

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101220\
 Data File : BG046842.D
 Acq On : 12 Oct 2020 10:37
 Operator : CG/JU
 Sample : PB132277BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB132277BL

Quant Time: Oct 12 12:42:13 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)

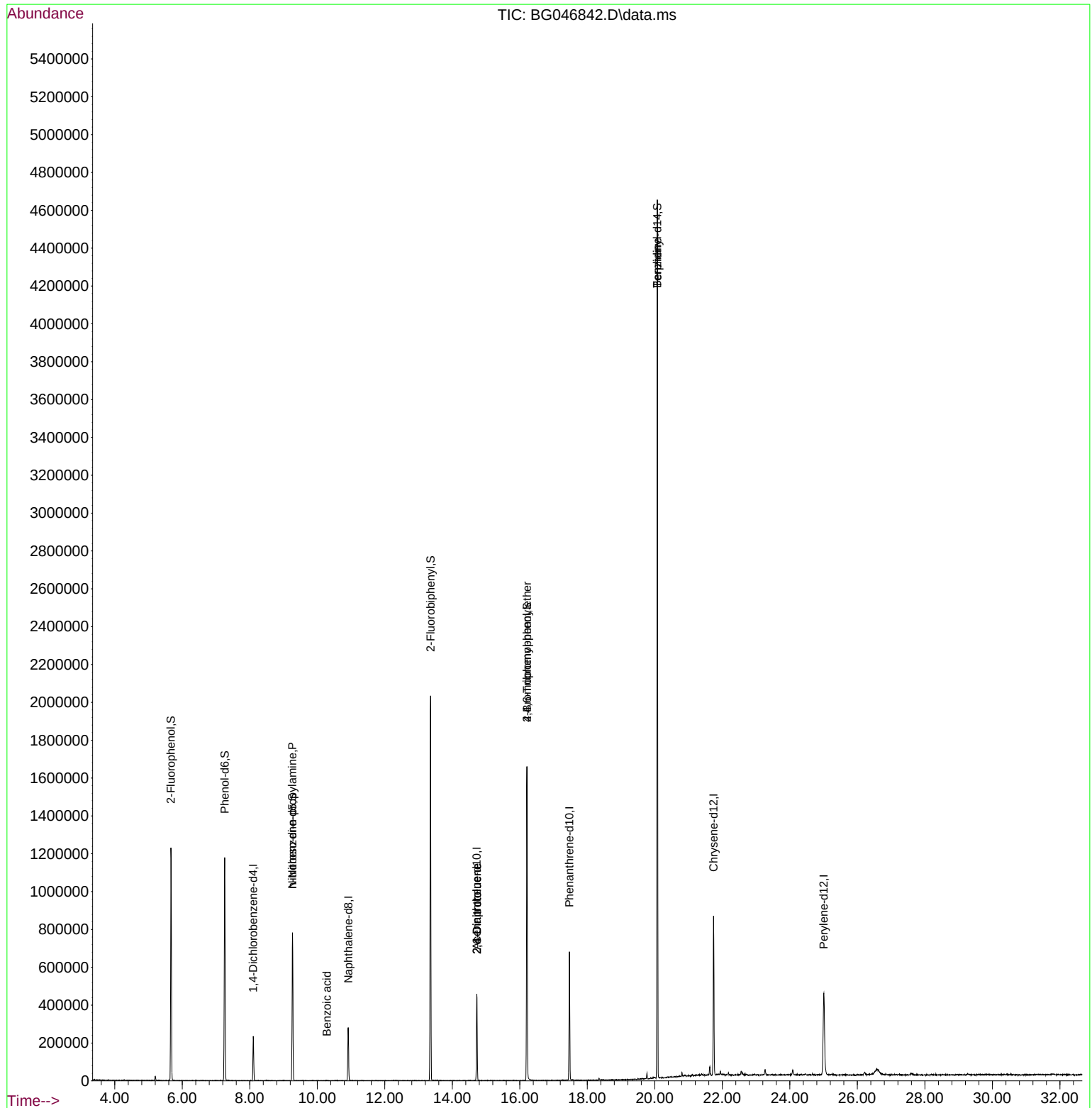
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.103	152	61230	20.00	ng	# 0.00
21) Naphthalene-d8	10.918	136	238092	20.00	ng	# 0.00
39) Acenaphthene-d10	14.725	164	167884	20.00	ng	-0.01
64) Phenanthrene-d10	17.469	188	431593	20.00	ng	-0.01
76) Chrysene-d12	21.740	240	518909	20.00	ng	#-0.02
86) Perylene-d12	25.007	264	507010	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.665	112	506880	132.62	ng	0.00
7) Phenol-d6	7.257	99	641404	118.97	ng	0.00
23) Nitrobenzene-d5	9.267	82	458666	102.49	ng	0.00
42) 2,4,6-Tribromophenol	16.211	330	319714	144.43	ng	0.00
45) 2-Fluorobiphenyl	13.356	172	1065029	89.81	ng	0.00
79) Terphenyl-d14	20.072	244	2076509	80.20	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	7.251	77	1240	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.267	70	66344	17.95	ng	# 77
32) Benzoic acid	10.283	122	121	6.39	ng	# 1
51) 2,6-Dinitrotoluene	14.731	165	22133	10.16	ng	# 34
57) 2,4-Dinitrotoluene	14.731	165	22133	7.67	ng	# 32
67) 4-Bromophenyl-phenylether	16.211	248	22578	4.14	ng	# 1
77) Benzidine	20.072	184	38371	2.40	ng	96

