

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100720\
 Data File : BG046797.D
 Acq On : 7 Oct 2020 10:12
 Operator : CG/JU
 Sample : PB132101BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB132101BL

Quant Time: Oct 07 11:39:08 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)

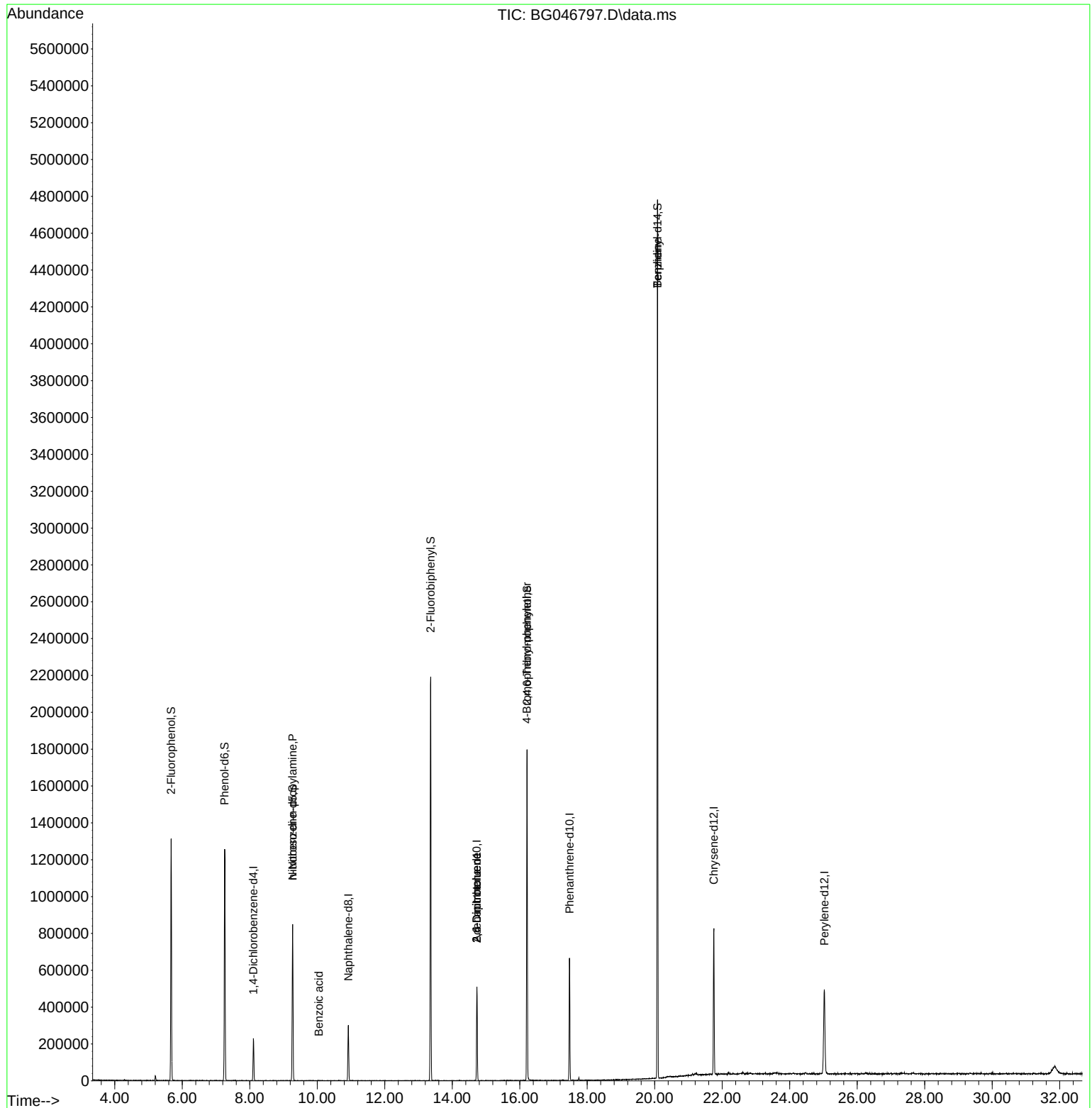
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.109	152	63099	20.00	ng	0.00
21) Naphthalene-d8	10.924	136	243528	20.00	ng	# 0.00
39) Acenaphthene-d10	14.731	164	179594	20.00	ng	0.00
64) Phenanthrene-d10	17.475	188	426053	20.00	ng	0.00
76) Chrysene-d12	21.752	240	507901	20.00	ng	# 0.00
86) Perylene-d12	25.025	264	506529	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.671	112	526613	133.70	ng	0.00
7) Phenol-d6	7.257	99	681138	122.60	ng	0.00
23) Nitrobenzene-d5	9.273	82	494307	107.98	ng	0.00
42) 2,4,6-Tribromophenol	16.217	330	341583	144.24	ng	0.00
45) 2-Fluorobiphenyl	13.362	172	1139650	89.84	ng	0.00
79) Terphenyl-d14	20.083	244	2081258	82.13	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.257	77	1551	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.273	70	70460	18.49	ng	# 79
32) Benzoic acid	10.048	122	59	6.36	ng	# 1
51) 2,6-Dinitrotoluene	14.731	165	24540	10.53	ng	# 33
57) 2,4-Dinitrotoluene	14.731	165	24540	7.95	ng	# 32
67) 4-Bromophenyl-phenylether	16.212	248	23477	4.36	ng	# 1
77) Benzidine	20.083	184	37328	2.38	ng	# 95

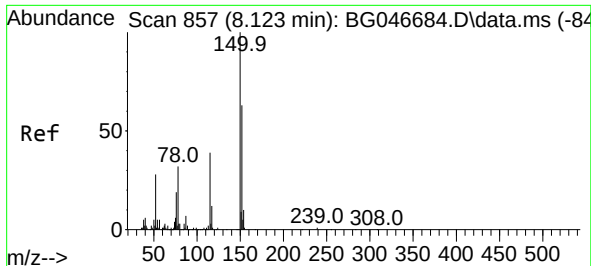
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100720\
Data File : BG046797.D
Acq On : 7 Oct 2020 10:12
Operator : CG/JU
Sample : PB132101BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB132101BL

Quant Time: Oct 07 11:39:08 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

