
Tgt Ion:122 Resp: 93
Ion Ratio Lower Upper
122 100
105 67.8 103.7 143.7#
77 0.0 63.0 103.0#



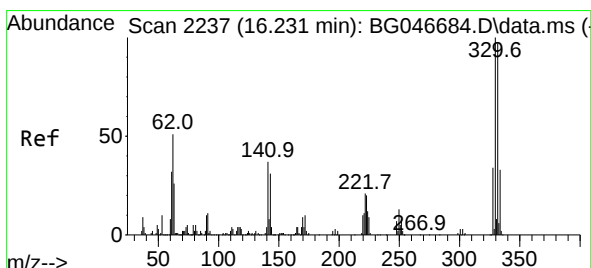
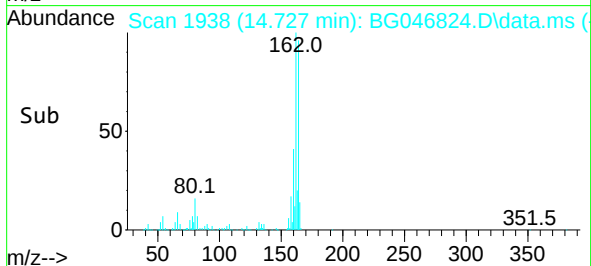
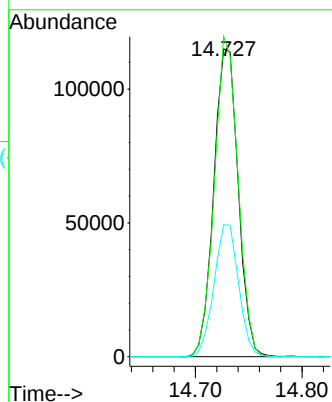


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.727 min Scan# 1938
Delta R.T. -0.009 min
Lab File: BG046824.D
Acq: 8 Oct 2020 20:50

Instrument :
BNA_G
ClientSampleId :
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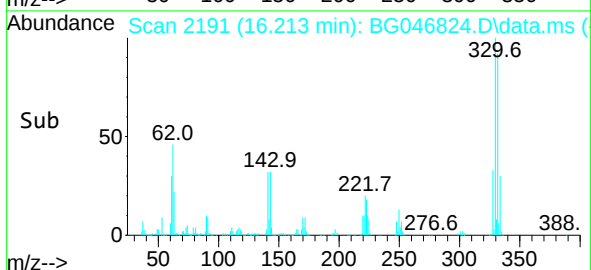
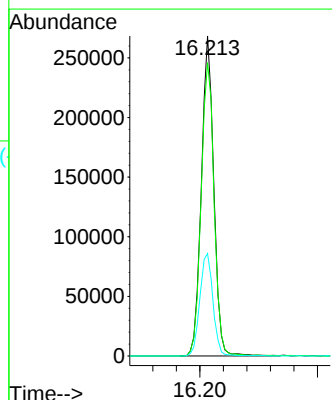
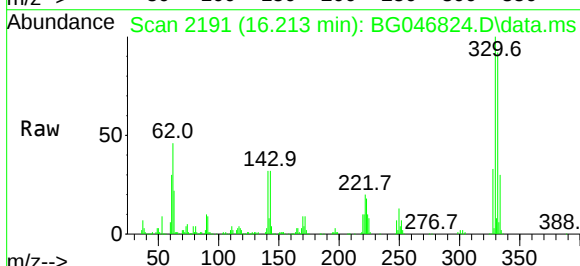


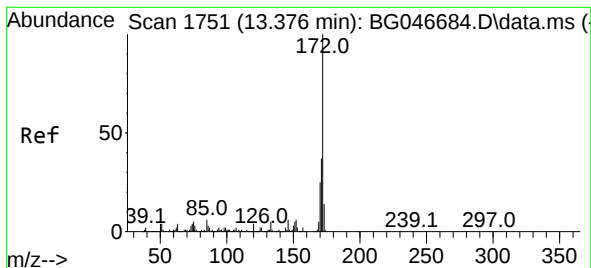
Tgt Ion:164 Resp: 182970
Ion Ratio Lower Upper
164 100
162 103.9 82.3 123.5
160 42.8 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 163.39 ng
RT: 16.213 min Scan# 2191
Delta R.T. -0.003 min
Lab File: BG046824.D
Acq: 8 Oct 2020 20:50