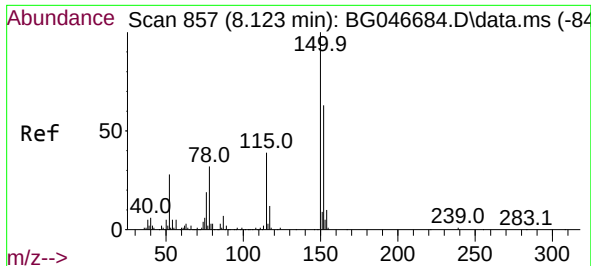
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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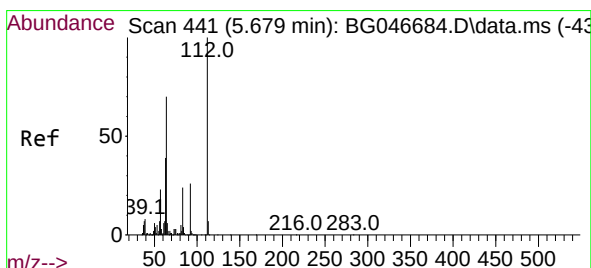
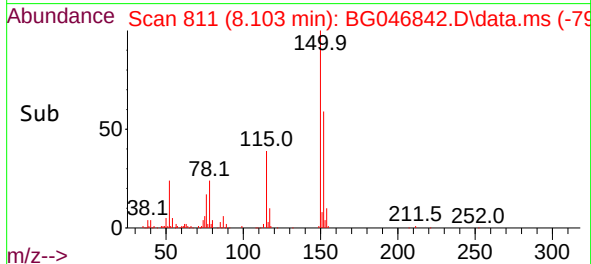
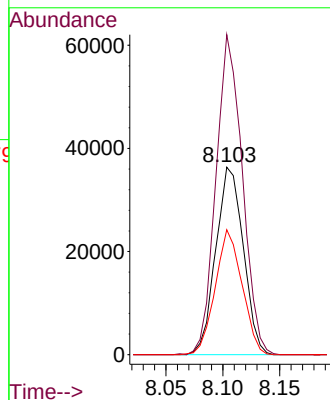
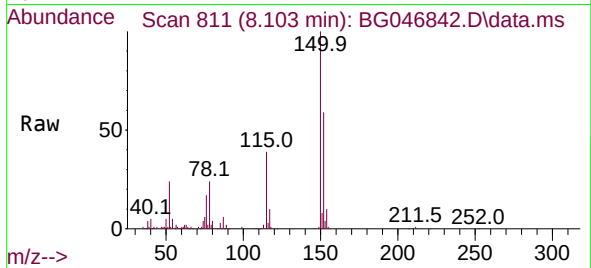




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.103 min Scan# 811
Delta R.T. -0.005 min
Lab File: BG046842.D
Acq: 12 Oct 2020 10:37

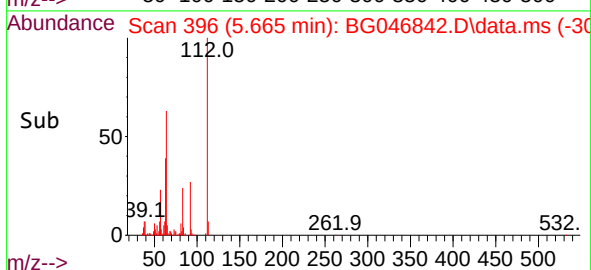
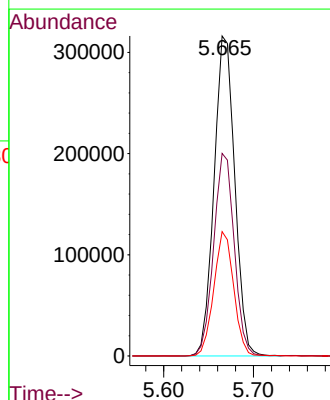
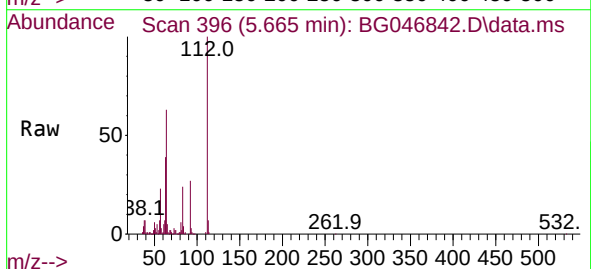
Instrument :
BNA_G
ClientSampleId :
PB132277BL

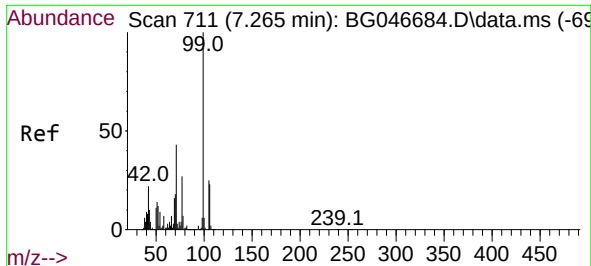
Tgt Ion:152 Resp: 61230
Ion Ratio Lower Upper
152 100
150 170.6 125.0 187.6
115 66.6 41.8 62.6#



#5
2-Fluorophenol
Concen: 132.62 ng
RT: 5.665 min Scan# 396
Delta R.T. -0.005 min
Lab File: BG046842.D
Acq: 12 Oct 2020 10:37

Tgt Ion:112 Resp: 506880
Ion Ratio Lower Upper
112 100
64 63.3 46.7 70.1
63 38.8 22.8 34.2#

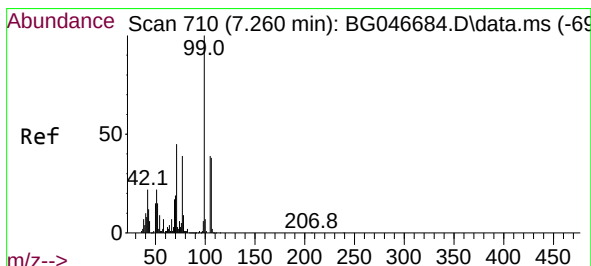
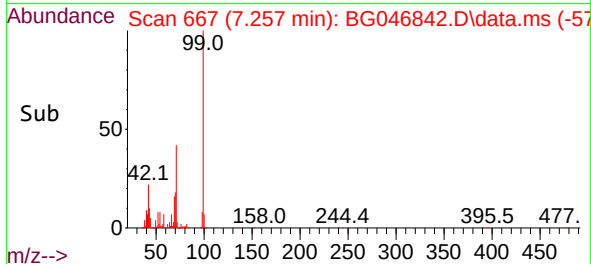
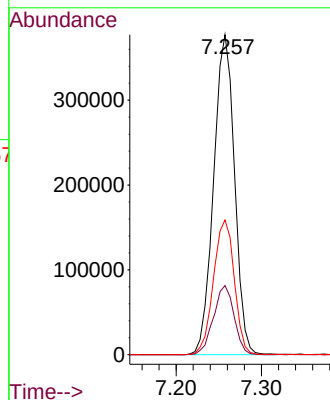
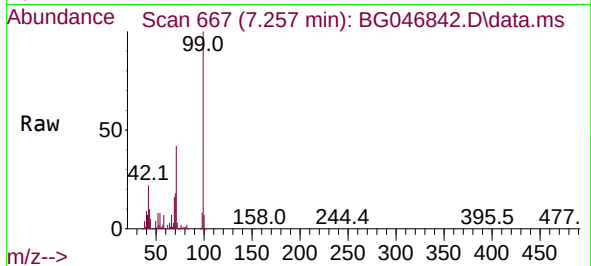