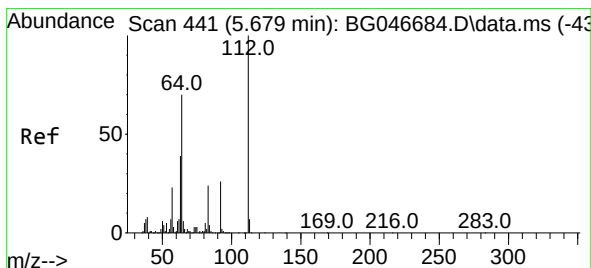
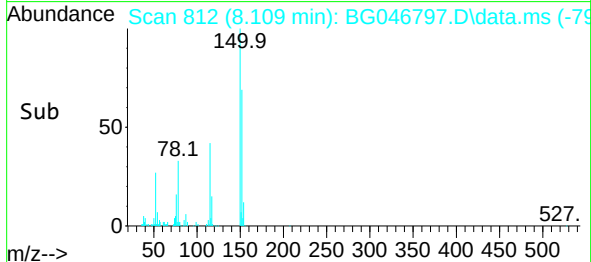
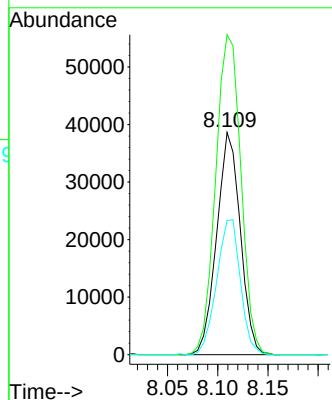
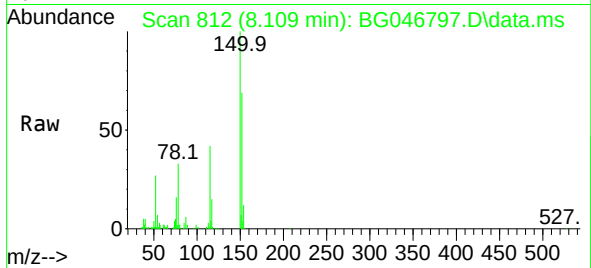




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.109 min Scan# 812
Delta R.T. 0.001 min
Lab File: BG046797.D
Acq: 7 Oct 2020 10:12

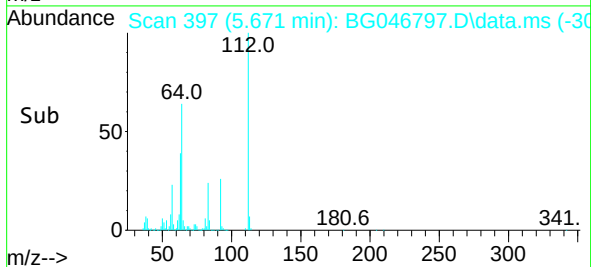
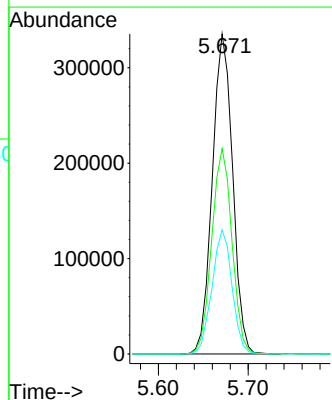
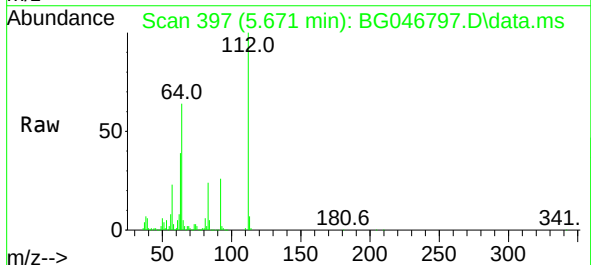
Instrument :
BNA_G
ClientSampleId :
PB132101BL

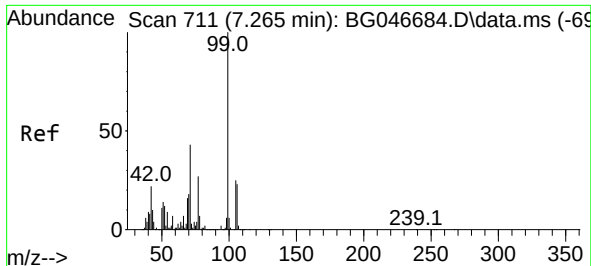
Tgt Ion:152 Resp: 63099
Ion Ratio Lower Upper
152 100
150 144.0 125.0 187.6
115 60.3 41.8 62.6



#5
2-Fluorophenol
Concen: 133.70 ng
RT: 5.671 min Scan# 397
Delta R.T. 0.001 min
Lab File: BG046797.D
Acq: 7 Oct 2020 10:12

Tgt Ion:112 Resp: 526613
Ion Ratio Lower Upper
112 100
64 64.2 46.7 70.1
63 38.7 22.8 34.2#

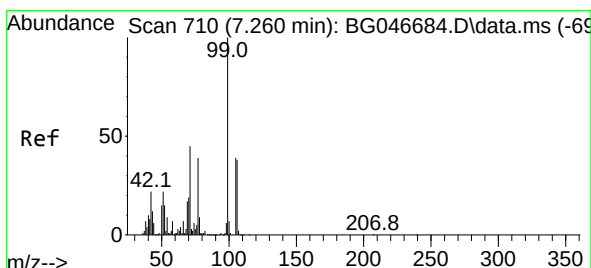
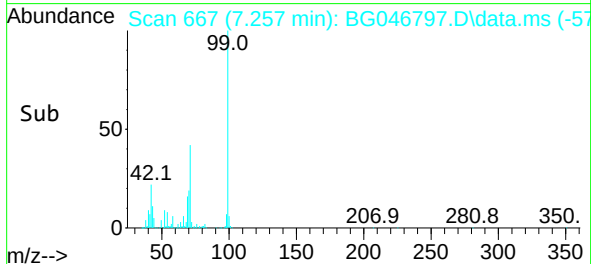
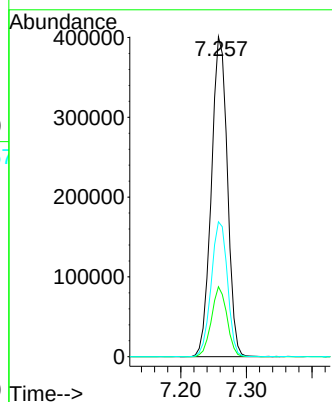
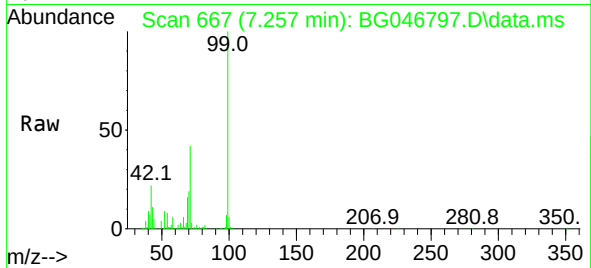