Tgt Ion:330 Resp: 394195
Ion Ratio Lower Upper
330 100
332 95.0 76.5 114.7
141 33.6 26.0 39.0

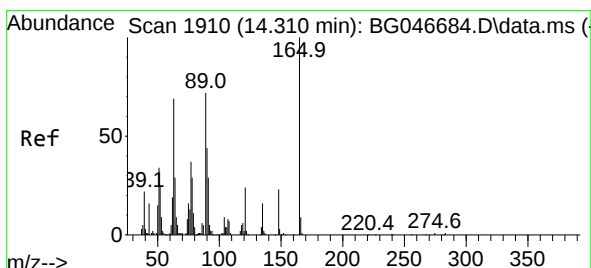
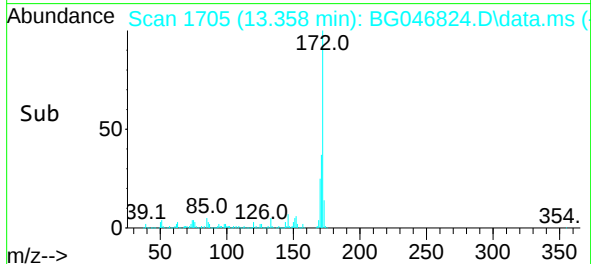
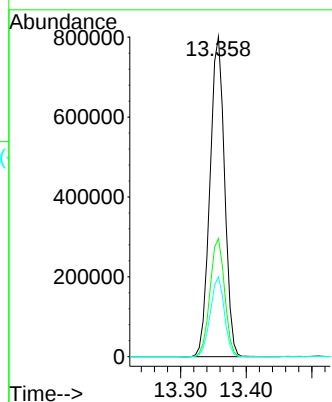
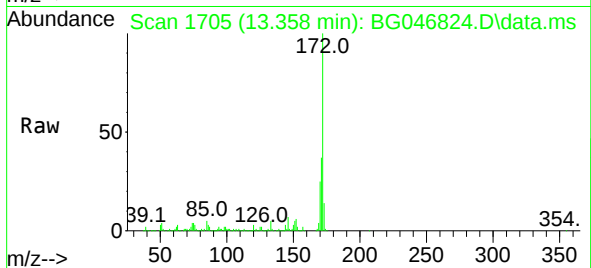




#45
2-Fluorobiphenyl
Concen: 96.08 ng
RT: 13.358 min Scan# 1705
Delta R.T. -0.003 min
Lab File: BG046824.D
Acq: 8 Oct 2020 20:50

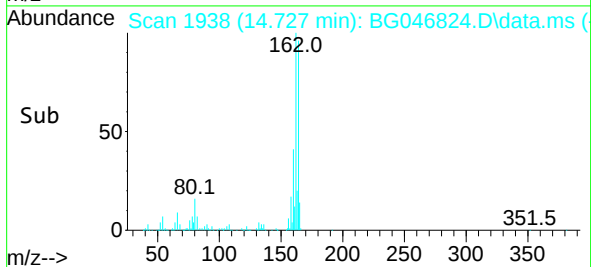
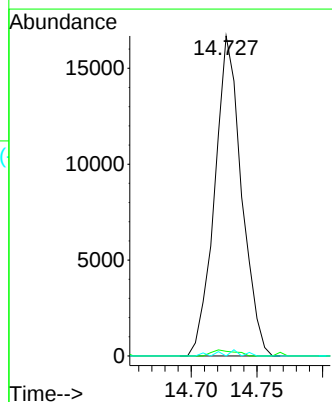
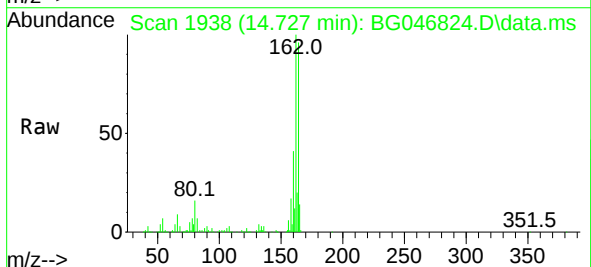
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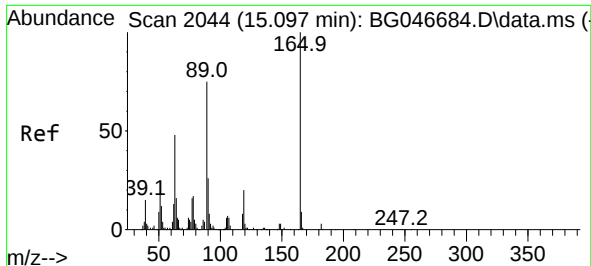
Tgt Ion:172 Resp: 1241811
Ion Ratio Lower Upper
172 100
171 36.9 31.3 46.9
170 25.0 20.8 31.2



