

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100720\
 Data File : BG046800.D
 Acq On : 7 Oct 2020 13:43
 Operator : CG/JU
 Sample : PB132169BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB132169BL

Quant Time: Oct 07 14:20:57 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)

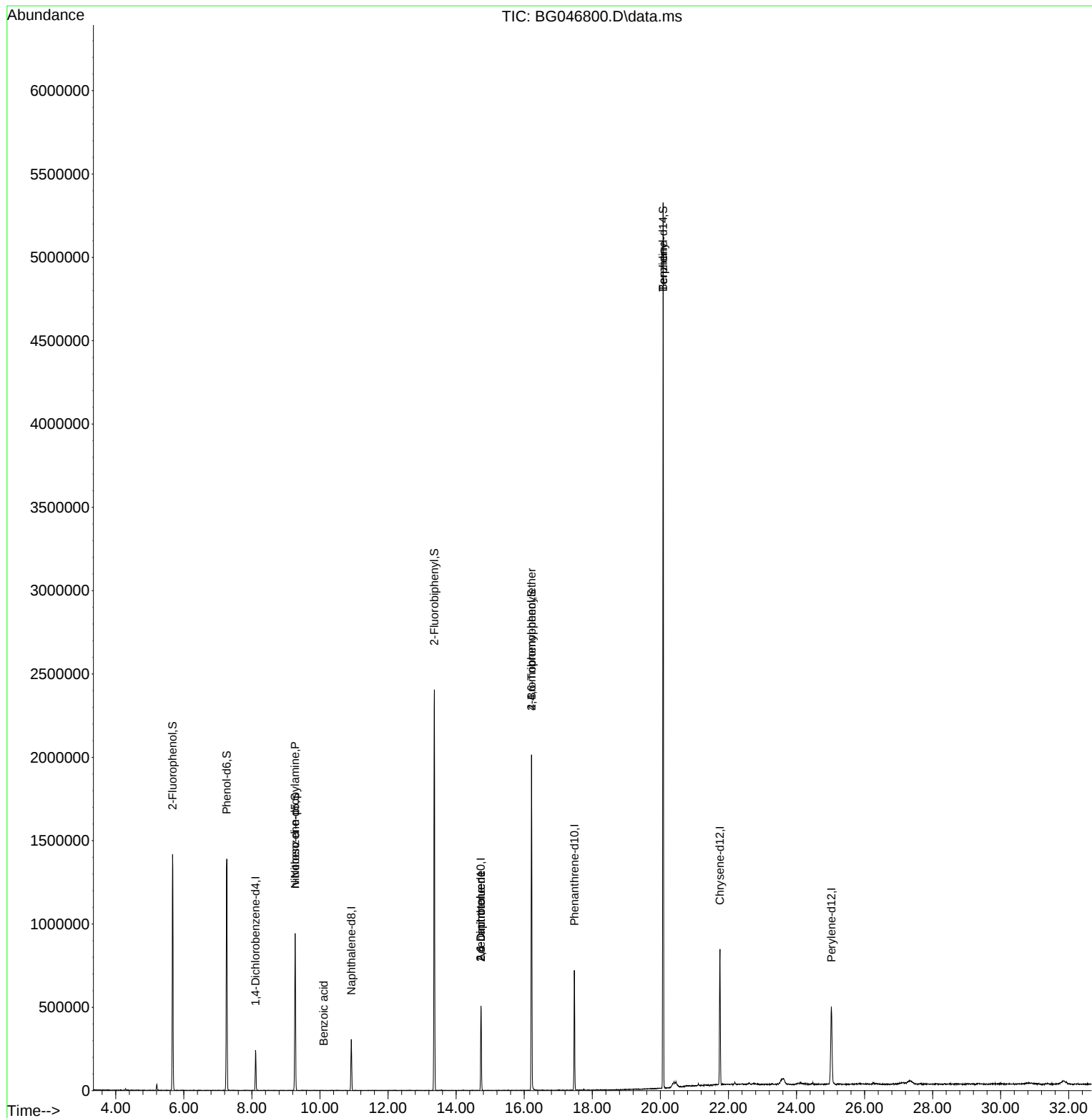
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.109	152	62537	20.00	ng	0.00
21) Naphthalene-d8	10.923	136	246985	20.00	ng	0.00
39) Acenaphthene-d10	14.730	164	178057	20.00	ng	0.00
64) Phenanthrene-d10	17.474	188	433885	20.00	ng	# 0.00
76) Chrysene-d12	21.752	240	517510	20.00	ng	# 0.00
86) Perylene-d12	25.024	264	511294	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.670	112	578666	148.24	ng	0.00
7) Phenol-d6	7.263	99	753895	136.92	ng	0.00
23) Nitrobenzene-d5	9.272	82	547971	118.03	ng	0.00
42) 2,4,6-Tribromophenol	16.217	330	384992	163.98	ng	0.00
45) 2-Fluorobiphenyl	13.361	172	1254181	99.72	ng	0.00
79) Terphenyl-d14	20.083	244	2256796	87.40	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.263	77	1529	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.272	70	80186	21.24	ng	# 80
32) Benzoic acid	10.112	122	61	6.36	ng	# 1
51) 2,6-Dinitrotoluene	14.730	165	24145	10.45	ng	# 35
57) 2,4-Dinitrotoluene	14.730	165	24145	7.89	ng	# 33
67) 4-Bromophenyl-phenylether	16.217	248	25026	4.56	ng	# 1
77) Benzidine	20.083	184	40156	2.52	ng	# 94