#7
Phenol-d6
Concen: 122.60 ng
RT: 7.257 min Scan# 667
Delta R.T. 0.001 min
Lab File: BG046797.D
Acq: 7 Oct 2020 10:12

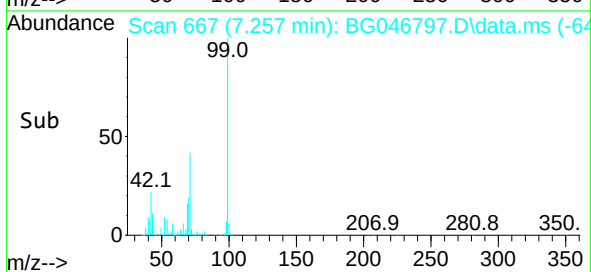
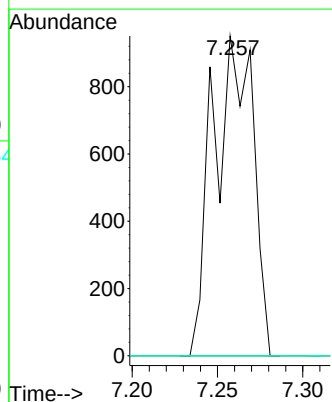
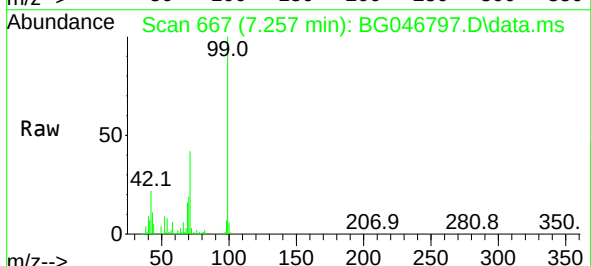
Instrument :
BNA_G
ClientSampleId :
PB132101BL

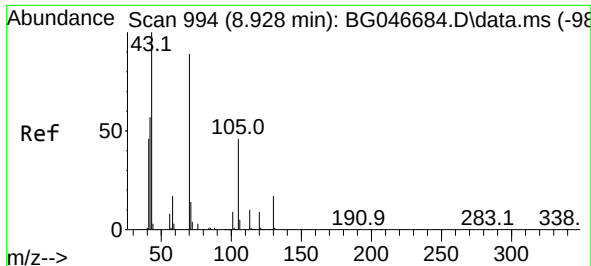
Tgt Ion: 99 Resp: 681138
Ion Ratio Lower Upper
99 100
42 21.8 12.8 19.2#
71 42.2 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.257 min Scan# 667
Delta R.T. 0.013 min
Lab File: BG046797.D
Acq: 7 Oct 2020 10:12

Tgt Ion: 77 Resp: 1551
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#

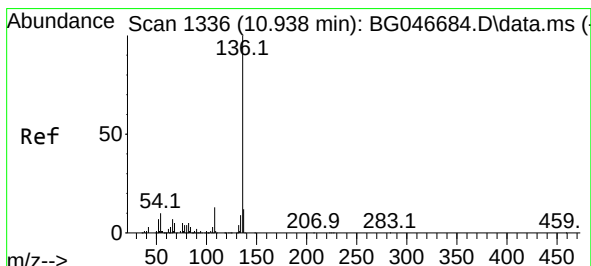
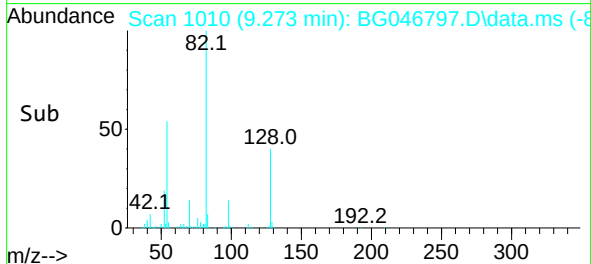
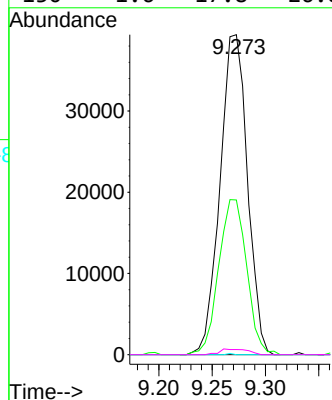
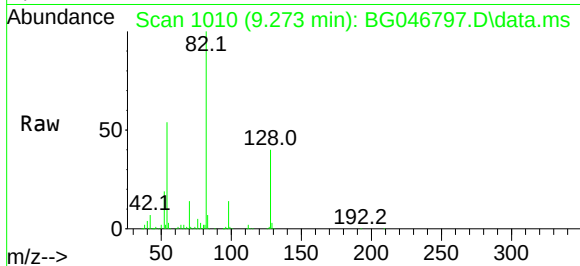




#19
n-Nitroso-di-n-propylamine
Concen: 18.49 ng
RT: 9.273 min Scan# 1010
Delta R.T. 0.360 min
Lab File: BG046797.D
Acq: 7 Oct 2020 10:12

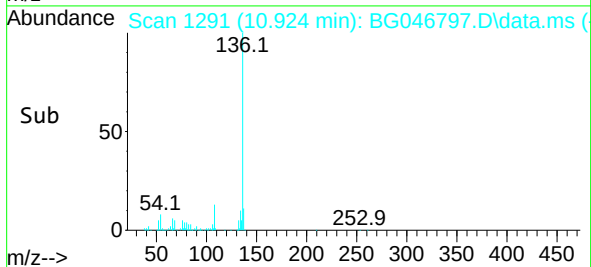
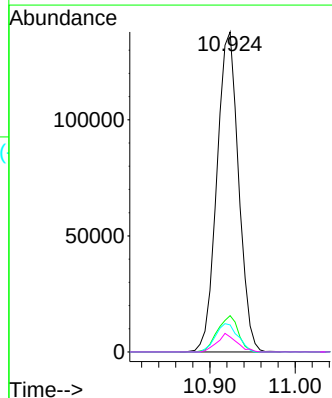
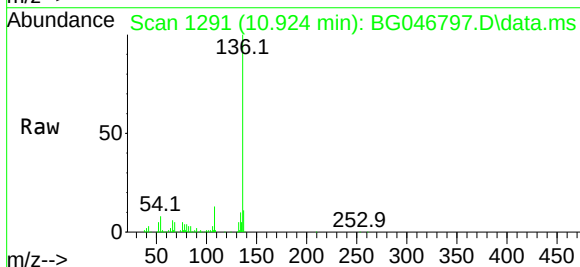
Instrument :
BNA_G
ClientSampleId :
PB132101BL