#51
2,6-Dinitrotoluene
Concen: 10.01 ng
RT: 14.727 min Scan# 1938
Delta R.T. 0.426 min
Lab File: BG046824.D
Acq: 8 Oct 2020 20:50

Tgt Ion:165 Resp: 23766
Ion Ratio Lower Upper
165 100
63 1.5 33.7 50.5#
89 0.0 36.6 54.8#

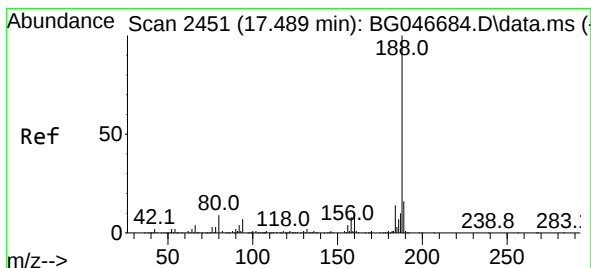
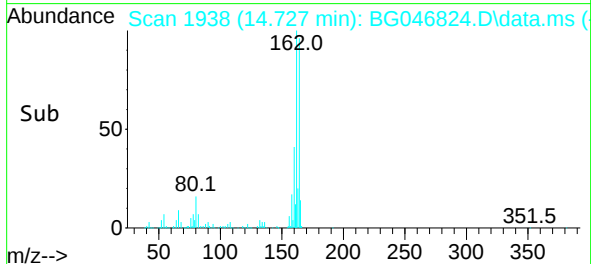
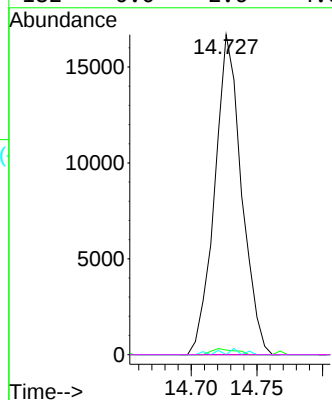
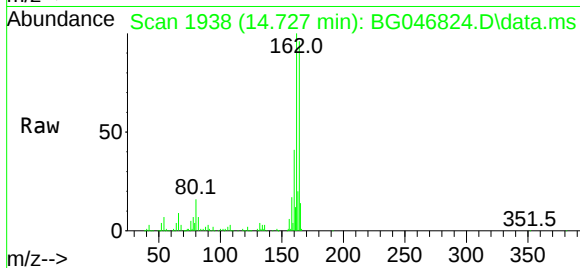




#57
2,4-Dinitrotoluene
Concen: 7.56 ng
RT: 14.727 min Scan# 1938
Delta R.T. -0.355 min
Lab File: BG046824.D
Acq: 8 Oct 2020 20:50

