

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080320\
 Data File : BG046155.D
 Acq On : 3 Aug 2020 18:42
 Operator : CG/JU
 Sample : L3537-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JTY1-WC-L-01

Quant Time: Aug 04 00:57:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 18:43:49 2020
 Response via : Initial Calibration

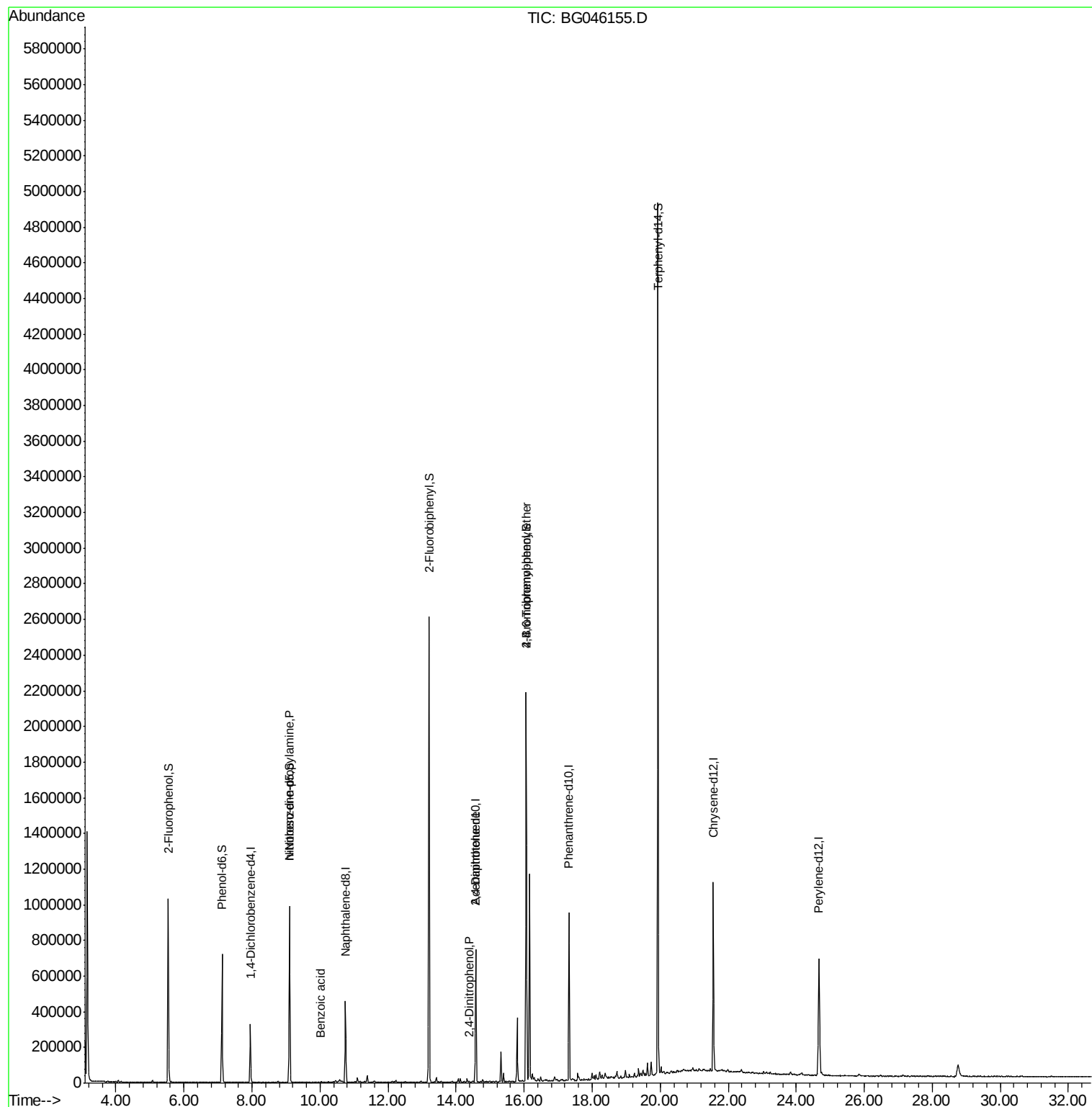
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	98124	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	397031	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	259186	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	596997	20.00	ng	0.00
76) Chrysene-d12	21.56	240	640797	20.00	ng	-0.01
86) Perylene-d12	24.67	264	666479	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	465061	82.39	ng	0.00
7) Phenol-d6	7.12	99	423449	55.04	ng	0.00
23) Nitrobenzene-d5	9.10	82	606608	82.72	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	445070	111.80	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	1383736	77.55	ng	0.00
79) Terphenyl-d14	19.93	244	2063728	65.59	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.10	70	78279	15.635	ng	# 77
32) Benzoic acid	10.02	122	53	9.420	ng	# 30
54) 2,4-Dinitrophenol	14.37	184	60	7.085	ng	# 28
57) 2,4-Dinitrotoluene	14.57	165	34296	5.388	ng	# 29
67) 4-Bromophenyl-phenylether	16.07	248	28331	3.841	ng	# 1

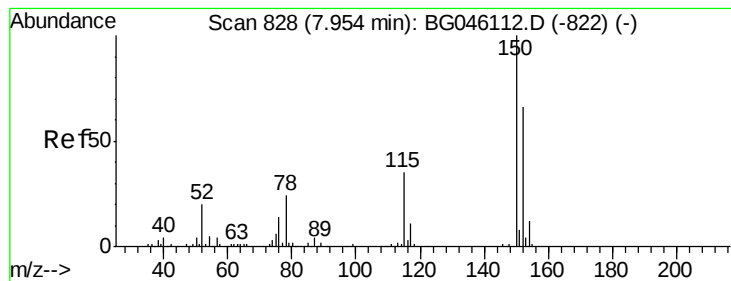
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
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QLast Update : Thu Jul 30 18:43:49 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.95 min Scan# 828

Delta R.T. -0.00 min

Lab File: BG046155.D

Acq: 3 Aug 2020 18:42

Instrument :

BNA_G

ClientSampleId :