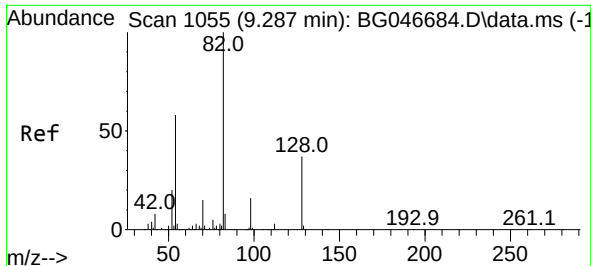
Tgt Ion:	70	Resp:	70460
Ion	Ratio	Lower	Upper
70	100		
42	48.3	45.6	68.4
101	0.0	8.4	12.6#
130	1.6	17.8	26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.924 min Scan# 1291
Delta R.T. 0.001 min
Lab File: BG046797.D
Acq: 7 Oct 2020 10:12

Tgt Ion:	136	Resp:	243528
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	8.5	6.2	9.4
68	4.7	5.0	7.4#

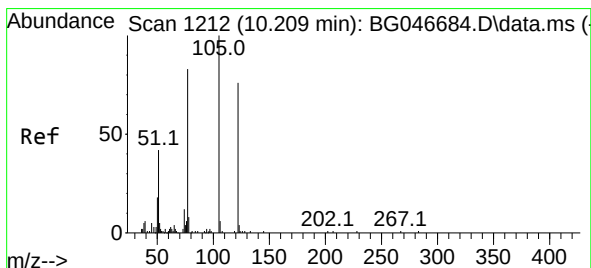
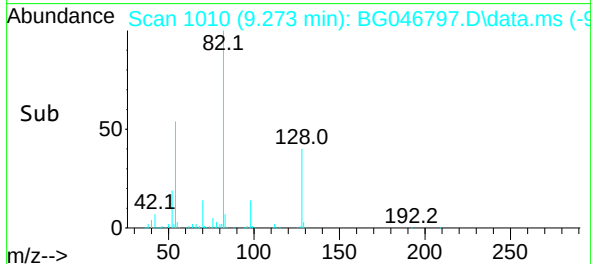
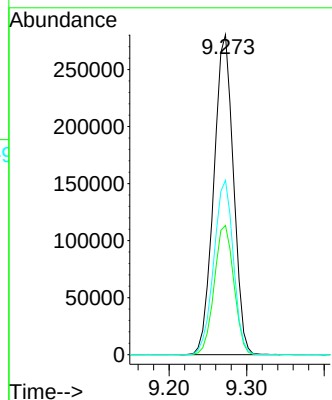
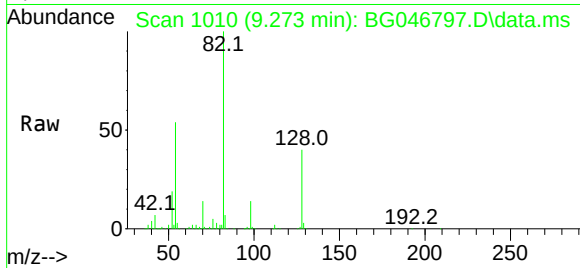




#23
Nitrobenzene-d5
Concen: 107.98 ng
RT: 9.273 min Scan# 1010
Delta R.T. 0.001 min
Lab File: BG046797.D
Acq: 7 Oct 2020 10:12

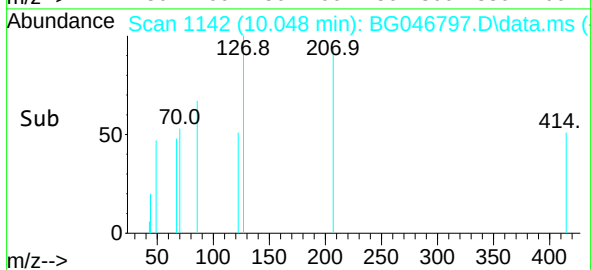
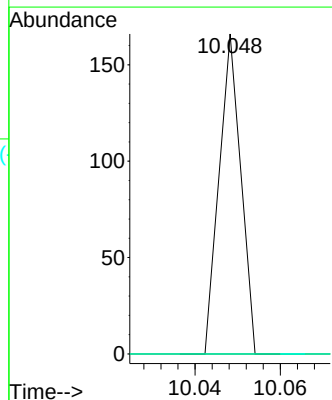
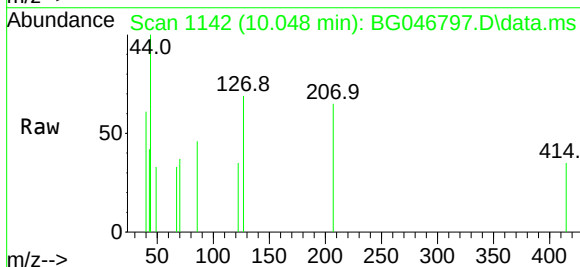
Instrument :
BNA_G
ClientSampleId :
PB132101BL

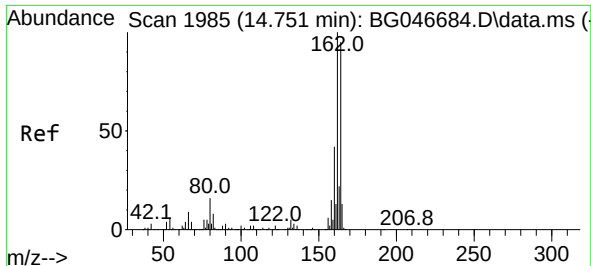
Tgt Ion: 82 Resp: 494307
Ion Ratio Lower Upper
82 100
128 40.4 37.0 55.6
54 54.5 39.0 58.4



#32
Benzoic acid
Concen: 6.36 ng
RT: 10.048 min Scan# 1142
Delta R.T. -0.145 min
Lab File: BG046797.D
Acq: 7 Oct 2020 10:12