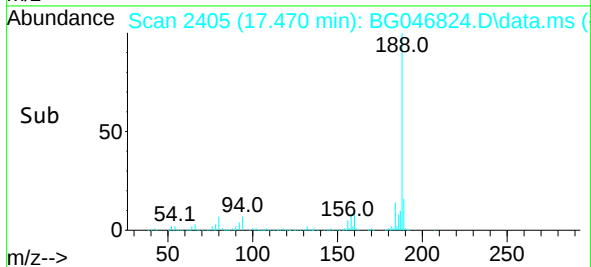
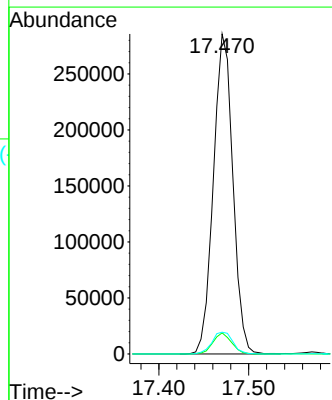
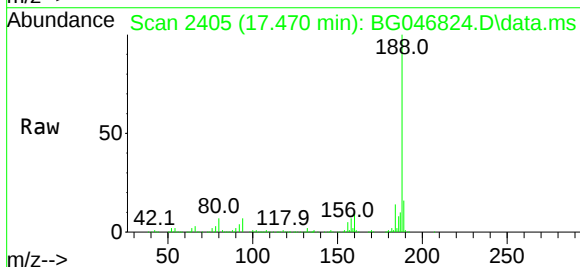
Instrument :
BNA_G
ClientSampleId :
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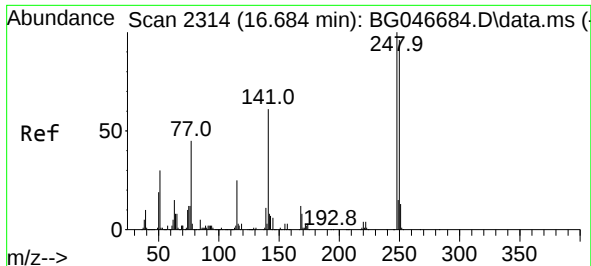
Tgt Ion:	165	Resp:	23766
Ion Ratio	Lower	Upper	
165	100		
63	1.5	26.4	39.6#
89	0.0	47.8	71.8#
182	0.0	2.6	4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.470 min Scan# 2405
Delta R.T. -0.009 min
Lab File: BG046824.D
Acq: 8 Oct 2020 20:50

Tgt Ion:	188	Resp:	429692
Ion Ratio	Lower	Upper	
188	100		
94	6.6	6.3	9.5
80	6.8	7.0	10.6#

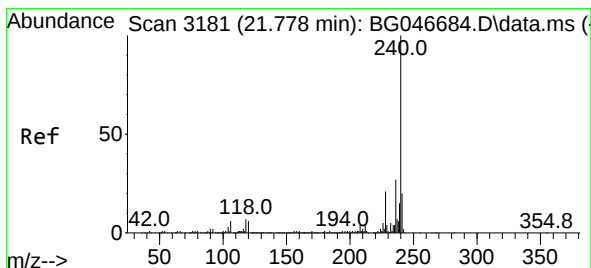
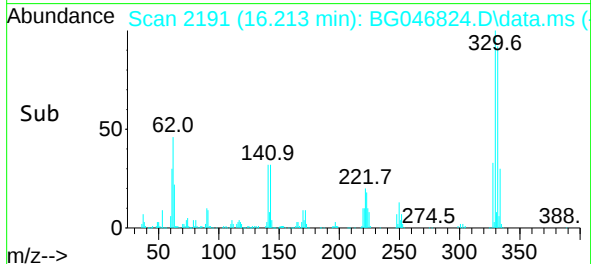
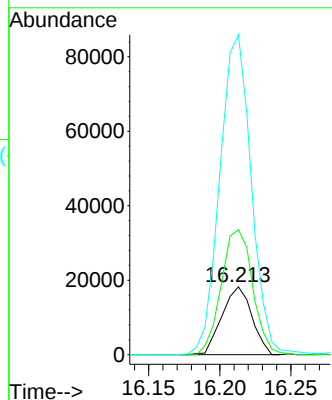
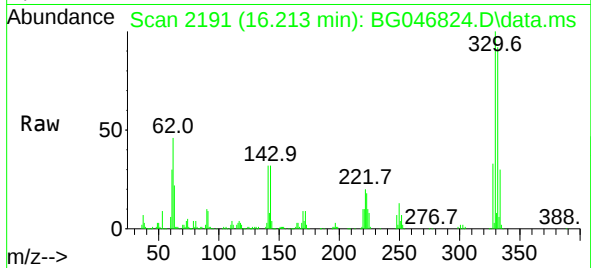




#67
4-Bromophenyl-phenylether
Concen: 4.90 ng
RT: 16.213 min Scan# 2191
Delta R.T. -0.449 min
Lab File: BG046824.D
Acq: 8 Oct 2020 20:50