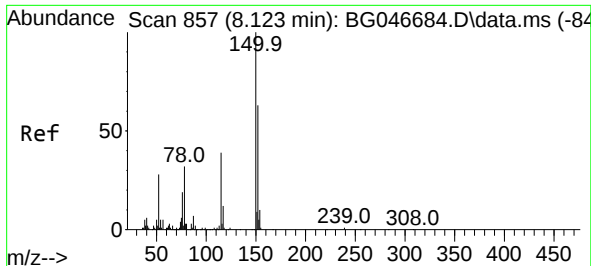
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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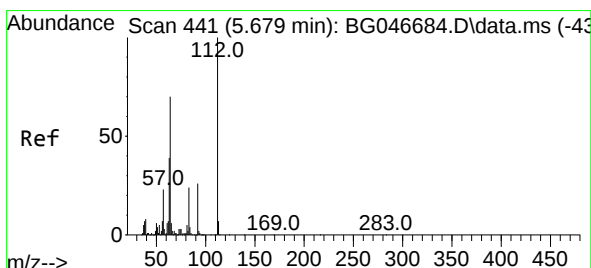
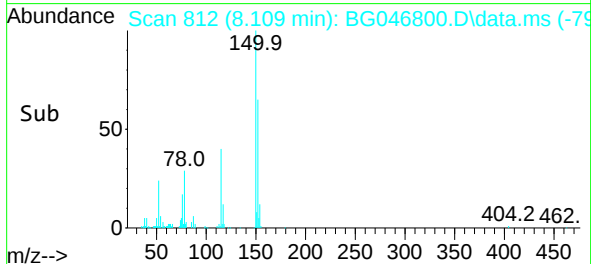
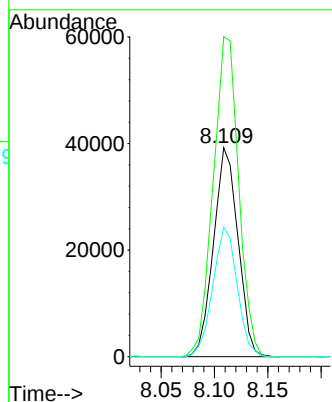
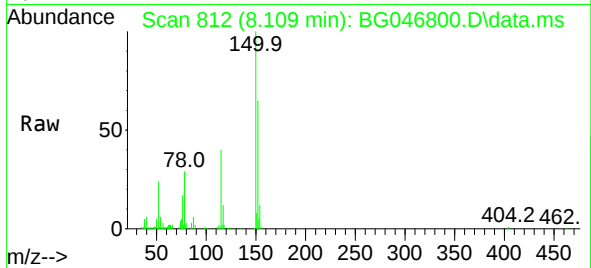




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.109 min Scan# 812
Delta R.T. 0.001 min
Lab File: BG046800.D
Acq: 7 Oct 2020 13:43

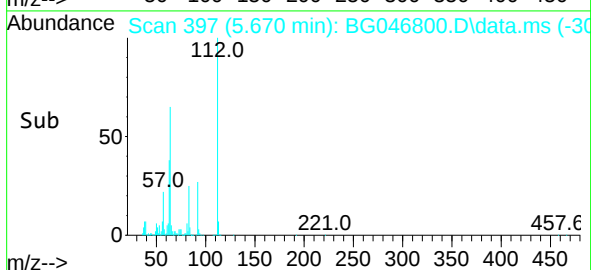
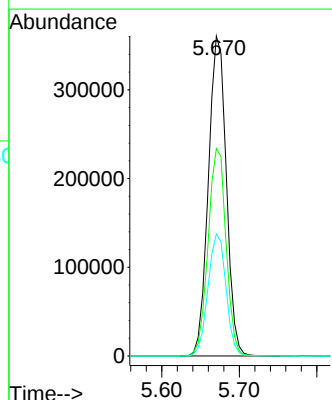
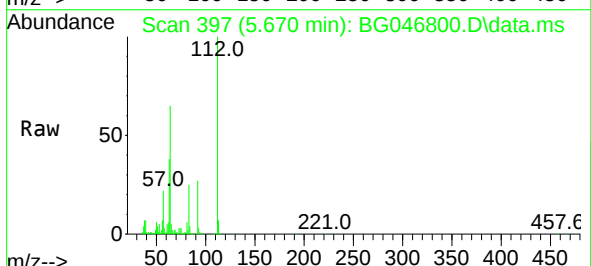
Instrument :
BNA_G
ClientSampleId :
PB132169BL

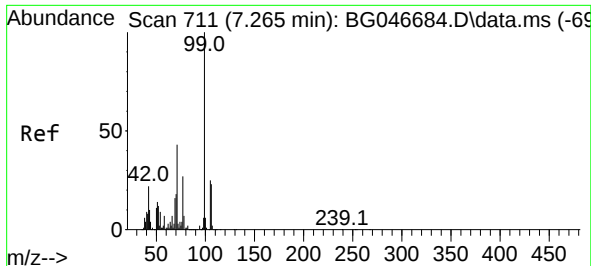
Tgt Ion:152 Resp: 62537
Ion Ratio Lower Upper
152 100
150 153.1 125.0 187.6
115 61.9 41.8 62.6



#5
2-Fluorophenol
Concen: 148.24 ng
RT: 5.670 min Scan# 397
Delta R.T. 0.001 min
Lab File: BG046800.D
Acq: 7 Oct 2020 13:43

Tgt Ion:112 Resp: 578666
Ion Ratio Lower Upper
112 100
64 64.8 46.7 70.1
63 38.2 22.8 34.2#

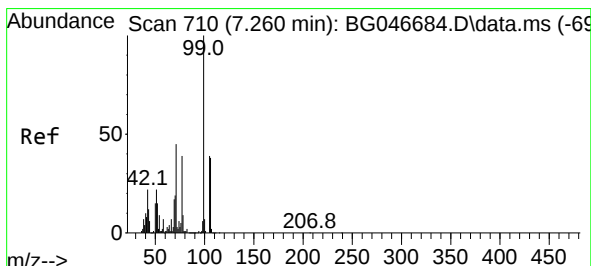
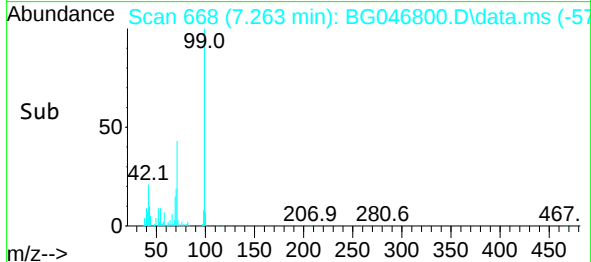
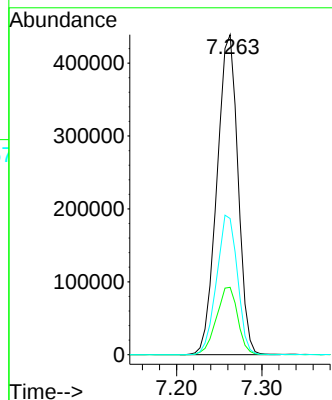
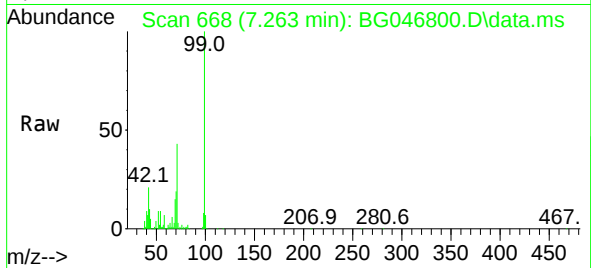




