

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091620\
 Data File : BG046639.D
 Acq On : 16 Sep 2020 12:37
 Operator : CG/JU
 Sample : PB131633TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB131633TB

Quant Time: Sep 16 13:33:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 15 13:09:36 2020
 Response via : Initial Calibration

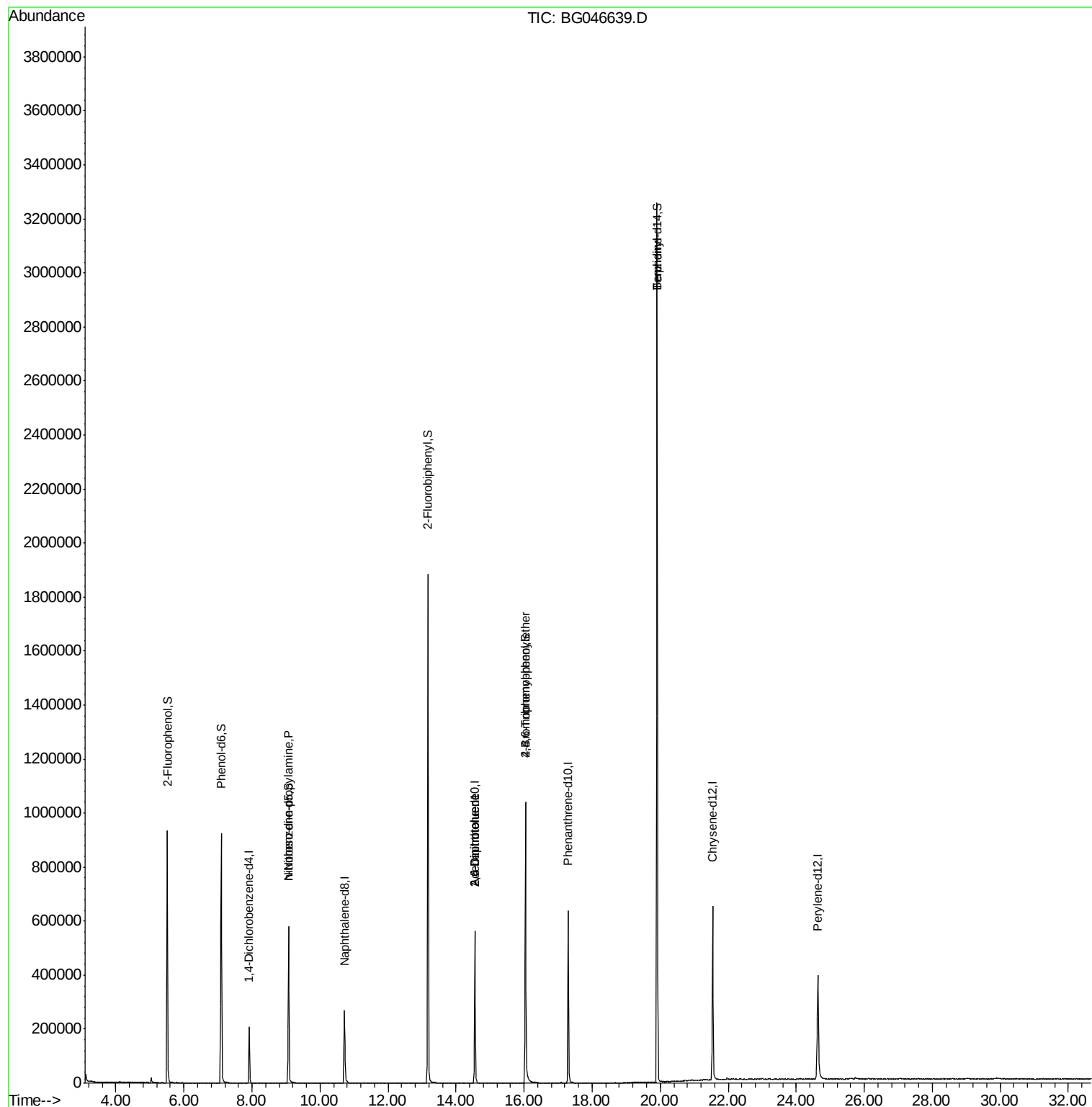
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	65930	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	284302	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	216629	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	453685	20.00	ng	0.00
76) Chrysene-d12	21.54	240	461175	20.00	ng	0.00
86) Perylene-d12	24.63	264	447224	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	444256	119.35	ng	0.00
7) Phenol-d6	7.09	99	604698	114.59	ng	0.00
23) Nitrobenzene-d5	9.07	82	379953	76.38	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	244370	83.26	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1112662	78.41	ng	0.00
79) Terphenyl-d14	19.91	244	1501221	69.28	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.07	70	47024	14.898	ng	# 74
51) 2,6-Dinitrotoluene	14.55	165	28753	7.783	ng	# 33
57) 2,4-Dinitrotoluene	14.55	165	28753	5.458	ng	# 33
67) 4-Bromophenyl-phenylether	16.04	248	18000	3.401	ng	# 1
77) Benzidine	19.91	184	21886	2.042	ng	97