JTY1-WC-L-01

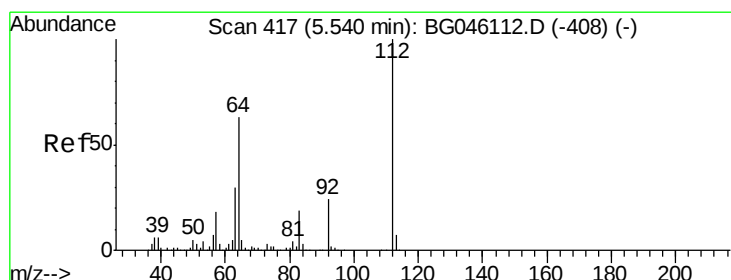
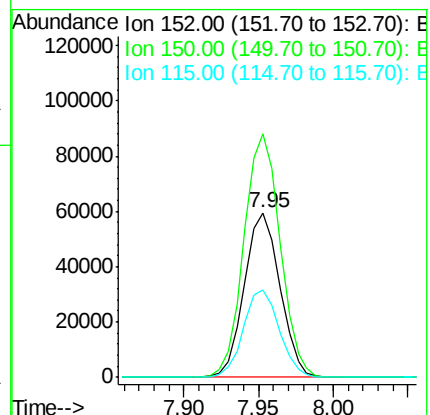
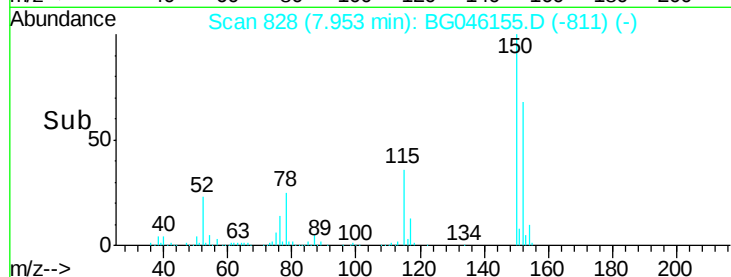
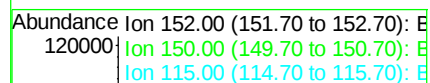
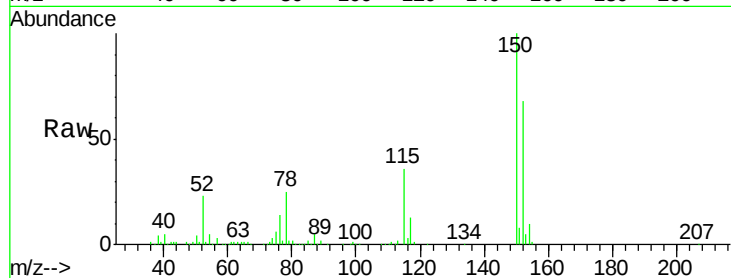
Tot Ion:152 Resp: 98124

Ion Ratio Lower Upper

152 100

150 147.9 122.1 183.1

115 53.5 43.2 64.8



#5

2-Fluorophenol

Concen: 82.390 ng

RT: 5.54 min Scan# 417

Delta R.T. -0.00 min

Lab File: BG046155.D

Acq: 3 Aug 2020 18:42

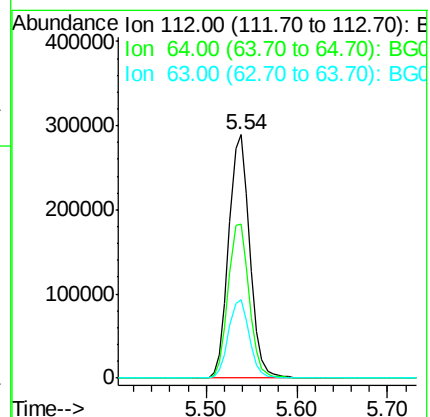
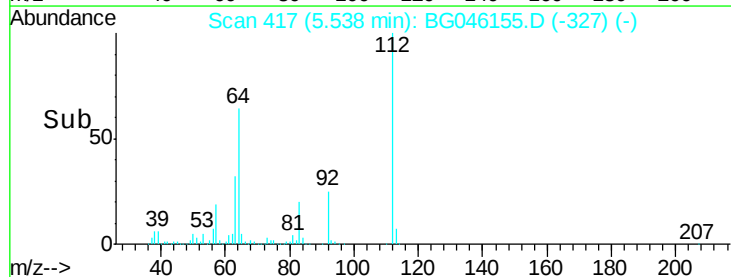
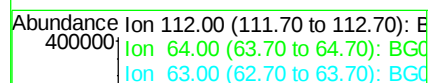
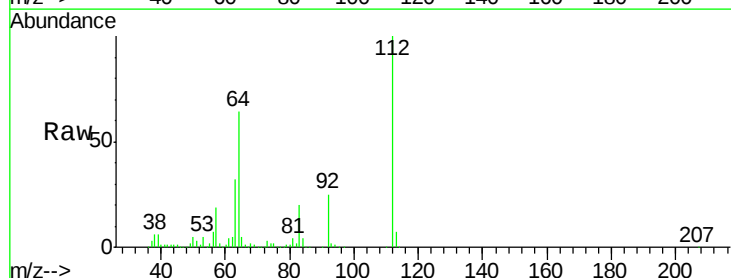
Tgt Ion:112 Resp: 465061

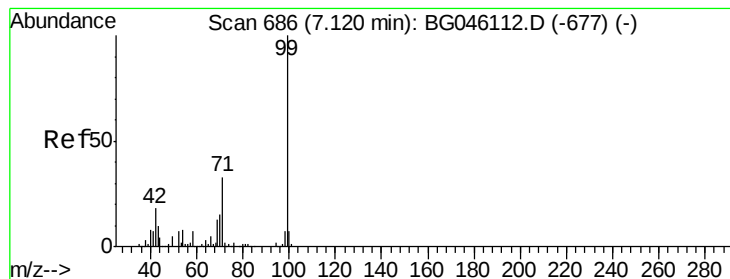
Ion Ratio Lower Upper

112 100

64 63.5 50.2 75.2

63 32.3 24.2 36.4





#7

Phenol-d6

Concen: 55.045 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG046155.D

Acq: 3 Aug 2020 18:42

Instrument :

BNA_G

ClientSampleId :