#7
Phenol-d6
Concen: 136.92 ng
RT: 7.263 min Scan# 668
Delta R.T. 0.007 min
Lab File: BG046800.D
Acq: 7 Oct 2020 13:43

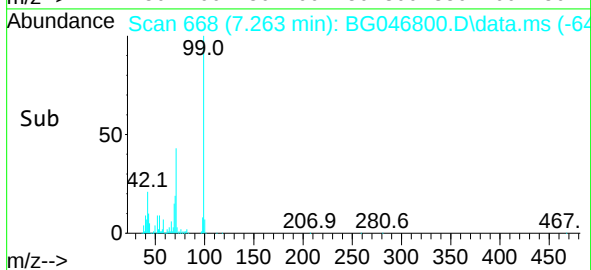
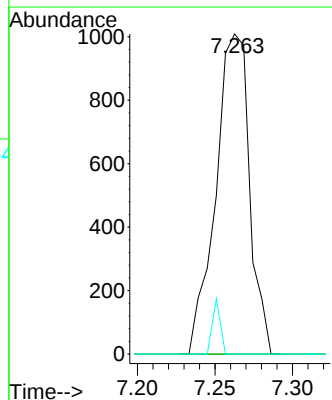
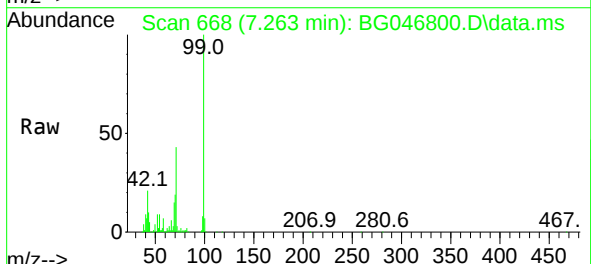
Instrument :
BNA_G
ClientSampleId :
PB132169BL

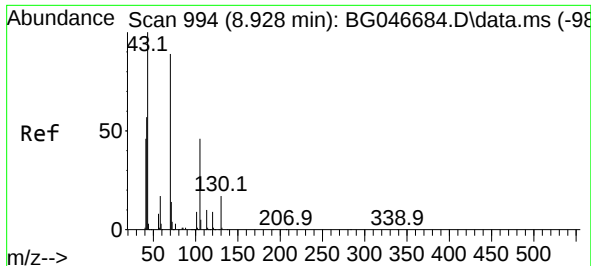
Tgt Ion: 99 Resp: 753895
Ion Ratio Lower Upper
99 100
42 21.1 12.8 19.2#
71 42.5 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.263 min Scan# 668
Delta R.T. 0.018 min
Lab File: BG046800.D
Acq: 7 Oct 2020 13:43

Tgt Ion: 77 Resp: 1529
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#

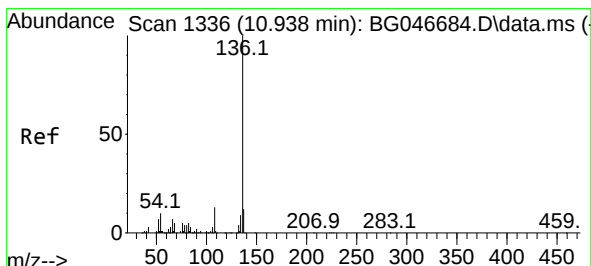
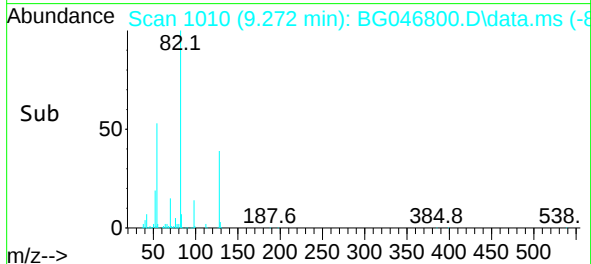
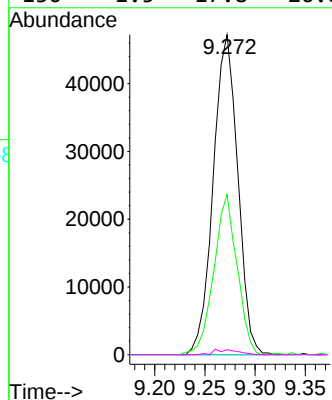
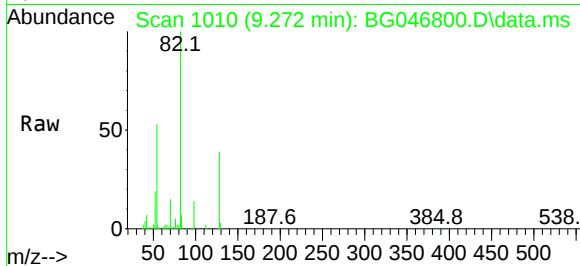




#19
n-Nitroso-di-n-propylamine
Concen: 21.24 ng
RT: 9.272 min Scan# 1010
Delta R.T. 0.359 min
Lab File: BG046800.D
Acq: 7 Oct 2020 13:43

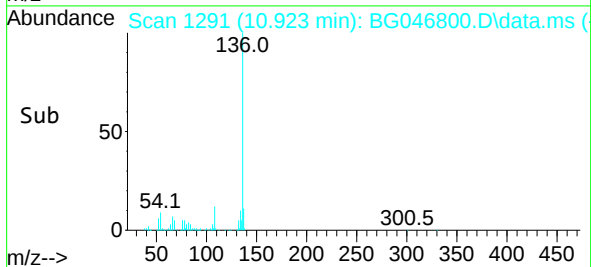
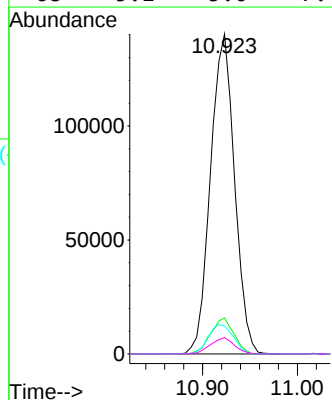
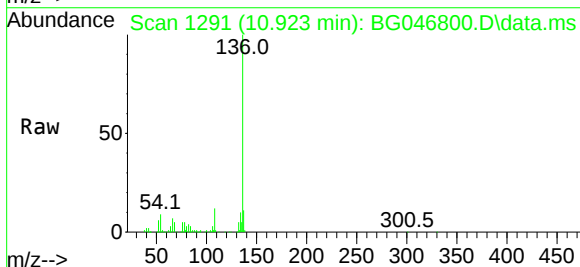
Instrument :
BNA_G
ClientSampleId :
PB132169BL