#7
Phenol-d6
Concen: 118.97 ng
RT: 7.257 min Scan# 667
Delta R.T. 0.001 min
Lab File: BG046842.D
Acq: 12 Oct 2020 10:37

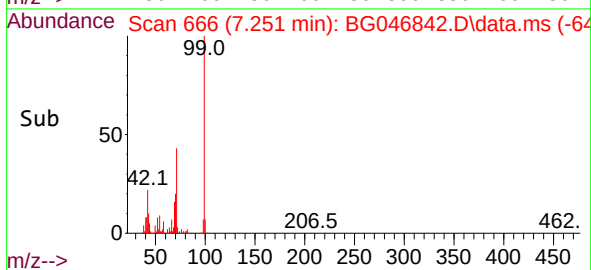
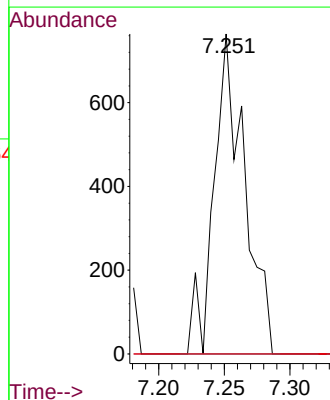
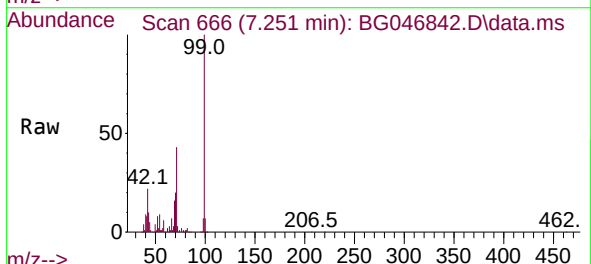
Instrument :
BNA_G
ClientSampleId :
PB132277BL

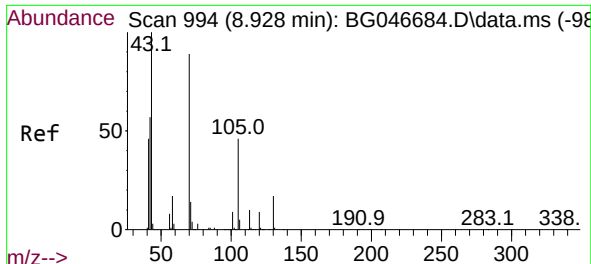
Tgt Ion: 99 Resp: 641404
Ion Ratio Lower Upper
99 100
42 21.6 12.8 19.2#
71 42.1 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.251 min Scan# 666
Delta R.T. 0.007 min
Lab File: BG046842.D
Acq: 12 Oct 2020 10:37

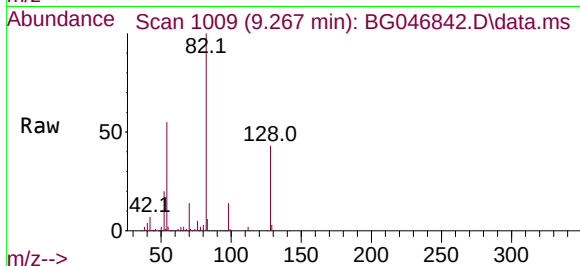
Tgt Ion: 77 Resp: 1240
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#



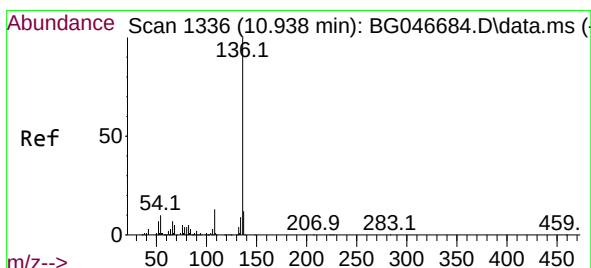
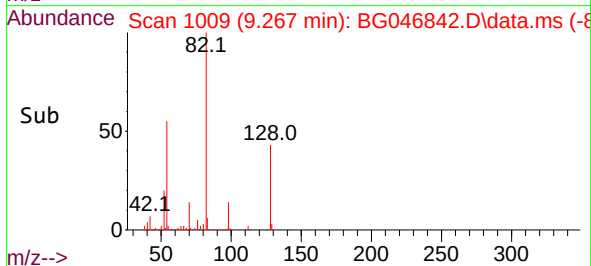
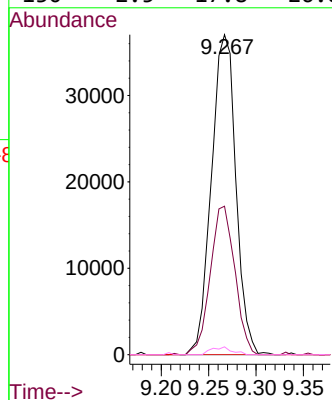


#19
n-Nitroso-di-n-propylamine
Concen: 17.95 ng
RT: 9.267 min Scan# 1009
Delta R.T. 0.354 min
Lab File: BG046842.D
Acq: 12 Oct 2020 10:37

Instrument :
BNA_G
ClientSampleId :
PB132277BL

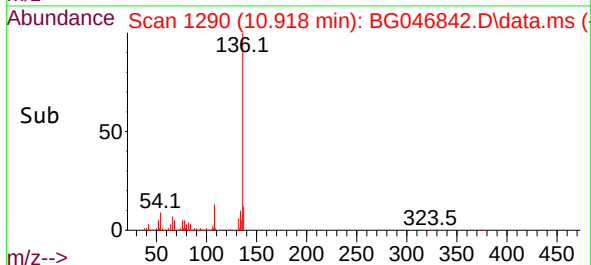
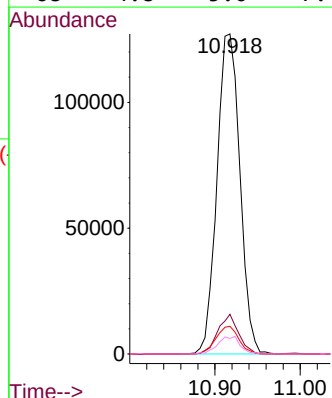
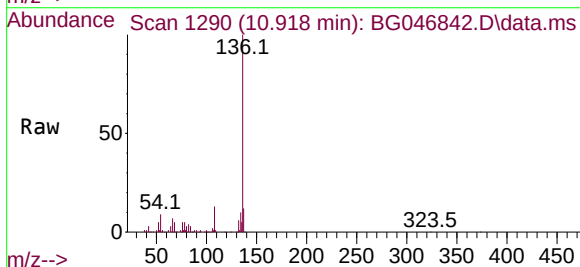