JTY1-WC-L-01

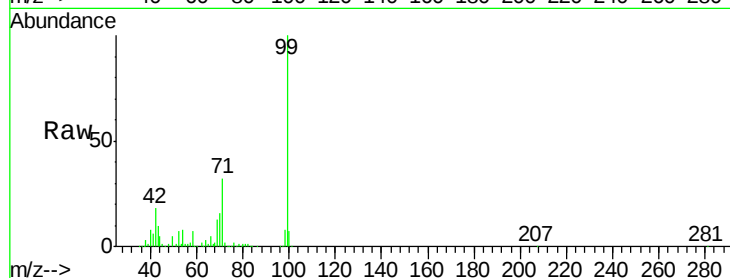
Tot Ion: 99 Resp: 423449

Ion Ratio Lower Upper

99 100

42 18.2 14.7 22.1

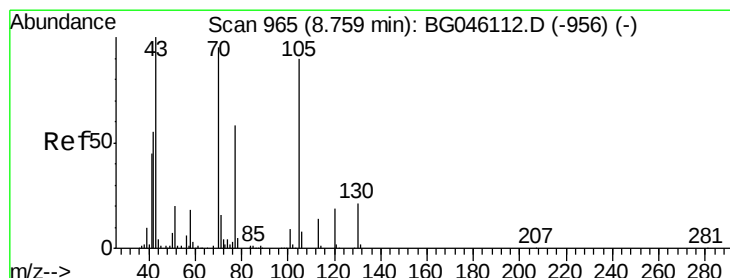
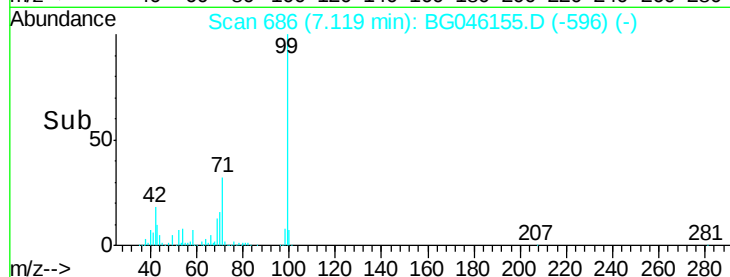
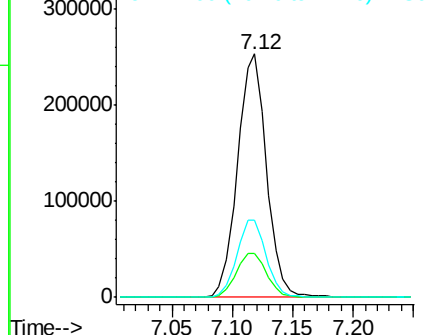
71 31.6 26.5 39.7



Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 15.635 ng

RT: 9.10 min Scan# 1024

Delta R.T. 0.35 min

Lab File: BG046155.D

Acq: 3 Aug 2020 18:42

Tgt Ion: 70 Resp: 78279

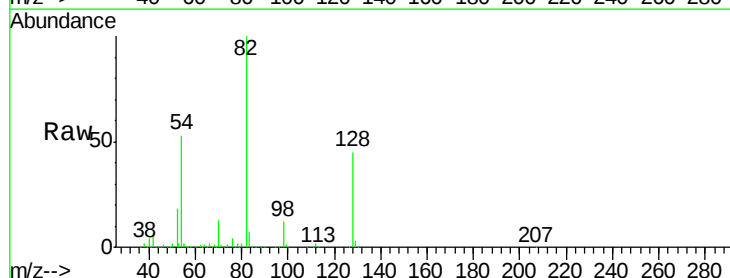
Ion Ratio Lower Upper

70 100

42 45.9 46.5 69.7#

101 0.0 7.6 11.4#

130 2.1 17.3 25.9#

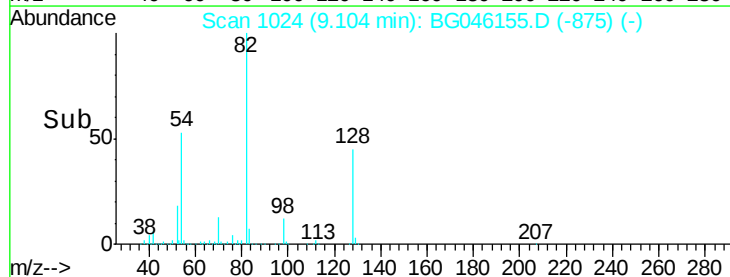
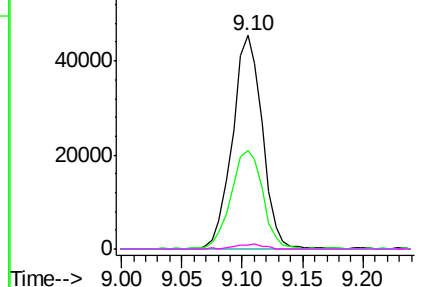


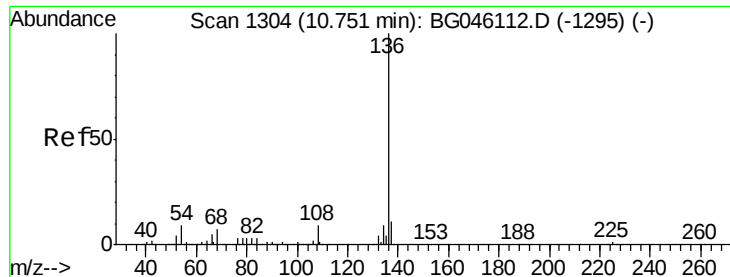
Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.75 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BG046155.D

Acq: 3 Aug 2020 18:42

Instrument :

BNA_G

ClientSampleId :

JTY1-WC-L-01

Tot Ion:136 Resp: 397031

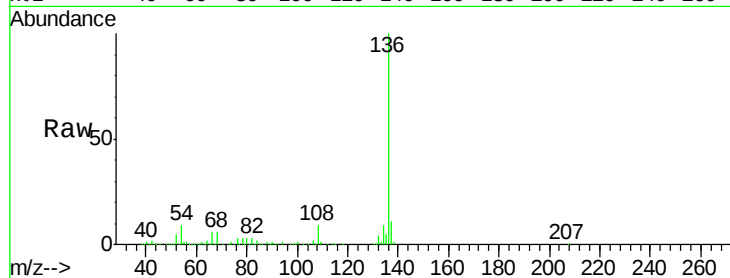
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 9.2 7.0 10.4

68 6.2 5.3 7.9

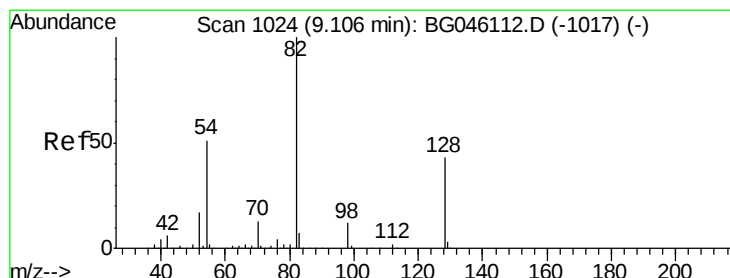
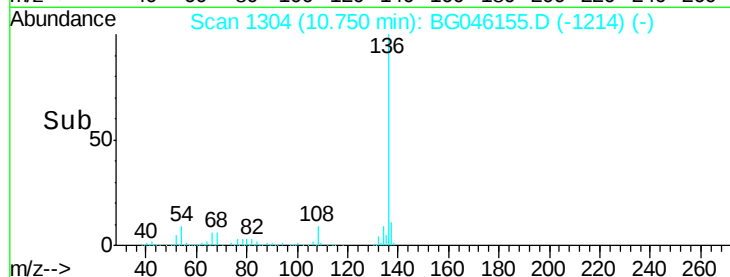
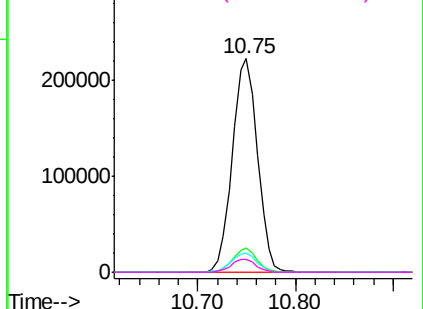