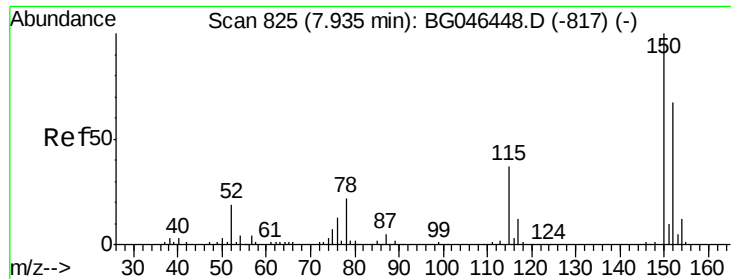
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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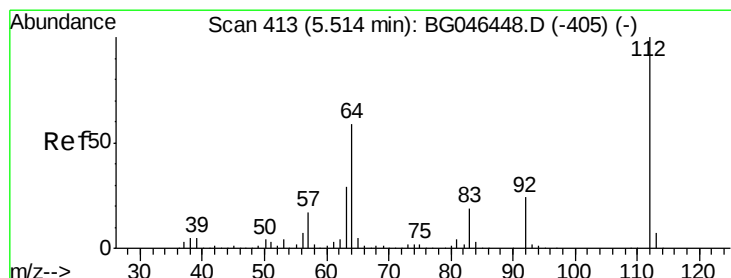
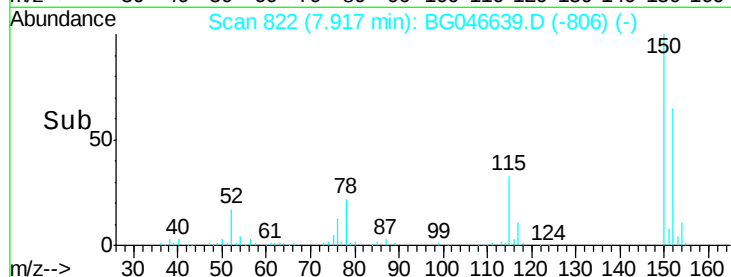
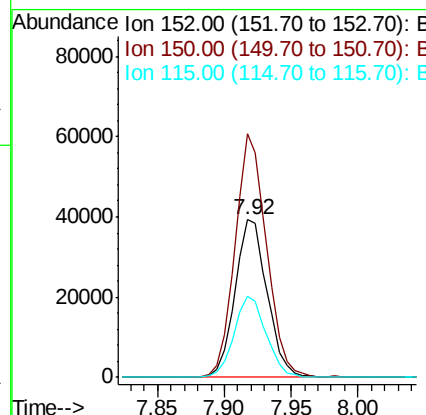
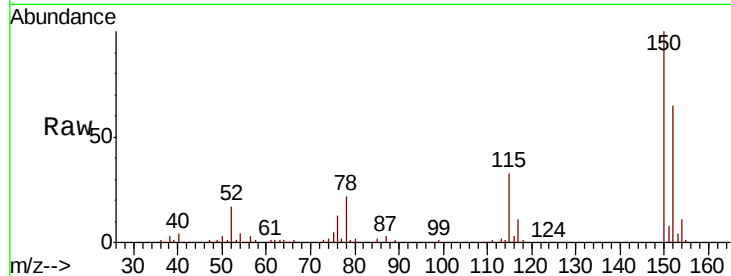




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.92 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BG046639.D
 Acq: 16 Sep 2020 12:37

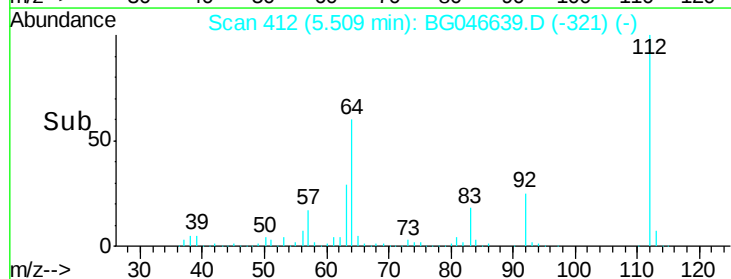
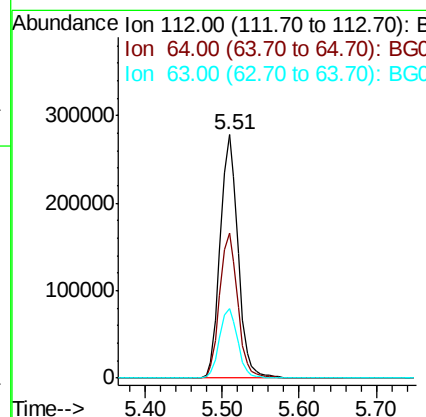
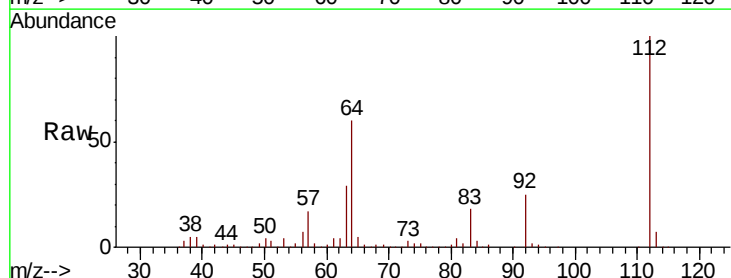
Instrument :
 BNA_G
 ClientSampleId :
 PB131633TB