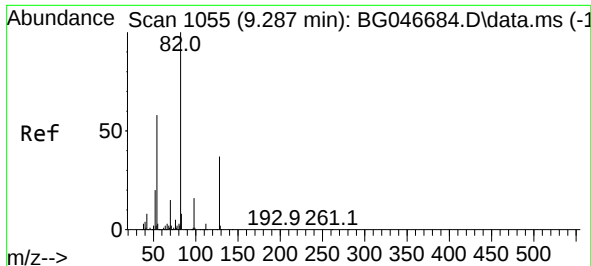
Tgt Ion: 70	Resp: 80186
Ion Ratio	Lower Upper
70 100	
42 50.1	45.6 68.4
101 0.0	8.4 12.6#
130 1.5	17.8 26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.923 min Scan# 1291
Delta R.T. 0.001 min
Lab File: BG046800.D
Acq: 7 Oct 2020 13:43

Tgt Ion: 136	Resp: 246985
Ion Ratio	Lower Upper
136 100	
137 11.3	9.1 13.7
54 8.8	6.2 9.4
68 5.1	5.0 7.4





#23

Nitrobenzene-d5

Concen: 118.03 ng

RT: 9.272 min Scan# 1010

Delta R.T. 0.001 min

Lab File: BG046800.D

Acq: 7 Oct 2020 13:43

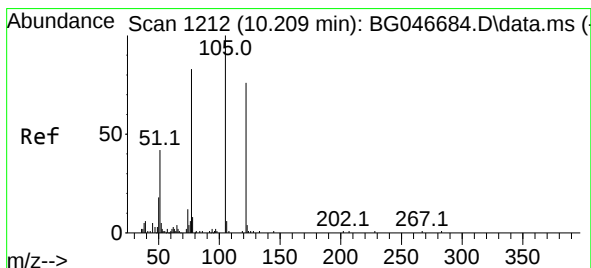
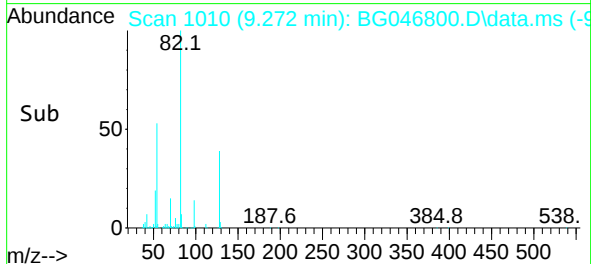
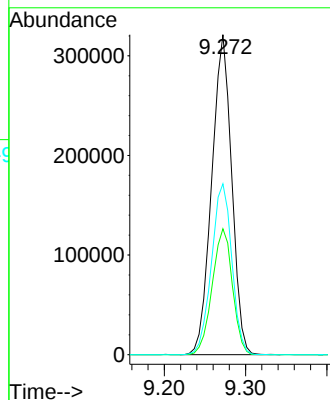
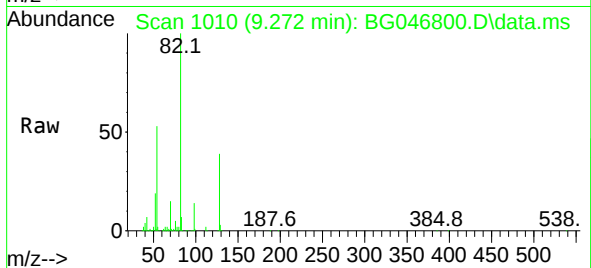
Tgt Ion: 82 Resp: 547971

Ion Ratio Lower Upper

82 100

128 39.3 37.0 55.6

54 53.4 39.0 58.4



#32

Benzoic acid

Concen: 6.36 ng

RT: 10.112 min Scan# 1153

Delta R.T. -0.081 min

Lab File: BG046800.D

Acq: 7 Oct 2020 13:43

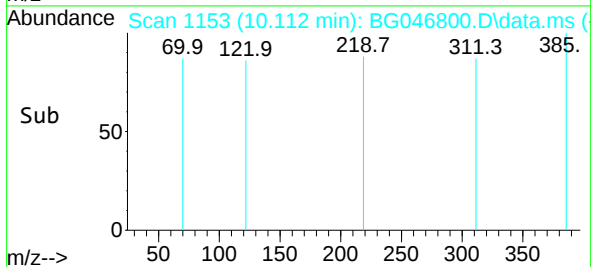
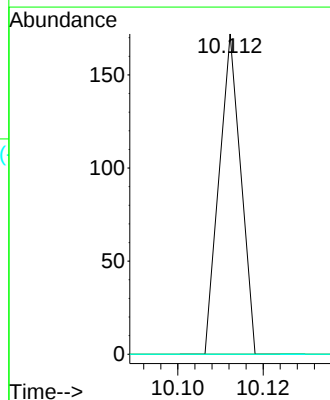
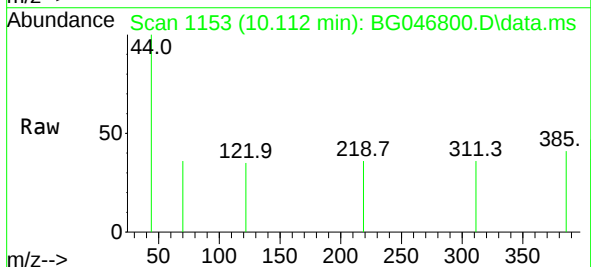
Tgt Ion:122 Resp: 61