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 82.723 ng

RT: 9.10 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BG046155.D

Acq: 3 Aug 2020 18:42

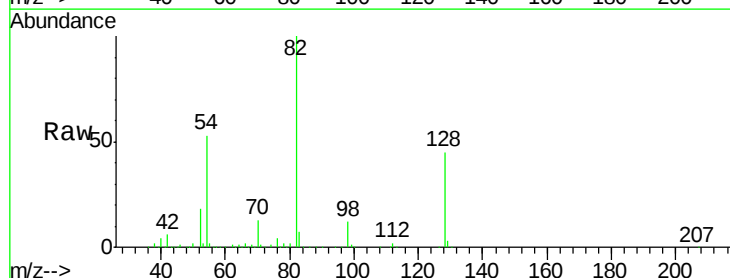
Tgt Ion: 82 Resp: 606608

Ion Ratio Lower Upper

82 100

128 44.6 34.4 51.6

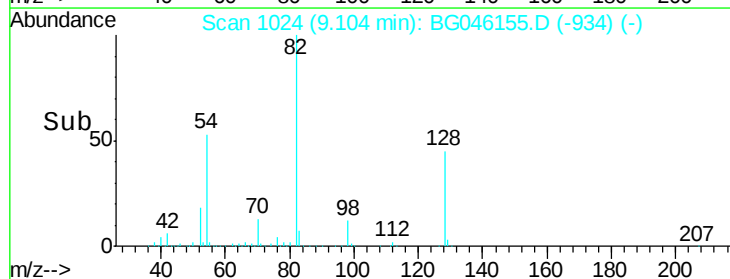
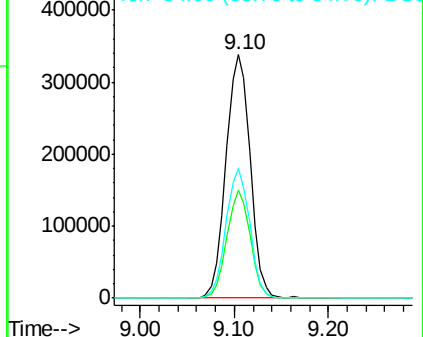
54 53.5 40.8 61.2

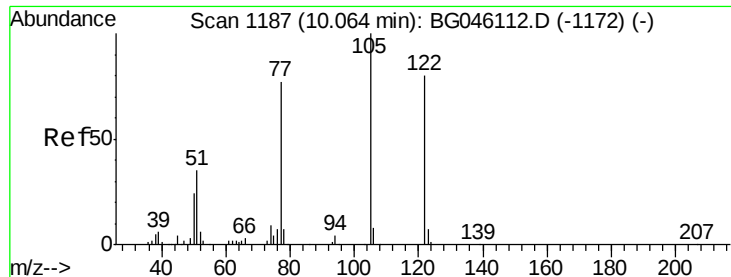


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#32

Benzoic acid

Concen: 9.420 ng

RT: 10.02 min Scan# 1180

Delta R.T. -0.04 min

Lab File: BG046155.D

Acq: 3 Aug 2020 18:42

Instrument :

BNA_G

ClientSampleId :

JTY1-WC-L-01

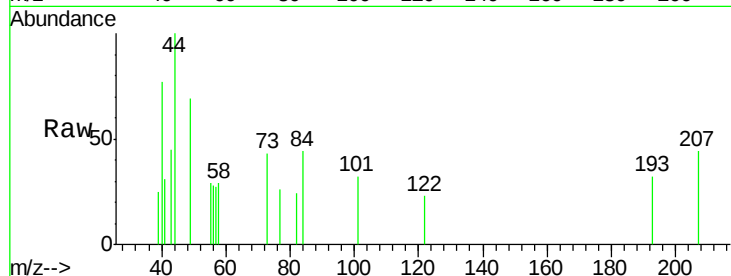
Tot Ion:122 Resp: 53

Ion Ratio Lower Upper

122 100

105 0.0 103.0 143.0#

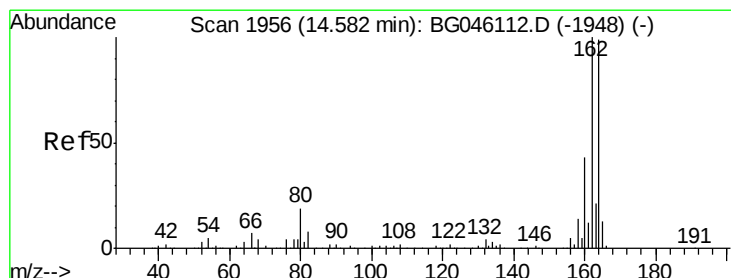
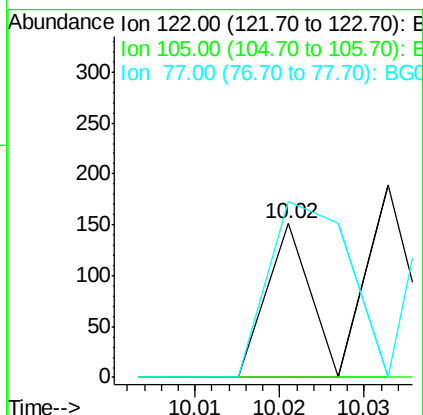
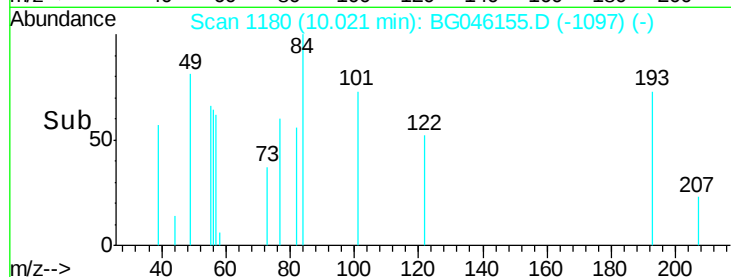
77 114.6 75.2 115.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): B