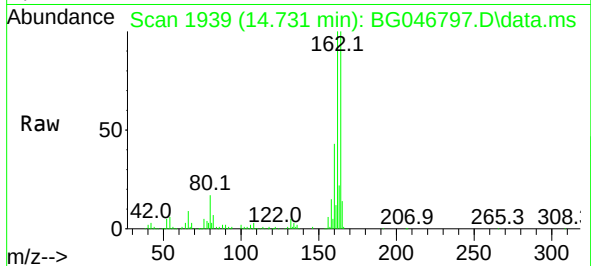
Tgt Ion:122 Resp: 59
Ion Ratio Lower Upper
122 100
105 0.0 103.7 143.7#
77 0.0 63.0 103.0#



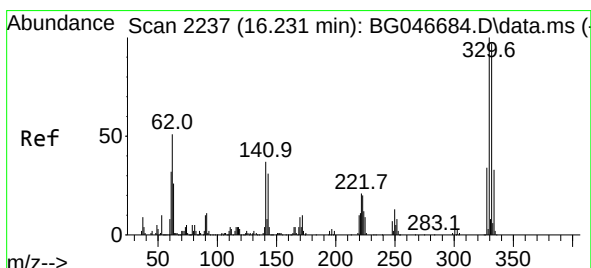
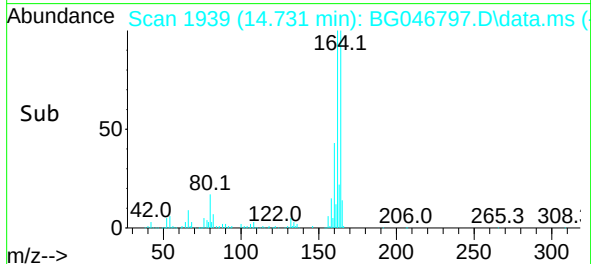
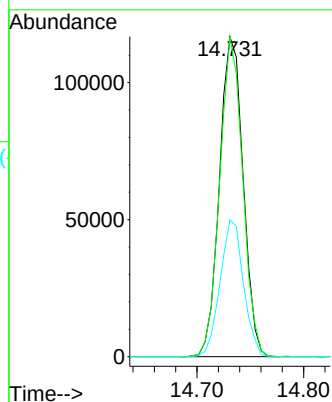


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.731 min Scan# 1939
Delta R.T. -0.004 min
Lab File: BG046797.D
Acq: 7 Oct 2020 10:12

Instrument :
BNA_G
ClientSampleId :
PB132101BL

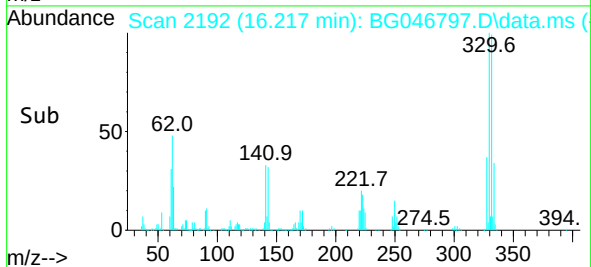
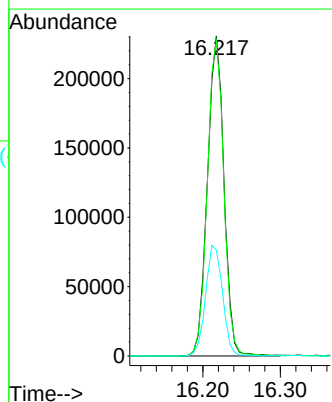
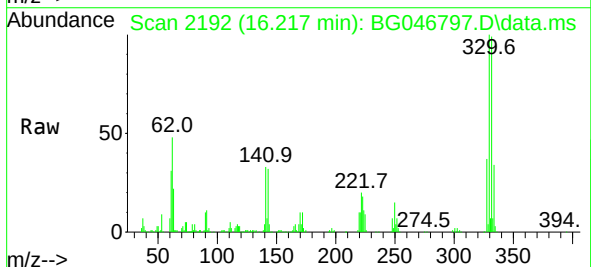


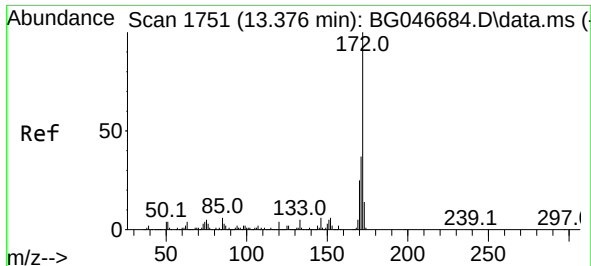
Tgt Ion:164 Resp: 179594
Ion Ratio Lower Upper
164 100
162 99.9 82.3 123.5
160 42.8 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 144.24 ng
RT: 16.217 min Scan# 2192
Delta R.T. 0.001 min
Lab File: BG046797.D
Acq: 7 Oct 2020 10:12

Tgt Ion:330 Resp: 341583
Ion Ratio Lower Upper
330 100
332 98.5 76.5 114.7
141 35.6 26.0 39.0

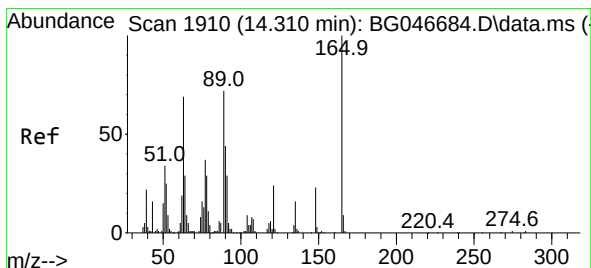
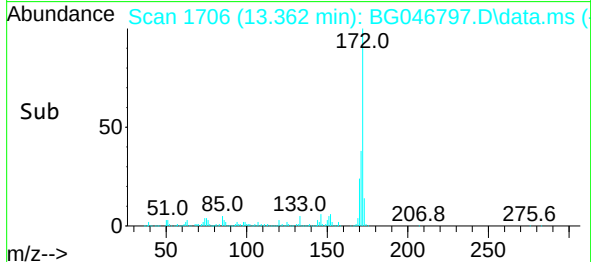
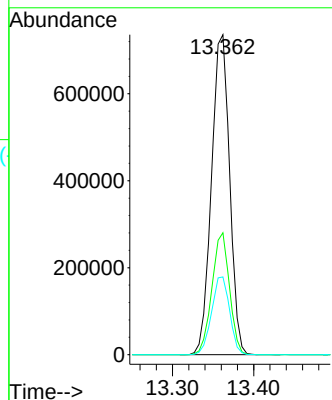
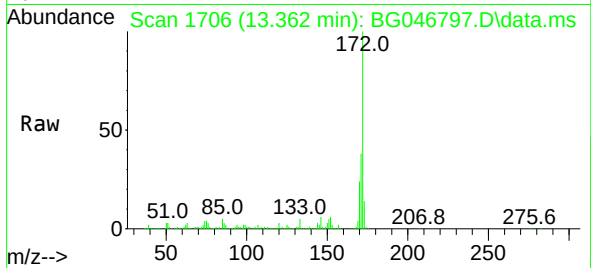