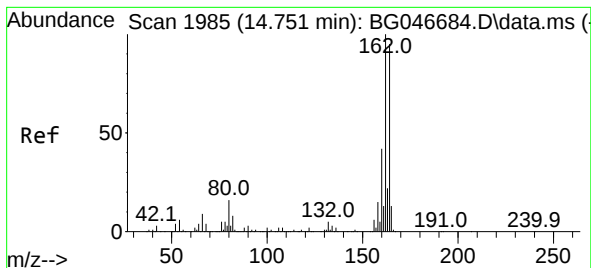
Ion Ratio Lower Upper

122 100

105 0.0 103.7 143.7#

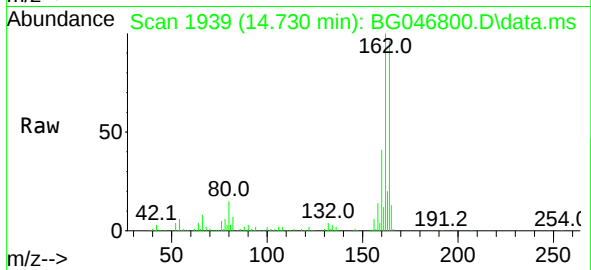
77 0.0 63.0 103.0#



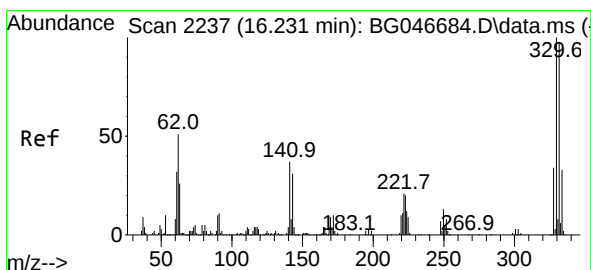
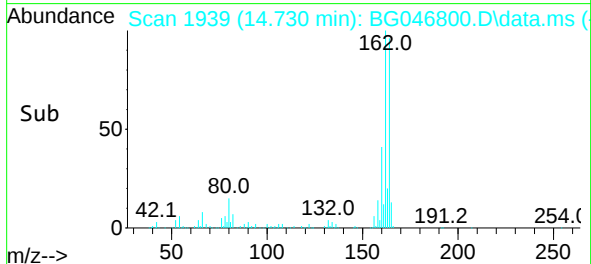
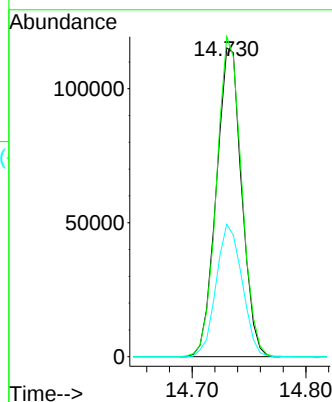


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.730 min Scan# 1939
Delta R.T. -0.005 min
Lab File: BG046800.D
Acq: 7 Oct 2020 13:43

Instrument :
BNA_G
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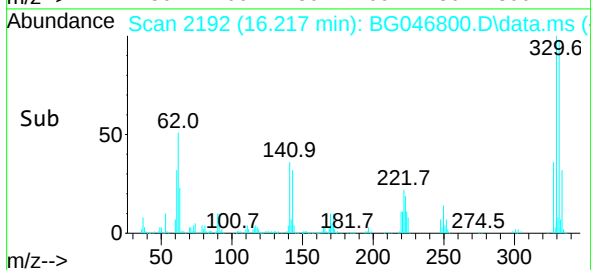
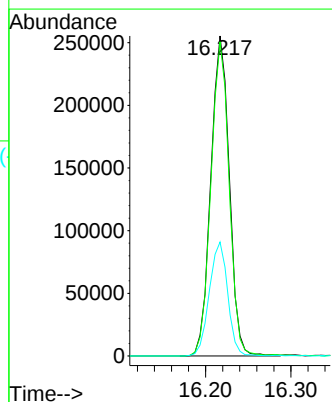
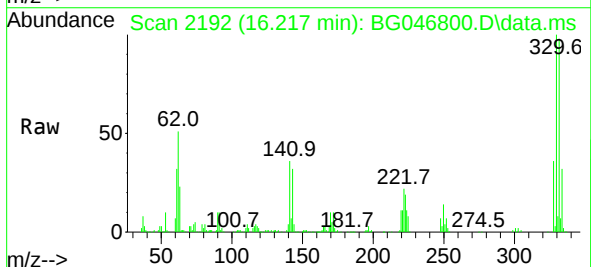


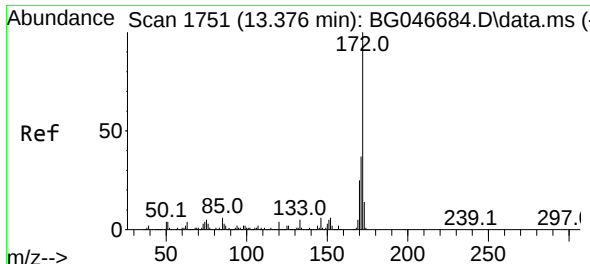
Tgt Ion:164 Resp: 178057
Ion Ratio Lower Upper
164 100
162 103.6 82.3 123.5
160 42.9 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 163.98 ng
RT: 16.217 min Scan# 2192
Delta R.T. 0.001 min
Lab File: BG046800.D
Acq: 7 Oct 2020 13:43

Tgt Ion:330 Resp: 384992
Ion Ratio Lower Upper
330 100
332 96.6 76.5 114.7
141 35.4 26.0 39.0

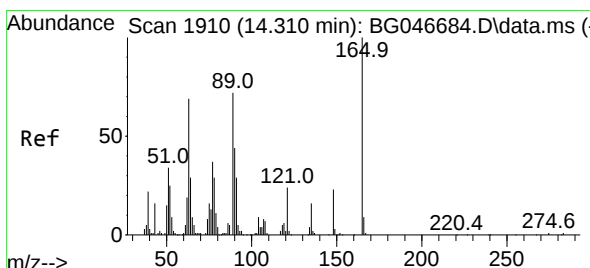
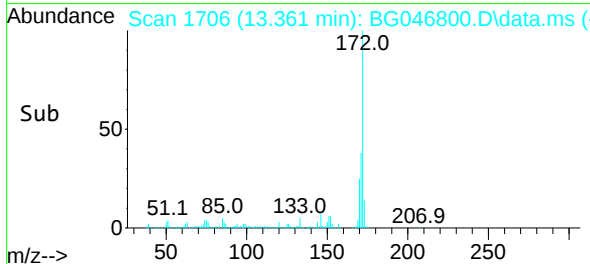
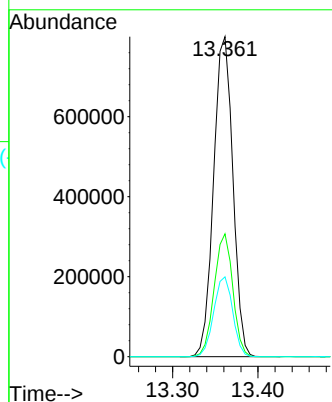
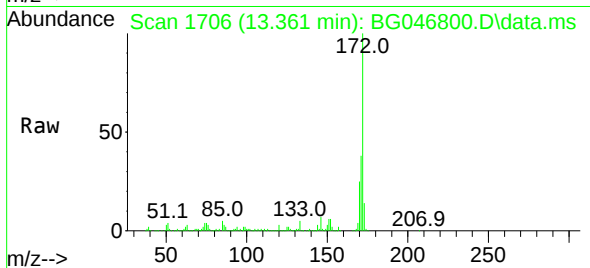