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG046155.D

Acq: 3 Aug 2020 18:42

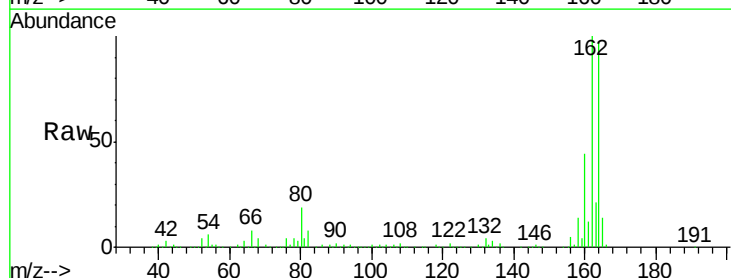
Tgt Ion:164 Resp: 259186

Ion Ratio Lower Upper

164 100

162 103.6 80.6 121.0

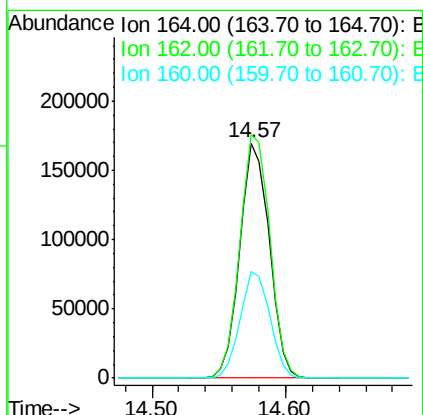
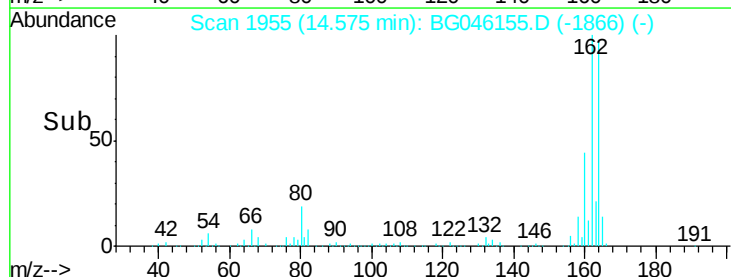
160 45.4 34.9 52.3

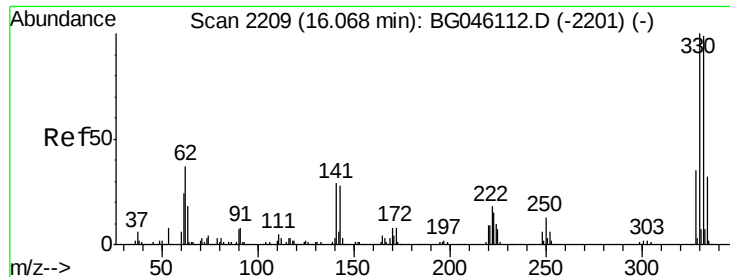


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

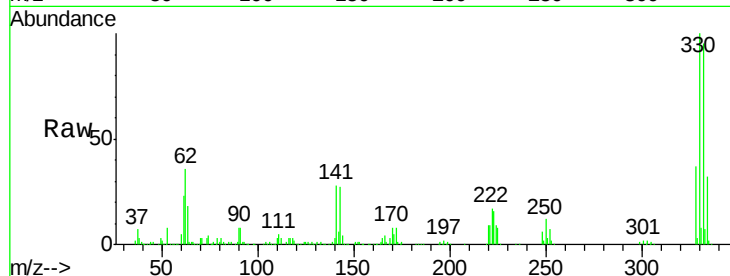




#42
 2,4,6-Tribromophenol
 Concen: 111.797 ng
 RT: 16.07 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: BG046155.D
 Acq: 3 Aug 2020 18:42

Instrument :
 BNA_G
 ClientSampleId :
 JTY1-WC-L-01

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.4	116.2
141	30.7	23.4	35.0

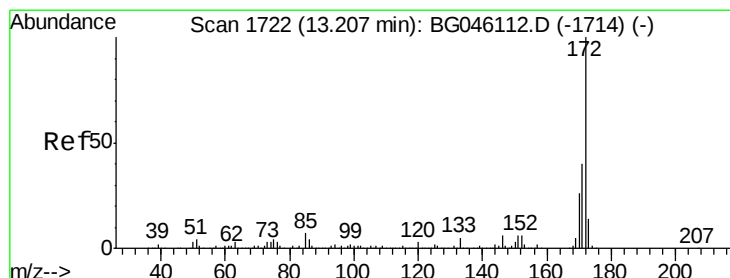
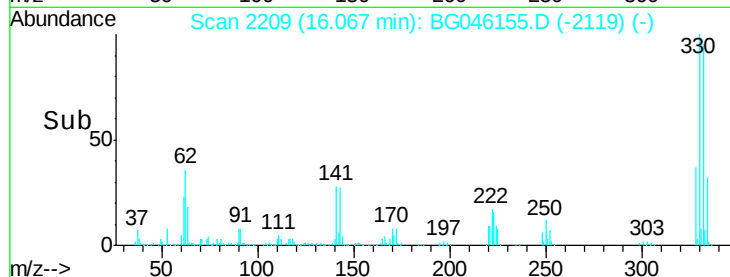
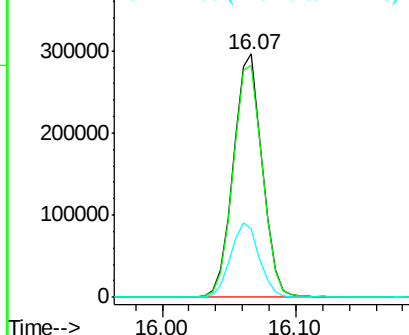


Abundance

Ion 329.80 (329.50 to 330.50): E

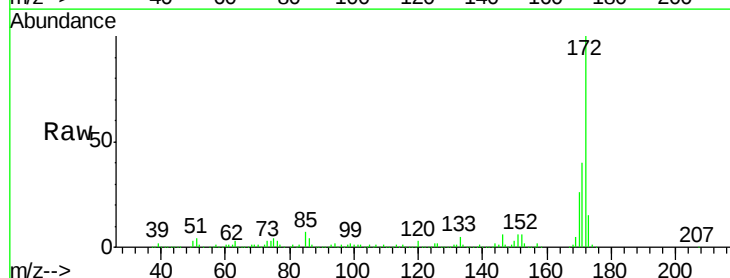
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 77.553 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG046155.D
 Acq: 3 Aug 2020 18:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.7	31.7	47.5
170	26.1	20.9	31.3