#45
2-Fluorobiphenyl
Concen: 89.84 ng
RT: 13.362 min Scan# 1706
Delta R.T. 0.001 min
Lab File: BG046797.D
Acq: 7 Oct 2020 10:12

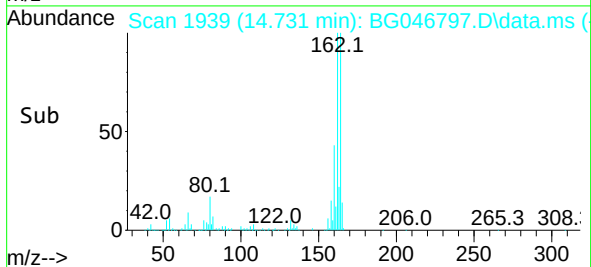
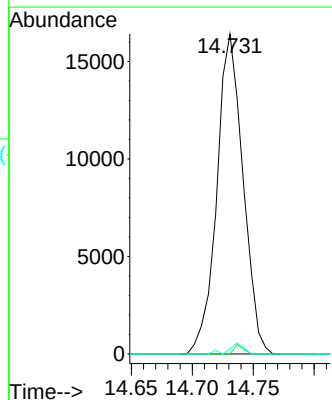
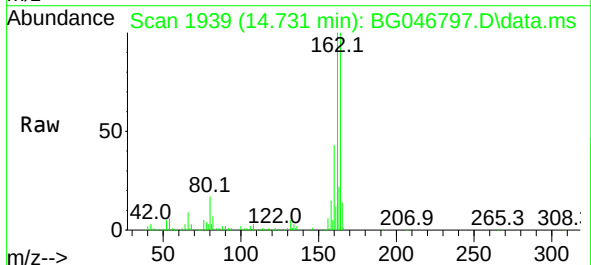
Instrument :
BNA_G
ClientSampleId :
PB132101BL

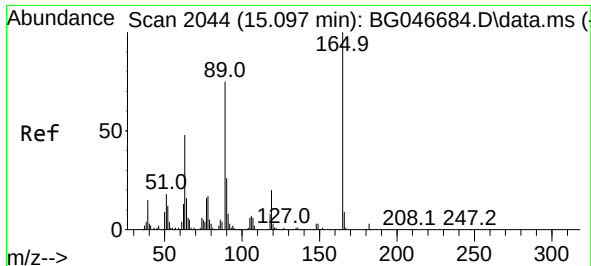
Tgt Ion:172 Resp: 1139650
Ion Ratio Lower Upper
172 100
171 38.1 31.3 46.9
170 24.3 20.8 31.2



#51
2,6-Dinitrotoluene
Concen: 10.53 ng
RT: 14.731 min Scan# 1939
Delta R.T. 0.430 min
Lab File: BG046797.D
Acq: 7 Oct 2020 10:12

Tgt Ion:165 Resp: 24540
Ion Ratio Lower Upper
165 100
63 0.0 33.7 50.5#
89 1.6 36.6 54.8#

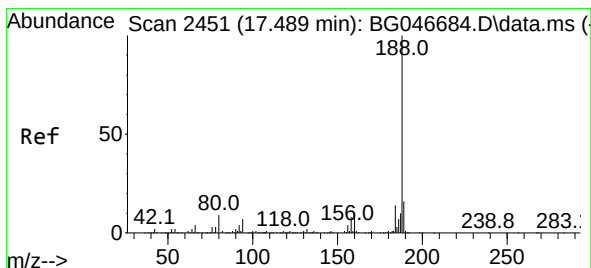
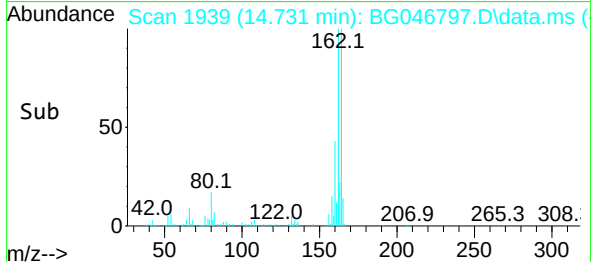
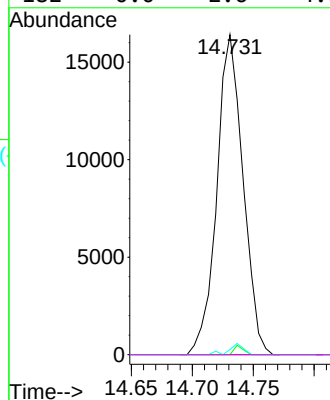
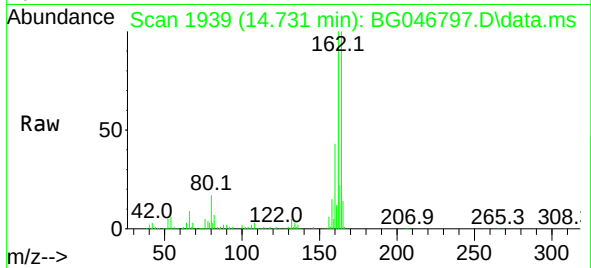




#57
2,4-Dinitrotoluene
Concen: 7.95 ng
RT: 14.731 min Scan# 1939
Delta R.T. -0.351 min
Lab File: BG046797.D
Acq: 7 Oct 2020 10:12