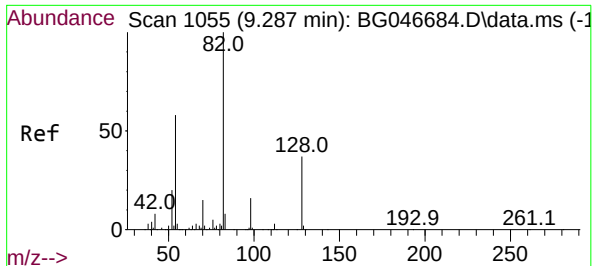
Tgt Ion: 70 Resp: 66344
Ion Ratio Lower Upper
70 100
42 46.4 45.6 68.4
101 0.0 8.4 12.6#
130 2.5 17.8 26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.918 min Scan# 1290
Delta R.T. -0.005 min
Lab File: BG046842.D
Acq: 12 Oct 2020 10:37

Tgt Ion: 136 Resp: 238092
Ion Ratio Lower Upper
136 100
137 12.4 9.1 13.7
54 8.7 6.2 9.4
68 4.8 5.0 7.4#

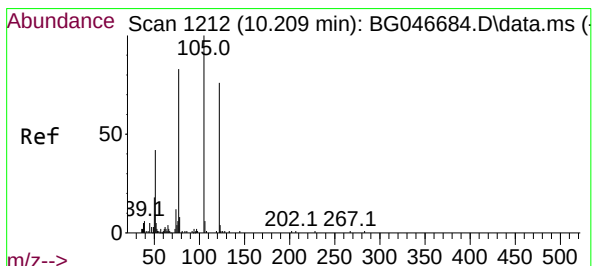
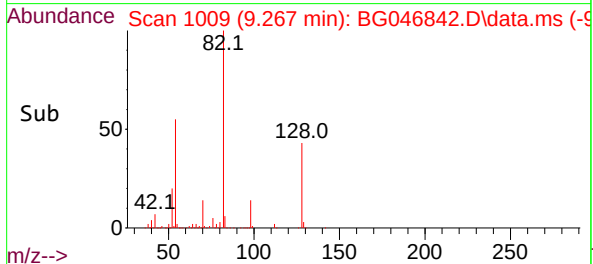
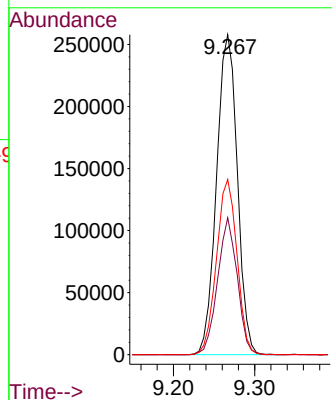
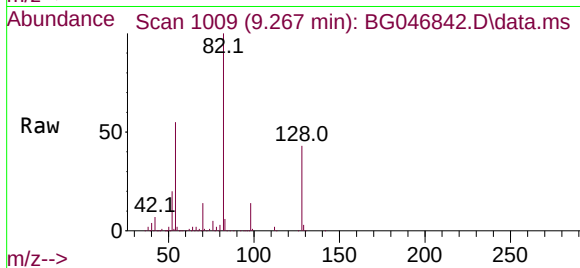




#23
Nitrobenzene-d5
Concen: 102.49 ng
RT: 9.267 min Scan# 1009
Delta R.T. -0.005 min
Lab File: BG046842.D
Acq: 12 Oct 2020 10:37

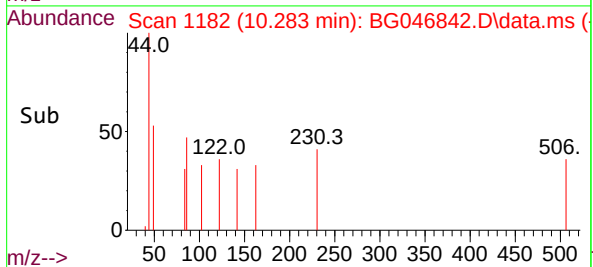
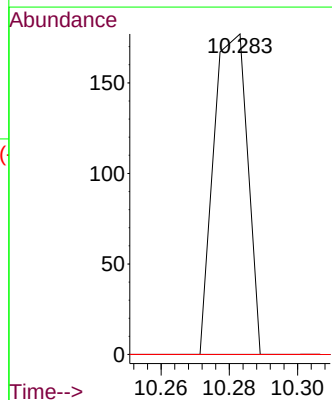
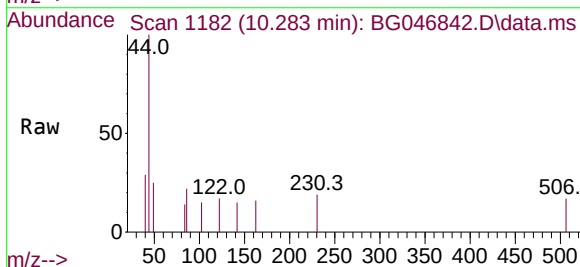
Instrument :
BNA_G
ClientSampleId :
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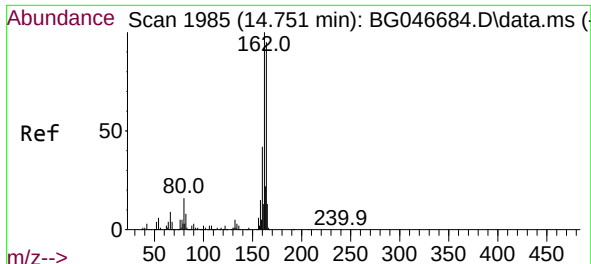
Tgt Ion: 82 Resp: 458666
Ion Ratio Lower Upper
82 100
128 42.8 37.0 55.6
54 54.7 39.0 58.4