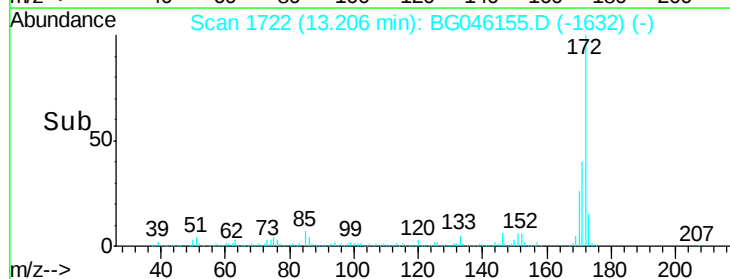
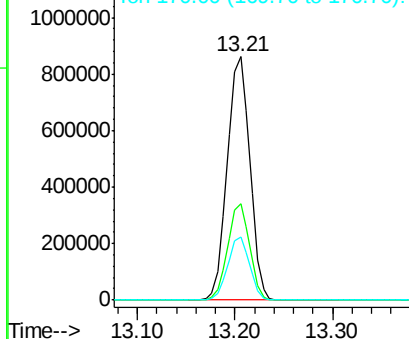


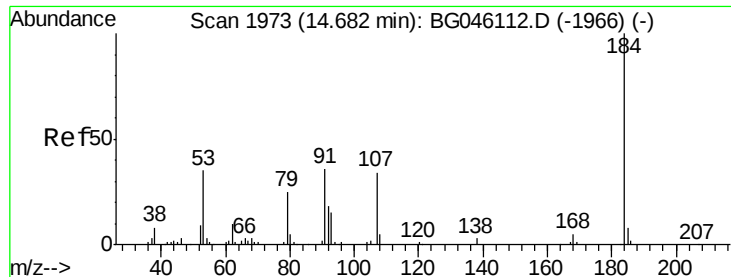
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

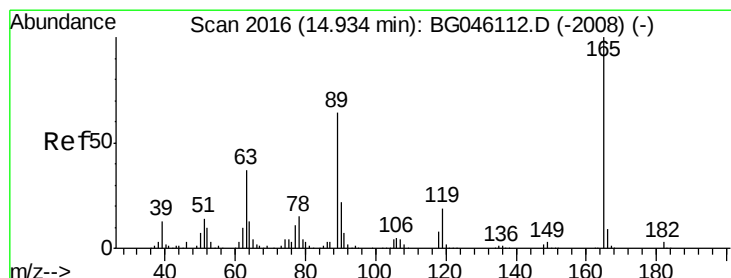
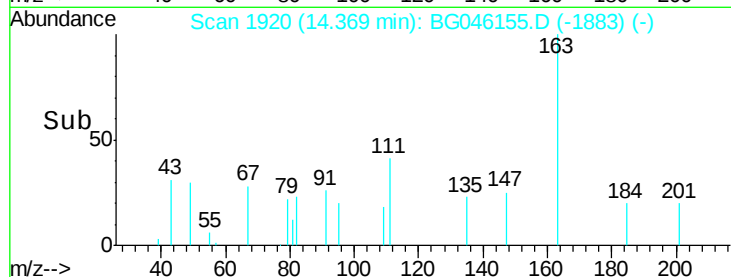
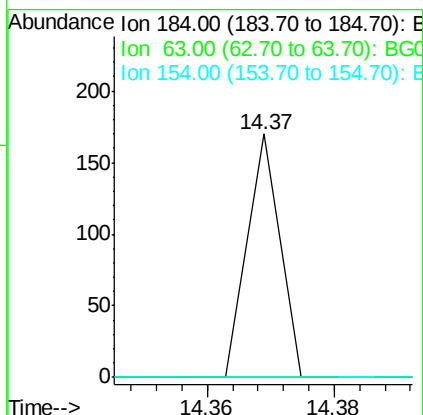
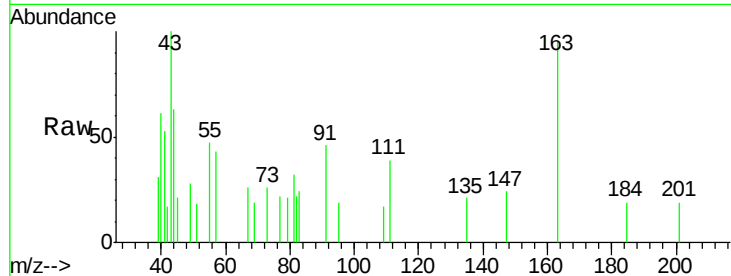




#54
2,4-Dinitrophenol
Concen: 7.085 ng
RT: 14.37 min Scan# 1920
Delta R.T. -0.31 min
Lab File: BG046155.D
Acq: 3 Aug 2020 18:42

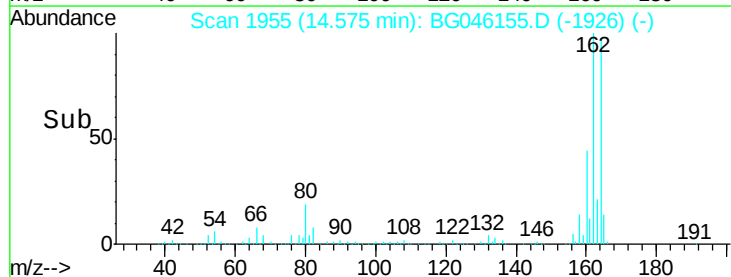
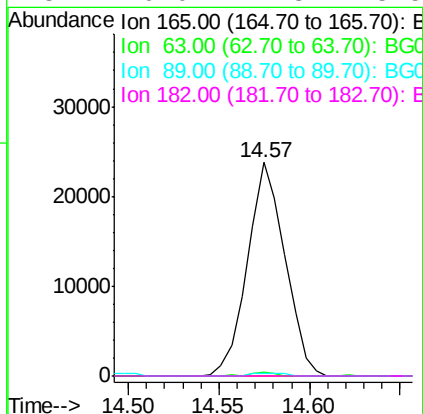
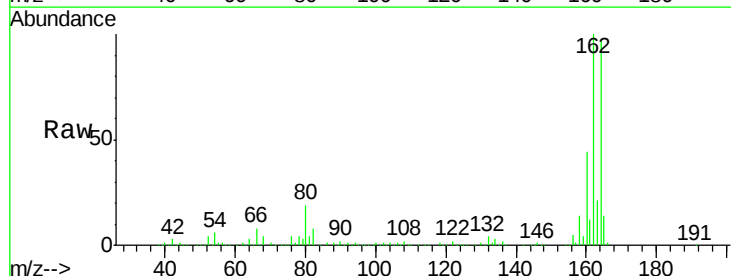
Instrument :
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JTY1-WC-L-01