#45
2-Fluorobiphenyl
Concen: 99.72 ng
RT: 13.361 min Scan# 1706
Delta R.T. 0.001 min
Lab File: BG046800.D
Acq: 7 Oct 2020 13:43

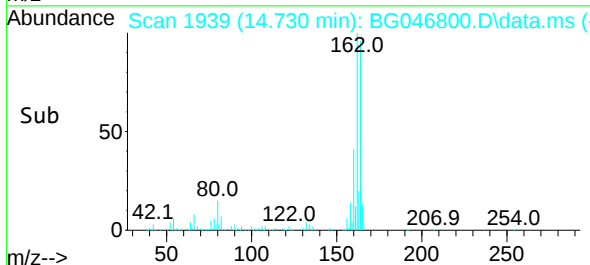
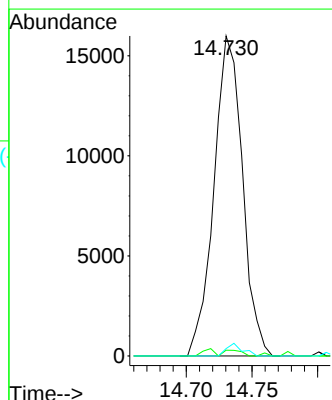
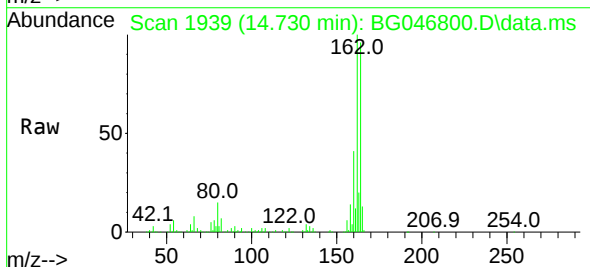
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BNA_G
ClientSampleId :
PB132169BL

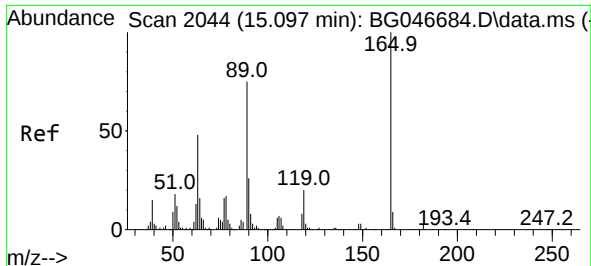
Tgt Ion:172 Resp: 1254181
Ion Ratio Lower Upper
172 100
171 38.4 31.3 46.9
170 25.0 20.8 31.2



#51
2,6-Dinitrotoluene
Concen: 10.45 ng
RT: 14.730 min Scan# 1939
Delta R.T. 0.430 min
Lab File: BG046800.D
Acq: 7 Oct 2020 13:43

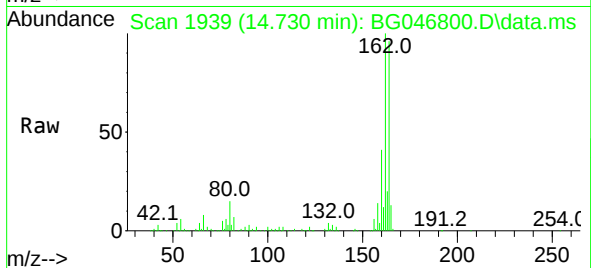
Tgt Ion:165 Resp: 24145
Ion Ratio Lower Upper
165 100
63 1.8 33.7 50.5#
89 2.3 36.6 54.8#



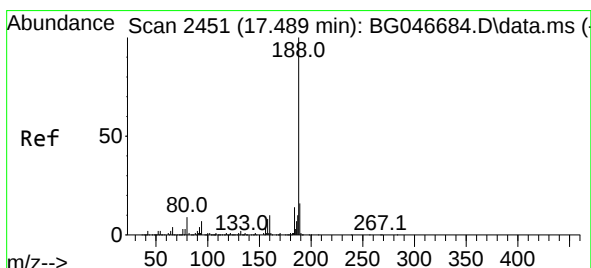
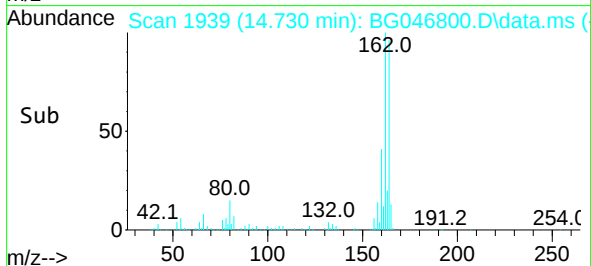
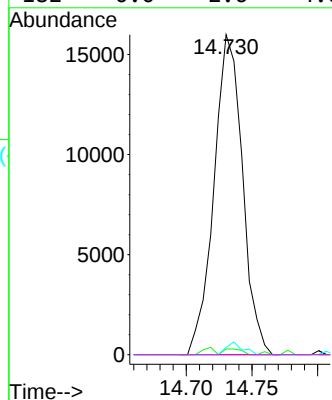


#57
2,4-Dinitrotoluene
Concen: 7.89 ng
RT: 14.730 min Scan# 1939
Delta R.T. -0.352 min
Lab File: BG046800.D
Acq: 7 Oct 2020 13:43