#32
Benzoic acid
Concen: 6.39 ng
RT: 10.283 min Scan# 1182
Delta R.T. 0.090 min
Lab File: BG046842.D
Acq: 12 Oct 2020 10:37

Tgt Ion:122 Resp: 121
Ion Ratio Lower Upper
122 100
105 0.0 103.7 143.7#
77 0.0 63.0 103.0#

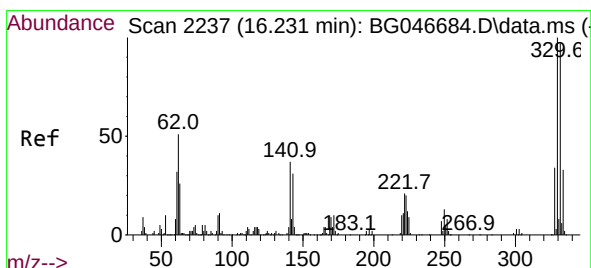
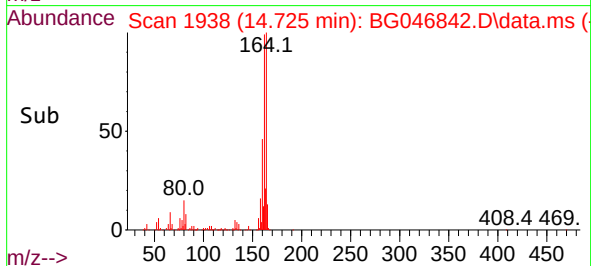
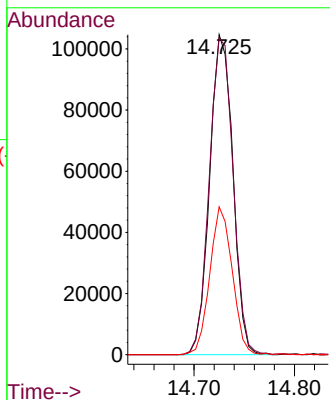
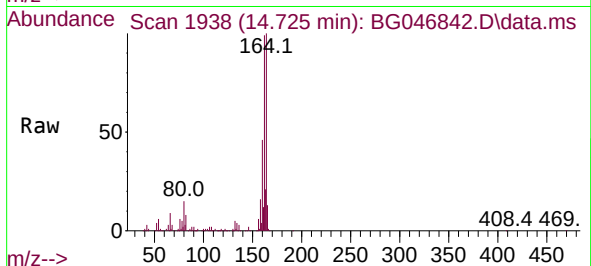




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.725 min Scan# 1938
Delta R.T. -0.010 min
Lab File: BG046842.D
Acq: 12 Oct 2020 10:37

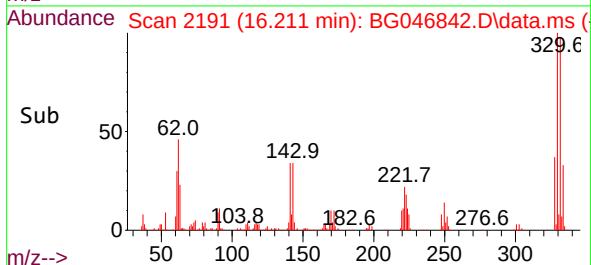
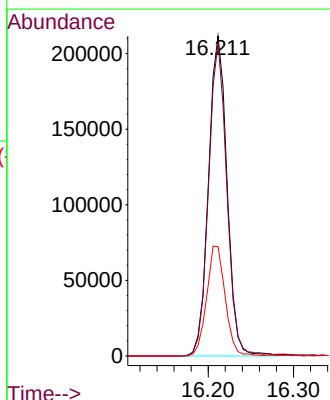
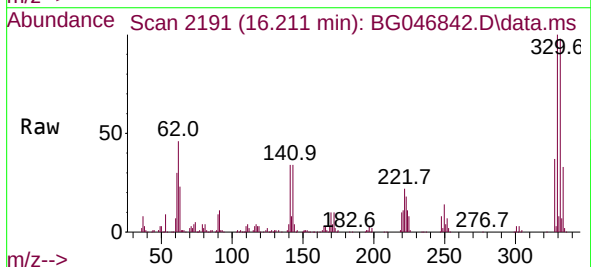
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ClientSampleId :
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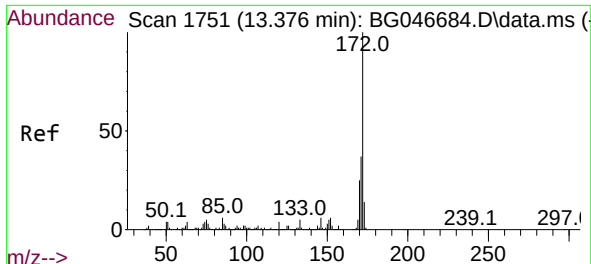
Tgt Ion:164 Resp: 167884
Ion Ratio Lower Upper
164 100
162 98.9 82.3 123.5
160 46.2 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 144.43 ng
RT: 16.211 min Scan# 2191
Delta R.T. -0.005 min
Lab File: BG046842.D
Acq: 12 Oct 2020 10:37

Tgt Ion:330 Resp: 319714
Ion Ratio Lower Upper
330 100
332 96.7 76.5 114.7
141 34.6 26.0 39.0

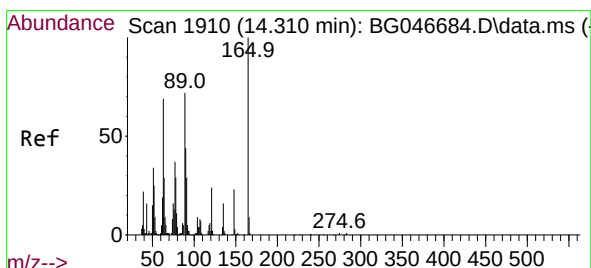
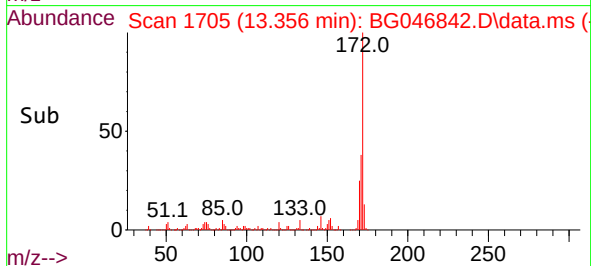
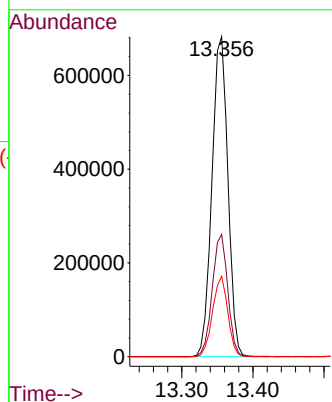
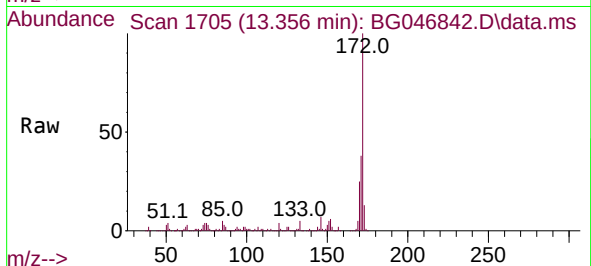