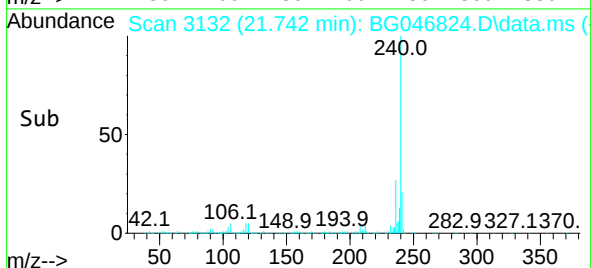
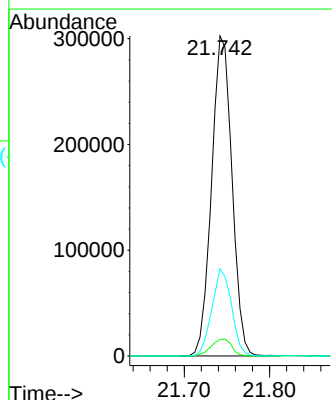
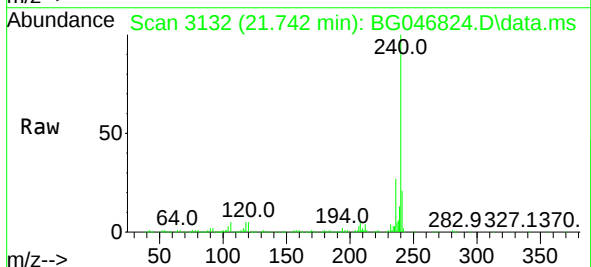
Instrument :
BNA_G
ClientSampled :
FIELD-BLANK

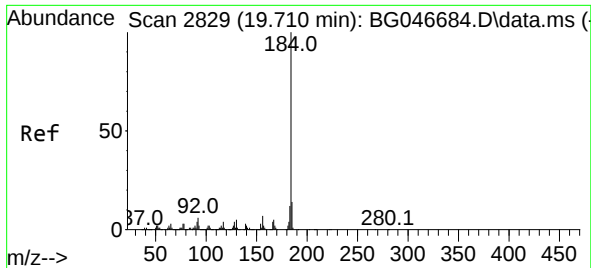
Tgt Ion:248 Resp: 26609
Ion Ratio Lower Upper
248 100
250 181.6 78.9 118.3#
141 355.6 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.742 min Scan# 3132
Delta R.T. -0.015 min
Lab File: BG046824.D
Acq: 8 Oct 2020 20:50

Tgt Ion:240 Resp: 502732
Ion Ratio Lower Upper
240 100
120 5.2 6.2 9.4#
236 27.2 20.5 30.7

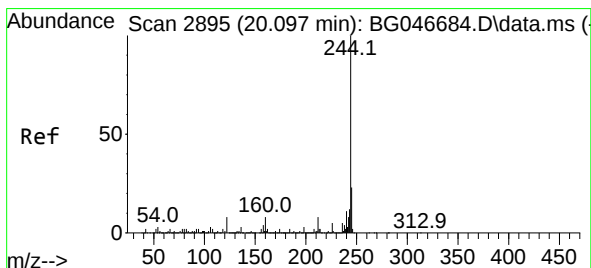
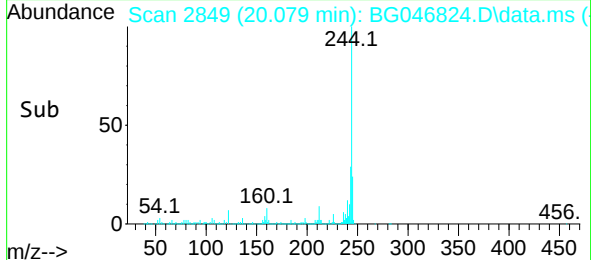
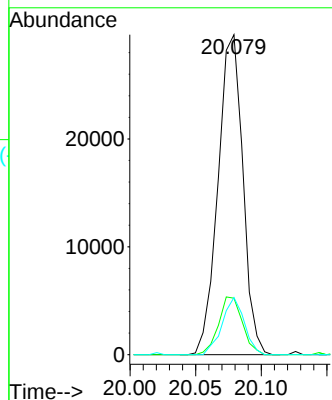
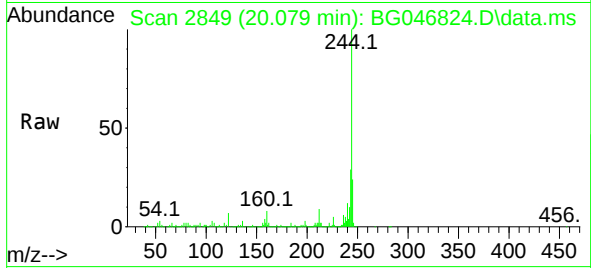