Instrument :
BNA_G
ClientSampleId :
PB132169BL

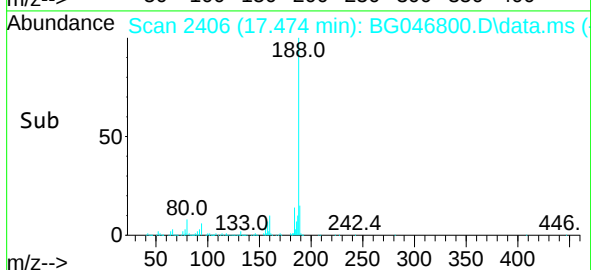
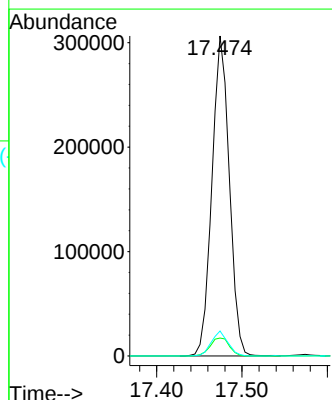
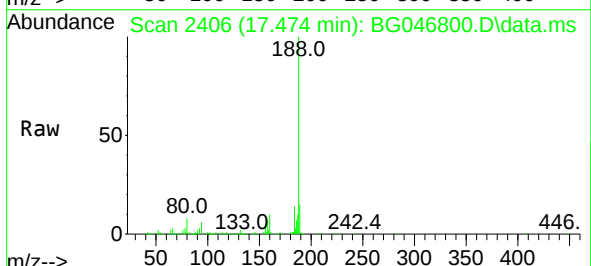


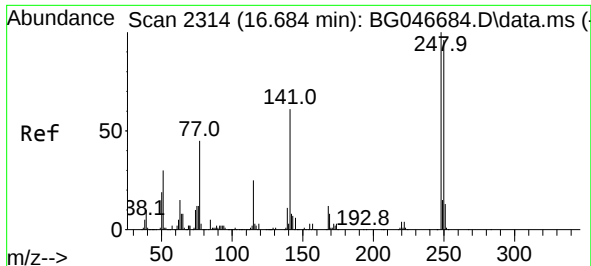
Tgt Ion:165 Resp: 24145
Ion Ratio Lower Upper
165 100
63 1.8 26.4 39.6#
89 2.3 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.474 min Scan# 2406
Delta R.T. -0.005 min
Lab File: BG046800.D
Acq: 7 Oct 2020 13:43

Tgt Ion:188 Resp: 433885
Ion Ratio Lower Upper
188 100
94 5.6 6.3 9.5#
80 7.8 7.0 10.6

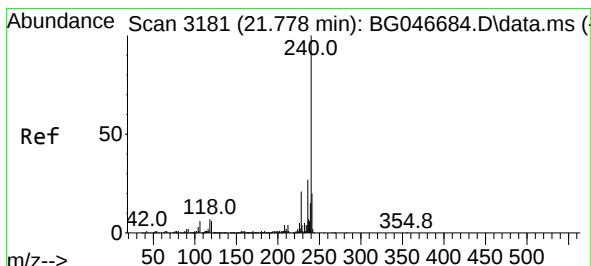
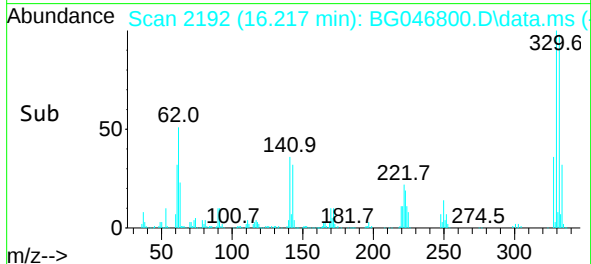
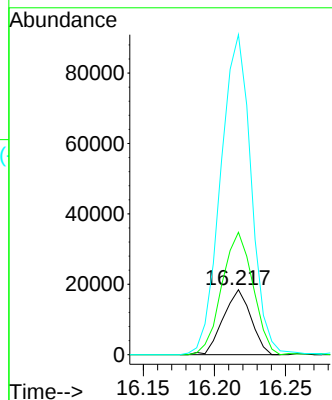
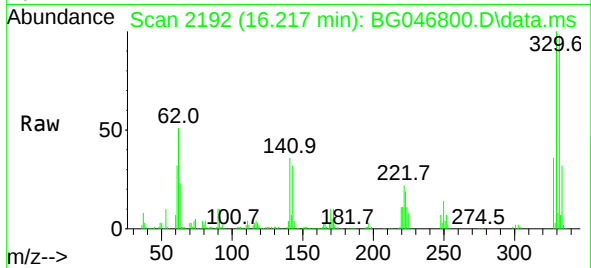




#67
4-Bromophenyl-phenylether
Concen: 4.56 ng
RT: 16.217 min Scan# 2192
Delta R.T. -0.446 min
Lab File: BG046800.D
Acq: 7 Oct 2020 13:43

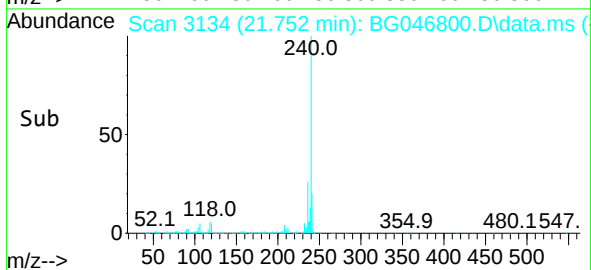
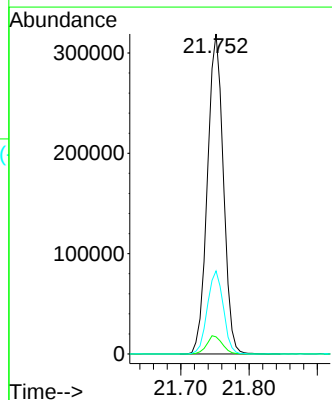
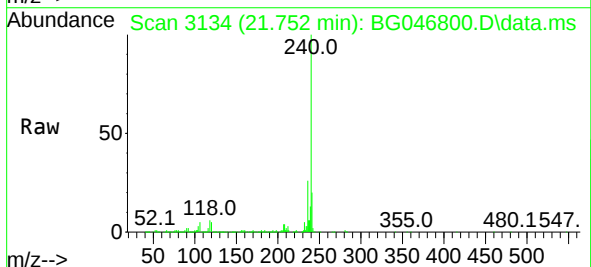
Instrument :
BNA_G
ClientSampled :
PB132169BL