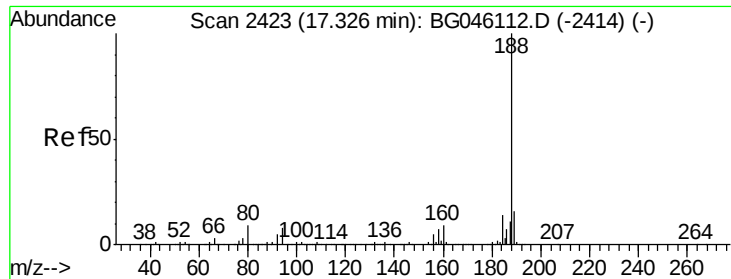
Tot Ion:184 Resp: 60
Ion Ratio Lower Upper
184 100
63 0.0 36.7 55.1#
154 0.0 41.3 61.9#



#57
2,4-Dinitrotoluene
Concen: 5.388 ng
RT: 14.57 min Scan# 1955
Delta R.T. -0.36 min
Lab File: BG046155.D
Acq: 3 Aug 2020 18:42

Tgt Ion:165 Resp: 34296
Ion Ratio Lower Upper
165 100
63 2.0 30.1 45.1#
89 1.5 51.4 77.2#
182 0.0 2.3 3.5#

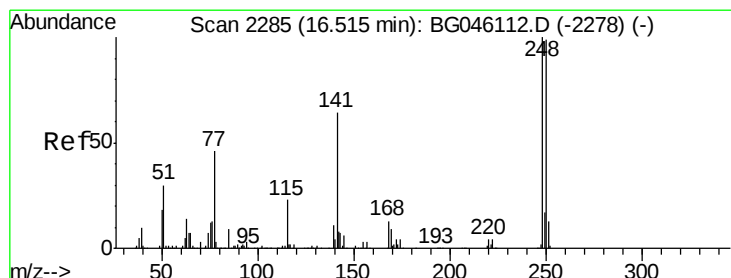
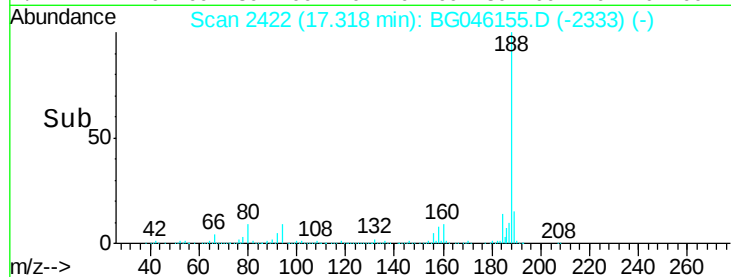
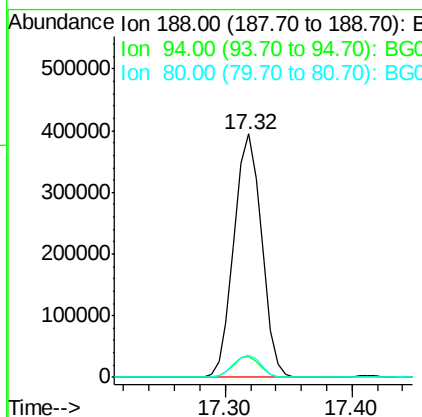
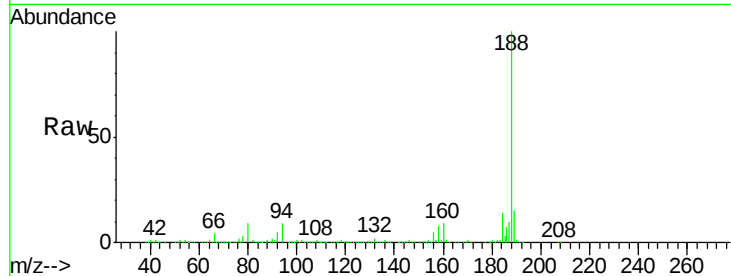




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.32 min Scan# 2422
 Delta R.T. -0.01 min
 Lab File: BG046155.D
 Acq: 3 Aug 2020 18:42

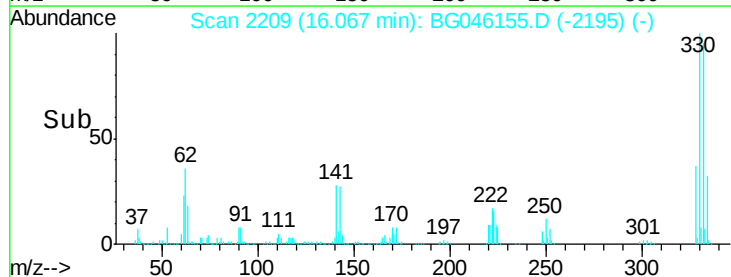
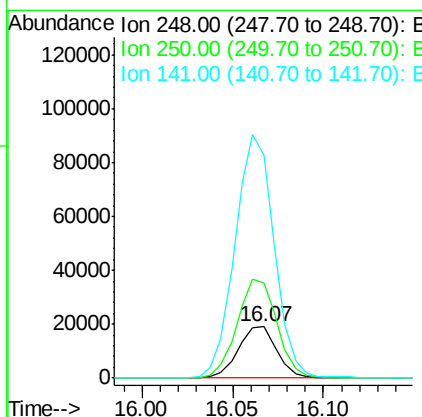
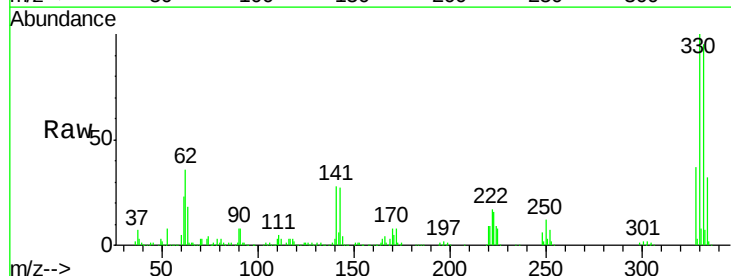
Instrument :
 BNA_G
 ClientSampleId :
 JTY1-WC-L-01

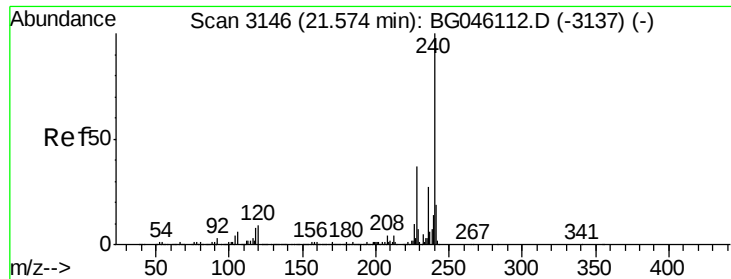
Tot Ion:188 Resp: 596997
 Ion Ratio Lower Upper
 188 100
 94 8.5 6.4 9.6
 80 9.0 7.4 11.0