#45
2-Fluorobiphenyl
Concen: 89.81 ng
RT: 13.356 min Scan# 1705
Delta R.T. -0.005 min
Lab File: BG046842.D
Acq: 12 Oct 2020 10:37

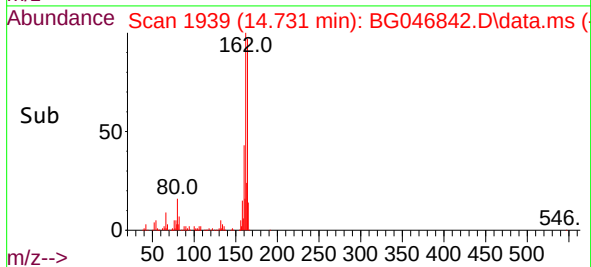
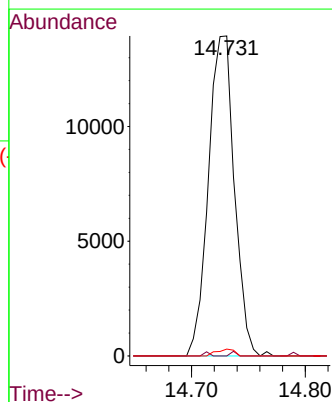
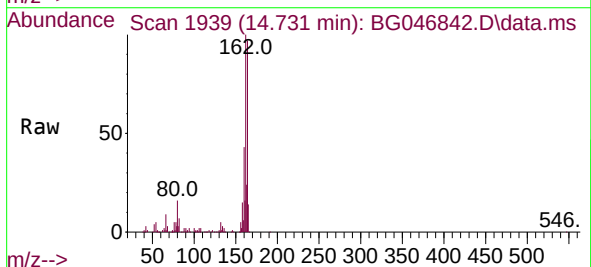
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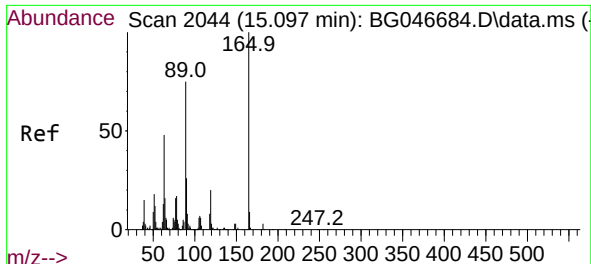
Tgt Ion:172 Resp: 1065029
Ion Ratio Lower Upper
172 100
171 38.2 31.3 46.9
170 25.2 20.8 31.2



#51
2,6-Dinitrotoluene
Concen: 10.16 ng
RT: 14.731 min Scan# 1939
Delta R.T. 0.430 min
Lab File: BG046842.D
Acq: 12 Oct 2020 10:37

Tgt Ion:165 Resp: 22133
Ion Ratio Lower Upper
165 100
63 0.0 33.7 50.5#
89 2.2 36.6 54.8#

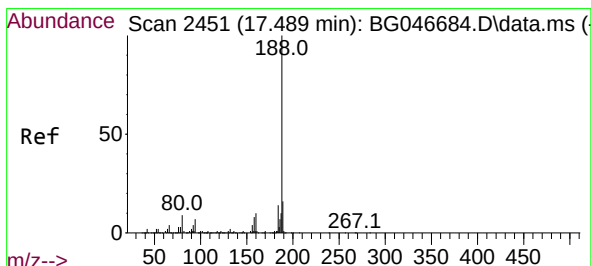
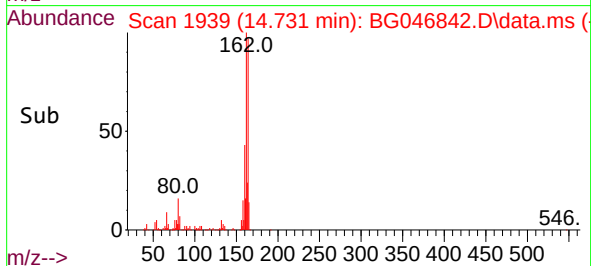
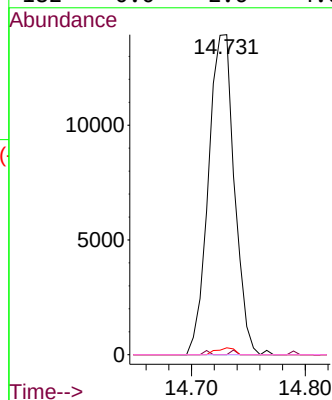
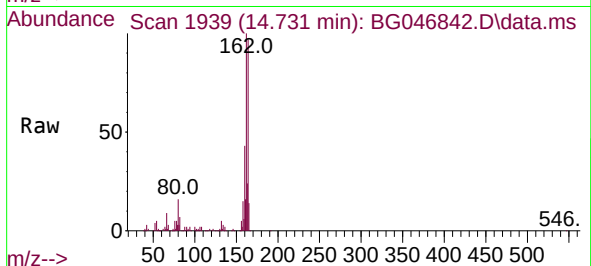




#57
2,4-Dinitrotoluene
Concen: 7.67 ng
RT: 14.731 min Scan# 1939
Delta R.T. -0.351 min
Lab File: BG046842.D
Acq: 12 Oct 2020 10:37