#77
Benzidine
Concen: 2.52 ng
RT: 20.079 min Scan# 2849
Delta R.T. 0.379 min
Lab File: BG046824.D
Acq: 8 Oct 2020 20:50

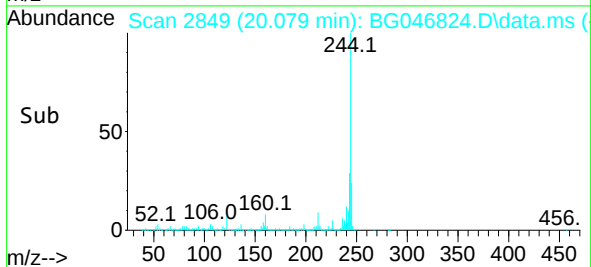
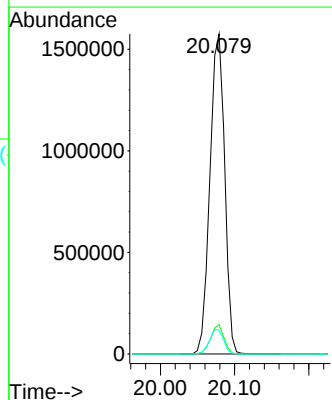
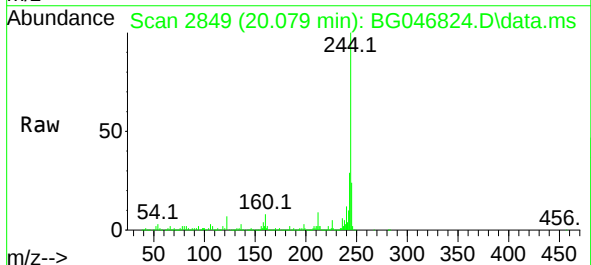
Instrument :
BNA_G
ClientSampleId :
FIELD-BLANK

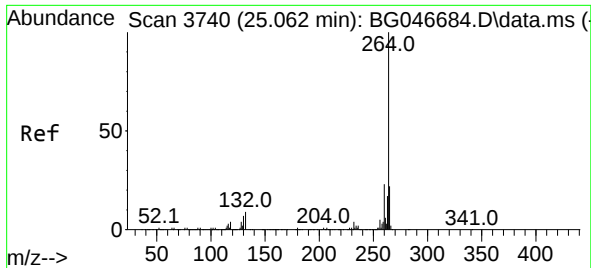
Tgt Ion:184 Resp: 39019
Ion Ratio Lower Upper
184 100
185 17.7 12.4 18.6
183 17.8 10.6 15.8#



#79
Terphenyl-d14
Concen: 86.73 ng
RT: 20.079 min Scan# 2849
Delta R.T. -0.003 min
Lab File: BG046824.D
Acq: 8 Oct 2020 20:50

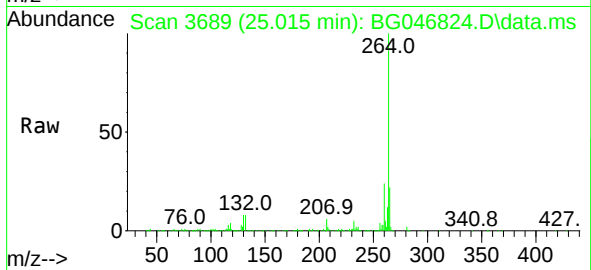
Tgt Ion:244 Resp: 2175442
Ion Ratio Lower Upper
244 100
212 9.1 6.7 10.1
122 7.5 7.8 11.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.015 min Scan# 3689
 Delta R.T. -0.015 min
 Lab File: BG046824.D
 Acq: 8 Oct 2020 20:50

Instrument :
 BNA_G
 ClientSampleId :
 FIELD-BLANK



Tgt Ion:264	Resp:	520214
Ion	Ratio	Lower Upper
264	100	
260	24.1	18.8 28.2
265	21.8	17.8 26.8