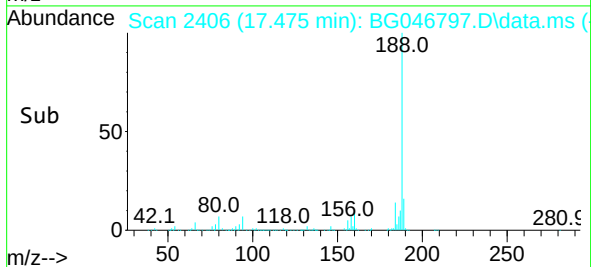
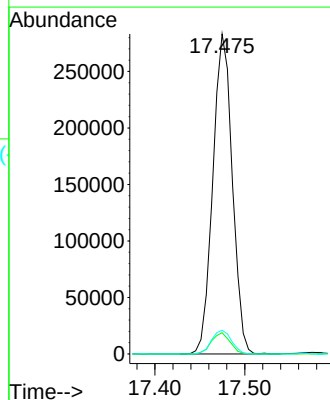
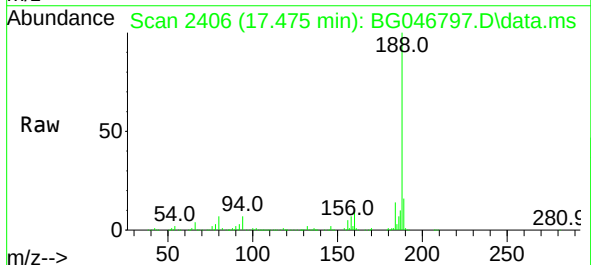
Instrument :
BNA_G
ClientSampleId :
PB132101BL

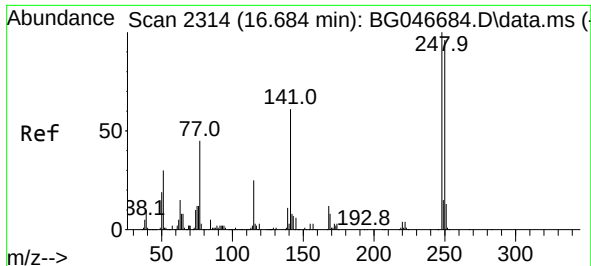
Tgt Ion:165 Resp: 24540
Ion Ratio Lower Upper
165 100
63 0.0 26.4 39.6#
89 1.6 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.475 min Scan# 2406
Delta R.T. -0.004 min
Lab File: BG046797.D
Acq: 7 Oct 2020 10:12

Tgt Ion:188 Resp: 426053
Ion Ratio Lower Upper
188 100
94 6.6 6.3 9.5
80 7.4 7.0 10.6

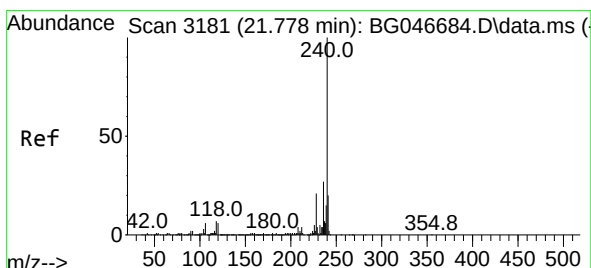
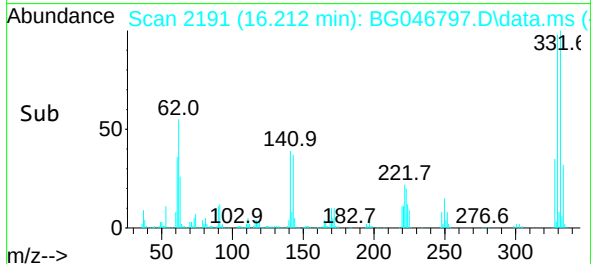
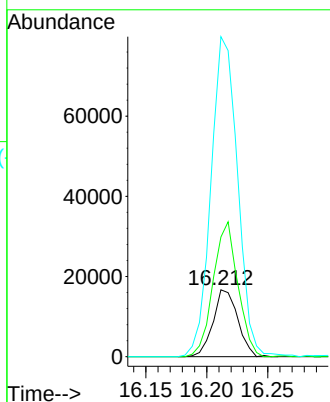
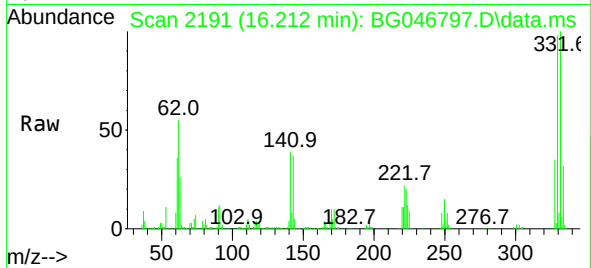




#67
4-Bromophenyl-phenylether
Concen: 4.36 ng
RT: 16.212 min Scan# 2191
Delta R.T. -0.451 min
Lab File: BG046797.D
Acq: 7 Oct 2020 10:12

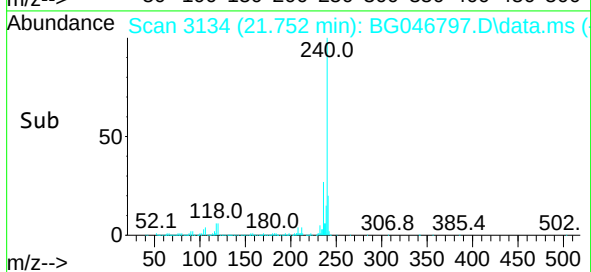
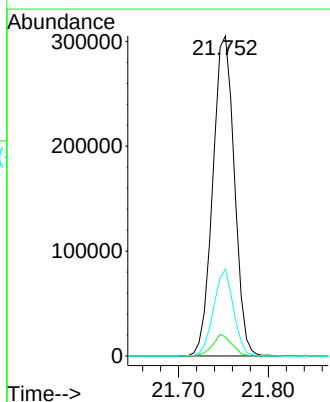
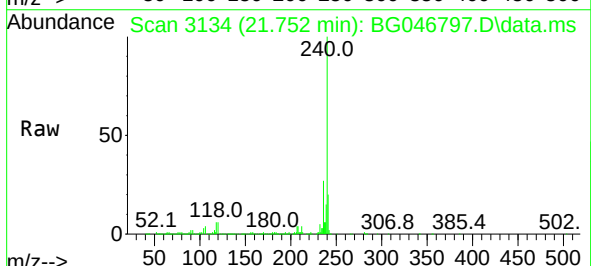
Instrument :
BNA_G
ClientSampleId :
PB132101BL

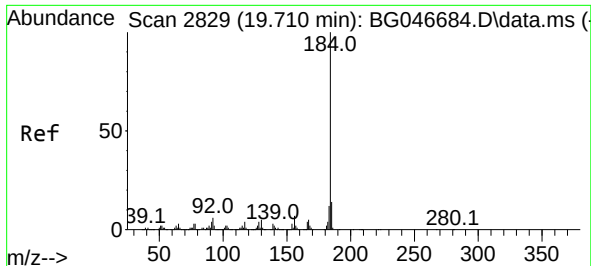
Tgt Ion:248 Resp: 23477
Ion Ratio Lower Upper
248 100
250 178.7 78.9 118.3#
141 376.3 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.752 min Scan# 3134
Delta R.T. -0.004 min
Lab File: BG046797.D
Acq: 7 Oct 2020 10:12