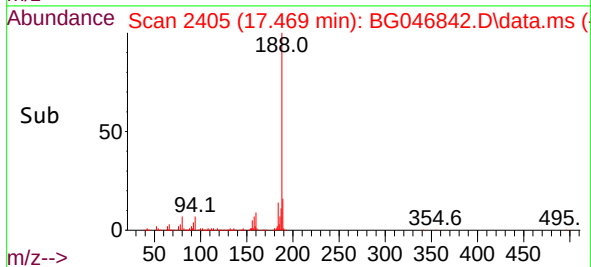
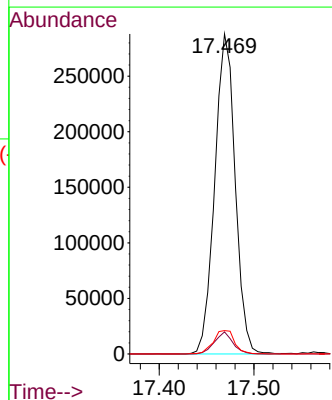
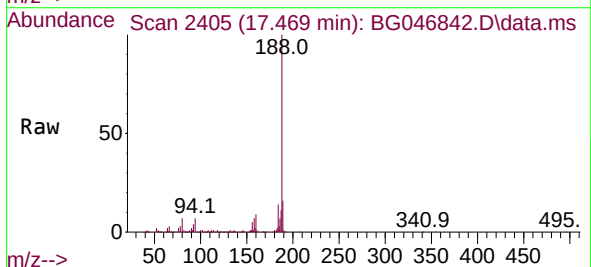
Instrument :
BNA_G
ClientSampleId :
PB132277BL

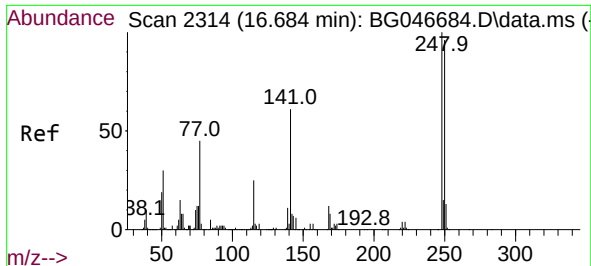
Tgt Ion:165 Resp: 22133
Ion Ratio Lower Upper
165 100
63 0.0 26.4 39.6#
89 2.2 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.469 min Scan# 2405
Delta R.T. -0.010 min
Lab File: BG046842.D
Acq: 12 Oct 2020 10:37

Tgt Ion:188 Resp: 431593
Ion Ratio Lower Upper
188 100
94 6.9 6.3 9.5
80 7.3 7.0 10.6

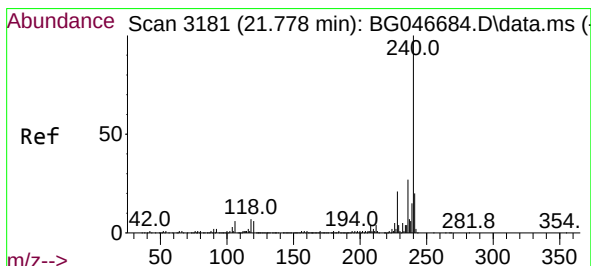
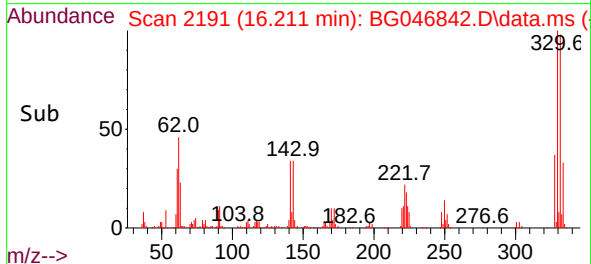
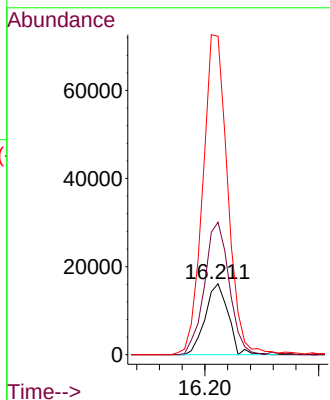
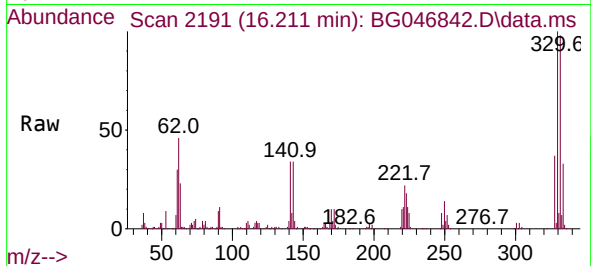




#67
4-Bromophenyl-phenylether
Concen: 4.14 ng
RT: 16.211 min Scan# 2191
Delta R.T. -0.451 min
Lab File: BG046842.D
Acq: 12 Oct 2020 10:37

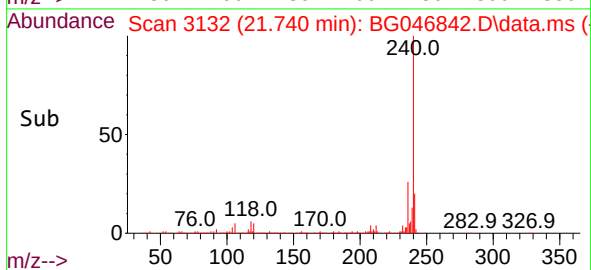
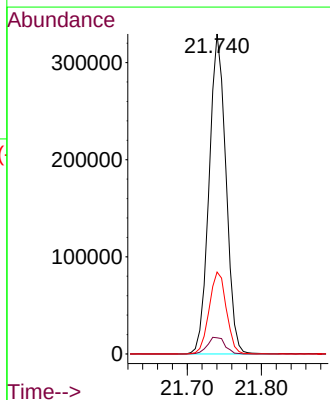
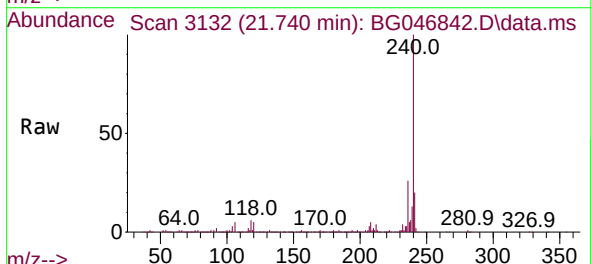
Instrument :
BNA_G
ClientSampleId :
PB132277BL