#67
 4-Bromophenyl-phenylether
 Concen: 3.841 ng
 RT: 16.07 min Scan# 2209
 Delta R.T. -0.45 min
 Lab File: BG046155.D
 Acq: 3 Aug 2020 18:42

Tgt Ion:248 Resp: 28331
 Ion Ratio Lower Upper
 248 100
 250 185.0 79.4 119.0#
 141 434.7 50.9 76.3#

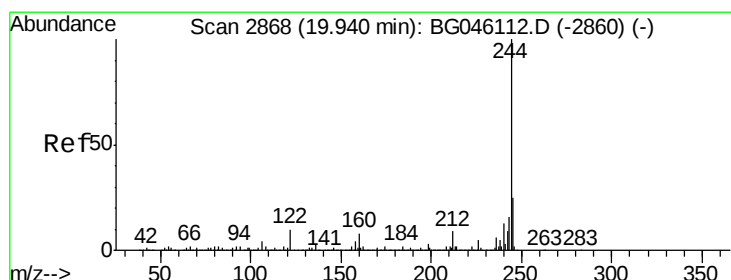
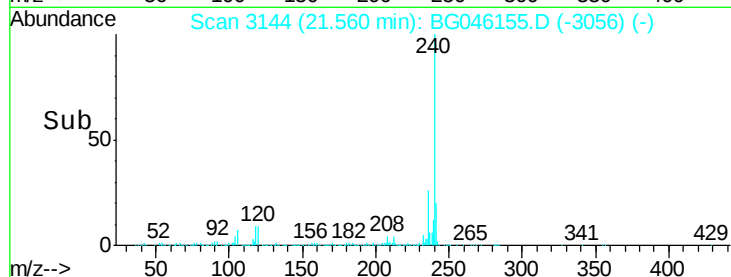
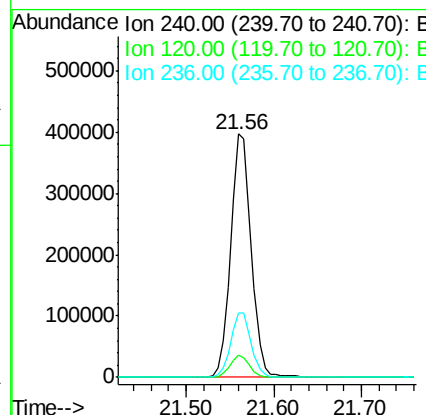
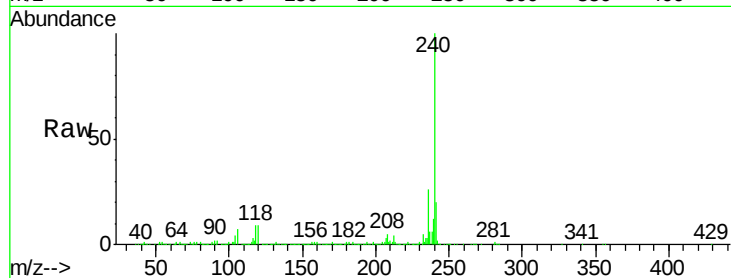




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG046155.D
Acq: 3 Aug 2020 18:42

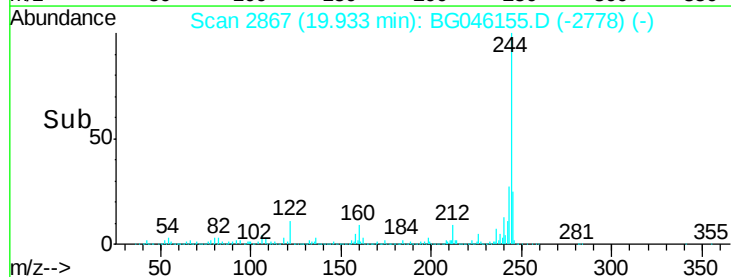
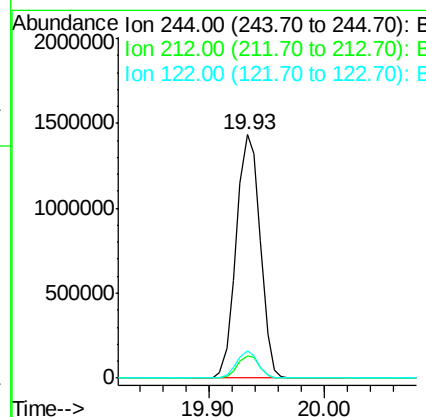
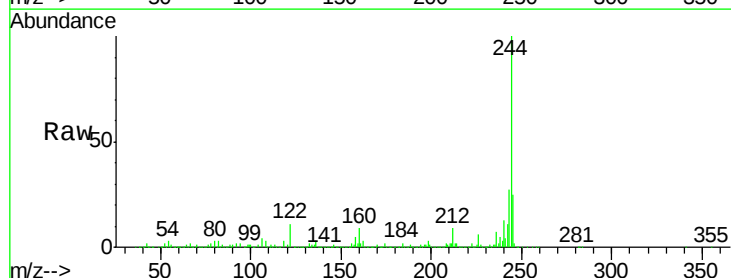
Instrument :
BNA_G
ClientSampleId :
JTY1-WC-L-01

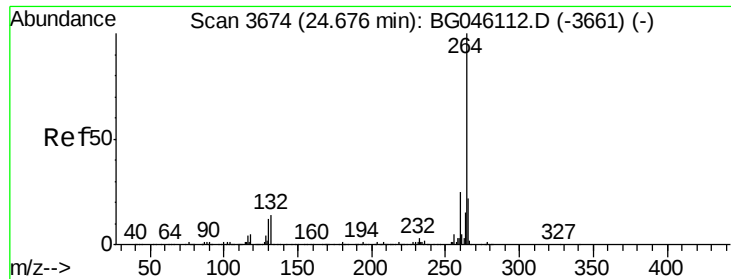
Tot Ion:240 Resp: 640797
Ion Ratio Lower Upper
240 100
120 9.1 7.1 10.7
236 26.3 21.7 32.5



#79
Terphenyl-d14
Concen: 65.591 ng
RT: 19.93 min Scan# 2867
Delta R.T. -0.01 min
Lab File: BG046155.D
Acq: 3 Aug 2020 18:42

Tgt Ion:244 Resp: 2063728
Ion Ratio Lower Upper
244 100
212 9.3 7.2 10.8
122 11.5 8.3 12.5





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.67 min Scan# 3673
 Delta R.T. -0.01 min
 Lab File: BG046155.D
 Acq: 3 Aug 2020 18:42

Instrument :
 BNA_G
 ClientSampleId :
 JTY1-WC-L-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.7	29.5
265	21.5	17.6	26.4