Tgt Ion:240 Resp: 507901
Ion Ratio Lower Upper
240 100
120 6.0 6.2 9.4#
236 27.1 20.5 30.7

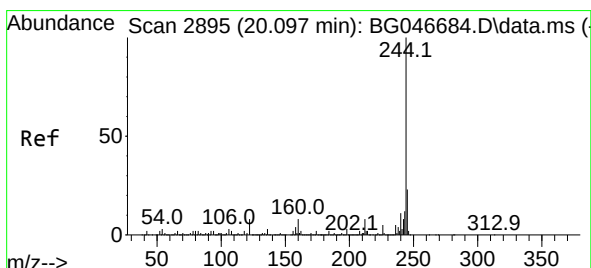
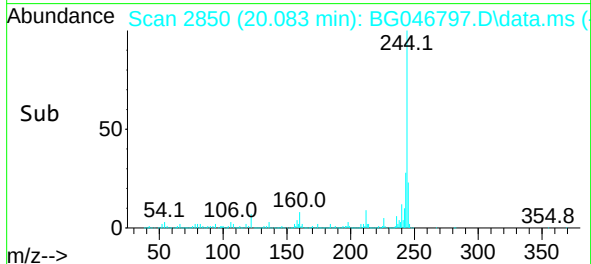
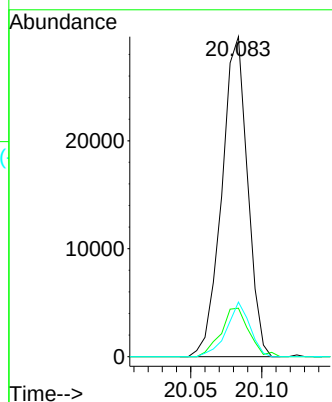
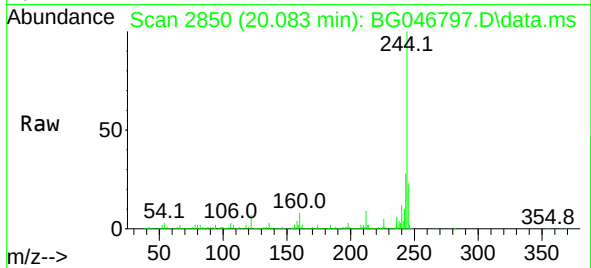




#77
Benzidine
Concen: 2.38 ng
RT: 20.083 min Scan# 2850
Delta R.T. 0.383 min
Lab File: BG046797.D
Acq: 7 Oct 2020 10:12

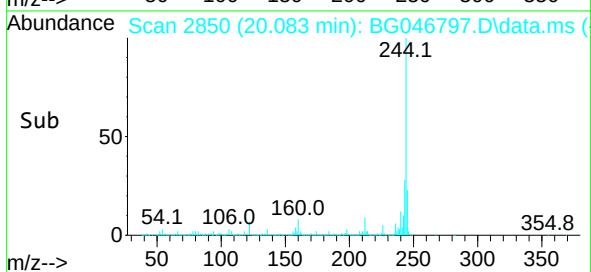
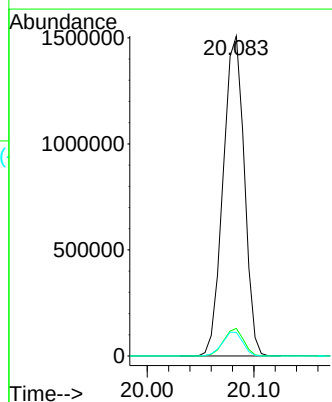
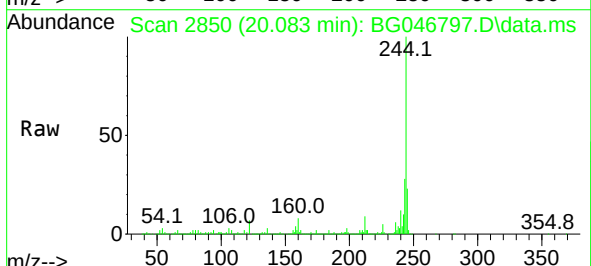
Instrument :
BNA_G
ClientSampleId :
PB132101BL

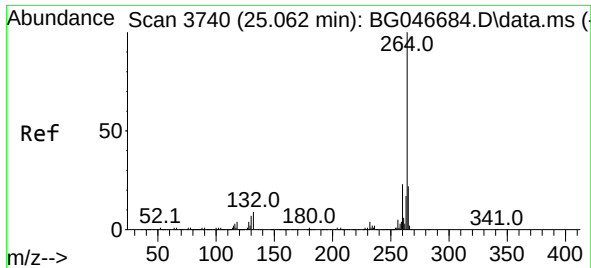
Tgt Ion:184 Resp: 37328
Ion Ratio Lower Upper
184 100
185 15.2 12.4 18.6
183 17.1 10.6 15.8#



#79
Terphenyl-d14
Concen: 82.13 ng
RT: 20.083 min Scan# 2850
Delta R.T. 0.001 min
Lab File: BG046797.D
Acq: 7 Oct 2020 10:12

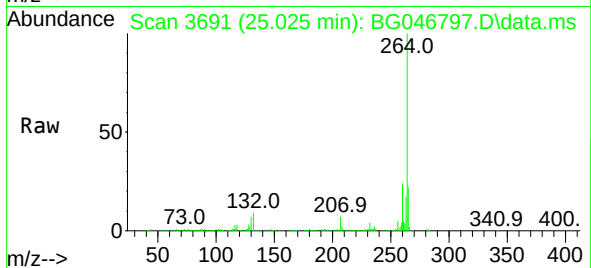
Tgt Ion:244 Resp: 2081258
Ion Ratio Lower Upper
244 100
212 8.6 6.7 10.1
122 7.4 7.8 11.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.025 min Scan# 3691
 Delta R.T. -0.004 min
 Lab File: BG046797.D
 Acq: 7 Oct 2020 10:12

Instrument :
 BNA_G
 ClientSampleId :
 PB132101BL



Tgt Ion:264 Resp: 506529
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.8 28.2
 265 21.9 17.8 26.8