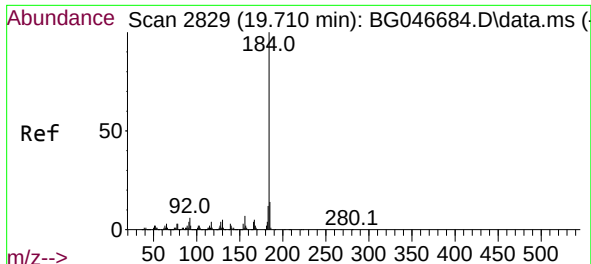
Tgt Ion:248 Resp: 22578
Ion Ratio Lower Upper
248 100
250 187.5 78.9 118.3#
141 348.8 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.740 min Scan# 3132
Delta R.T. -0.016 min
Lab File: BG046842.D
Acq: 12 Oct 2020 10:37

Tgt Ion:240 Resp: 518909
Ion Ratio Lower Upper
240 100
120 5.1 6.2 9.4#
236 25.6 20.5 30.7

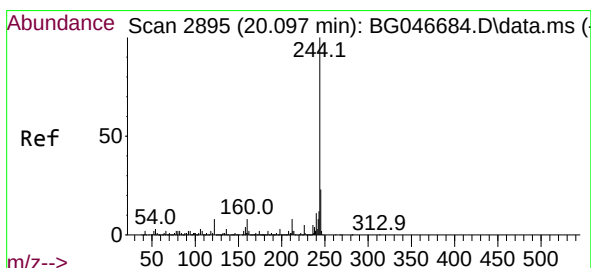
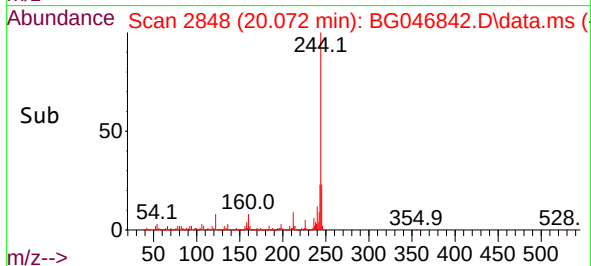
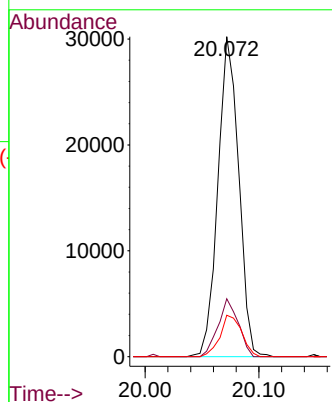
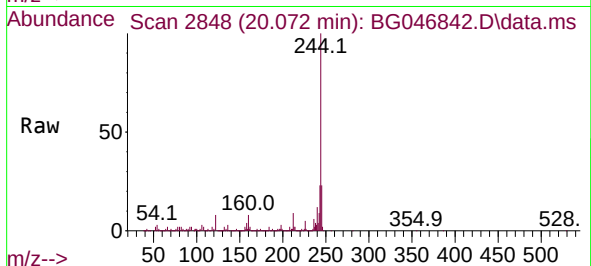




#77
Benzidine
Concen: 2.40 ng
RT: 20.072 min Scan# 2848
Delta R.T. 0.372 min
Lab File: BG046842.D
Acq: 12 Oct 2020 10:37

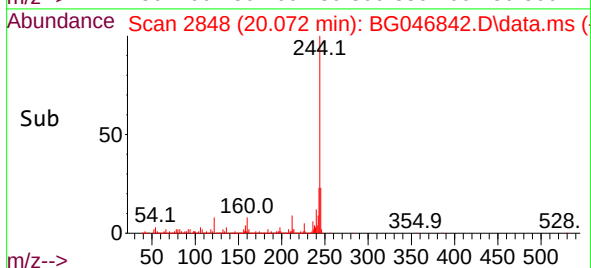
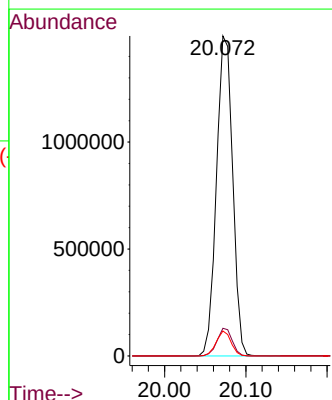
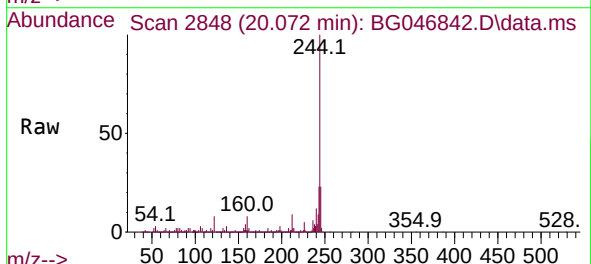
Instrument :
BNA_G
ClientSampleId :
PB132277BL

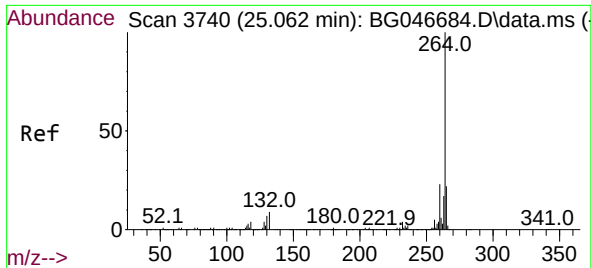
Tgt Ion:184 Resp: 38371
Ion Ratio Lower Upper
184 100
185 18.1 12.4 18.6
183 13.0 10.6 15.8



#79
Terphenyl-d14
Concen: 80.20 ng
RT: 20.072 min Scan# 2848
Delta R.T. -0.010 min
Lab File: BG046842.D
Acq: 12 Oct 2020 10:37

Tgt Ion:244 Resp: 2076509
Ion Ratio Lower Upper
244 100
212 8.7 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: BG046842.D
Acq: 12 Oct 2020 10:37

Instrument :
BNA_G
ClientSampleId :
PB132277BL

Tgt Ion:264 Resp: 507010
Ion Ratio Lower Upper
264 100
260 24.7 18.8 28.2
265 21.6 17.8 26.8