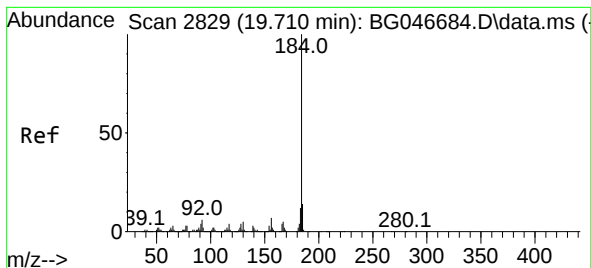
Tgt Ion:248 Resp: 25026
Ion Ratio Lower Upper
248 100
250 182.7 78.9 118.3#
141 364.0 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.752 min Scan# 3134
Delta R.T. -0.005 min
Lab File: BG046800.D
Acq: 7 Oct 2020 13:43

Tgt Ion:240 Resp: 517510
Ion Ratio Lower Upper
240 100
120 5.3 6.2 9.4#
236 25.9 20.5 30.7





#77

Benzidine

Concen: 2.52 ng

RT: 20.083 min Scan# 2850

Delta R.T. 0.383 min

Lab File: BG046800.D

Acq: 7 Oct 2020 13:43

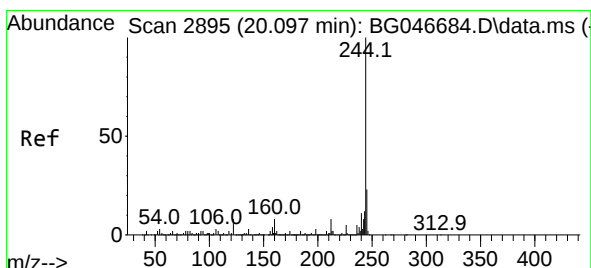
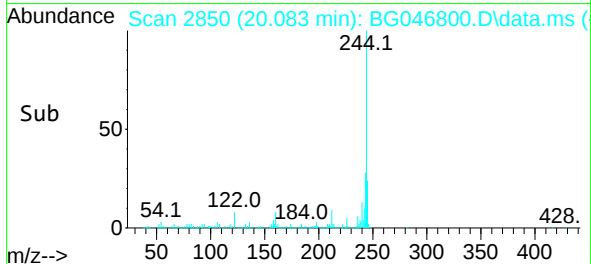
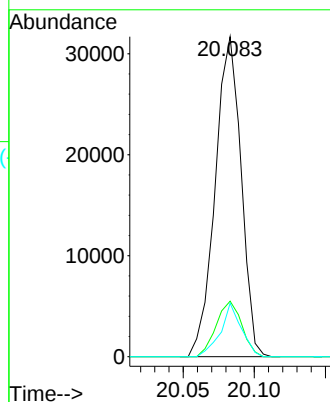
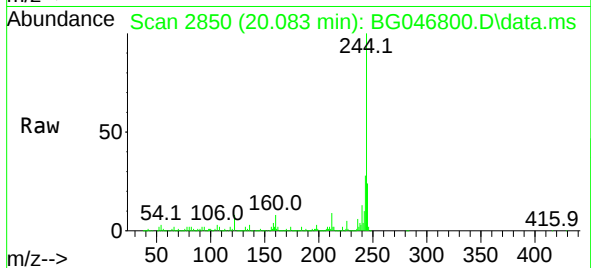
Instrument :

BNA_G

ClientSampleId :

PB132169BL

Tgt Ion:184	Resp:	40156
Ion Ratio	Lower	Upper
184	100	
185	17.3	12.4 18.6
183	16.7	10.6 15.8#



#79

Terphenyl-d14

Concen: 87.40 ng

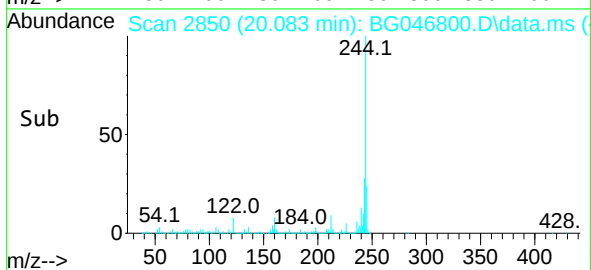
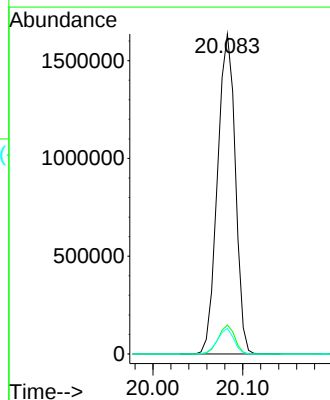
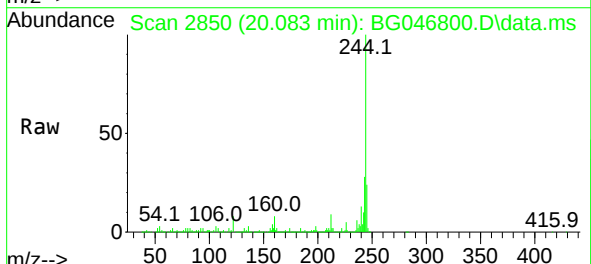
RT: 20.083 min Scan# 2850

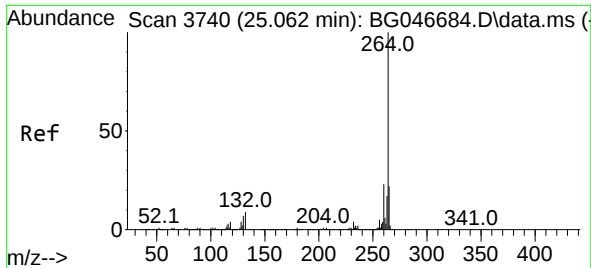
Delta R.T. 0.001 min

Lab File: BG046800.D

Acq: 7 Oct 2020 13:43

Tgt Ion:244	Resp:	2256796
Ion Ratio	Lower	Upper
244	100	
212	9.1	6.7 10.1
122	8.0	7.8 11.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.024 min Scan# 3691
 Delta R.T. -0.005 min
 Lab File: BG046800.D
 Acq: 7 Oct 2020 13:43

Instrument :
 BNA_G
 ClientSampleId :
 PB132169BL

Tgt Ion:264 Resp: 511294
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.8 28.2
 265 21.9 17.8 26.8