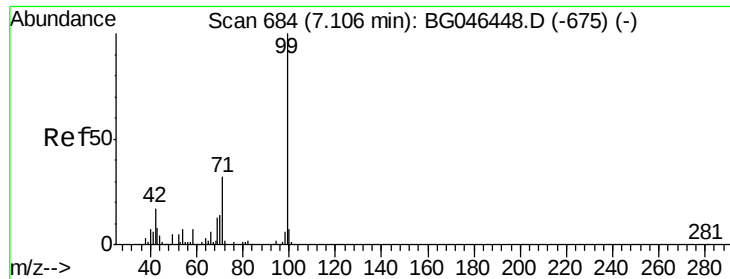
Tot Ion:152 Resp: 65930
 Ion Ratio Lower Upper
 152 100
 150 154.4 119.5 179.3
 115 51.1 44.3 66.5



#5
 2-Fluorophenol
 Concen: 119.348 ng
 RT: 5.51 min Scan# 412
 Delta R.T. 0.00 min
 Lab File: BG046639.D
 Acq: 16 Sep 2020 12:37

Tgt Ion:112 Resp: 444256
 Ion Ratio Lower Upper
 112 100
 64 59.8 47.0 70.6
 63 28.7 23.5 35.3





#7

Phenol-d6

Concen: 114.595 ng

RT: 7.09 min Scan# 682

Delta R.T. -0.00 min

Lab File: BG046639.D

Acq: 16 Sep 2020 12:37

Instrument :

BNA_G

ClientSampleId :

PB131633TB

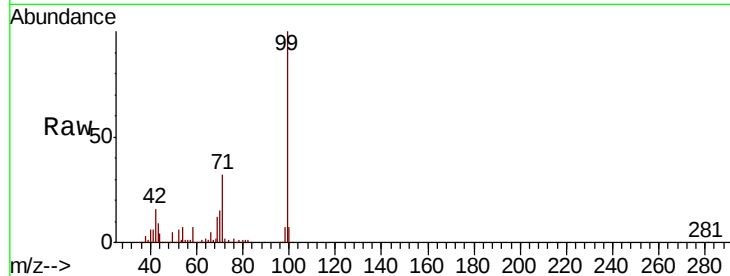
Tot Ion: 99 Resp: 604698

Ion Ratio Lower Upper

99 100

42 16.1 13.3 19.9

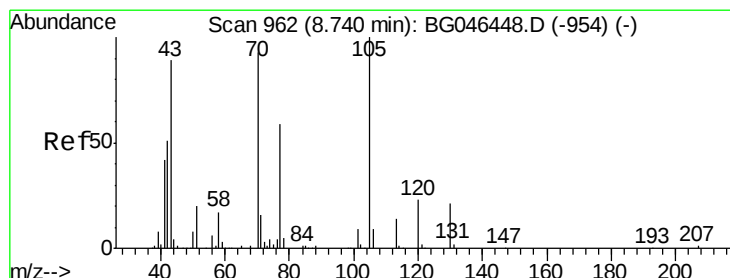
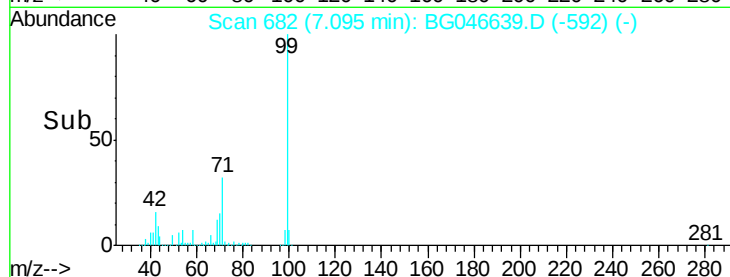
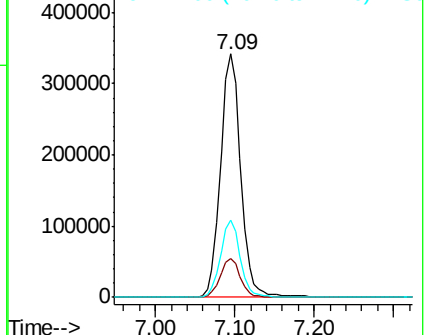
71 31.8 25.3 37.9



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: 14.898 ng

RT: 9.07 min Scan# 1019

Delta R.T. 0.35 min

Lab File: BG046639.D

Acq: 16 Sep 2020 12:37

Tgt Ion: 70 Resp: 47024

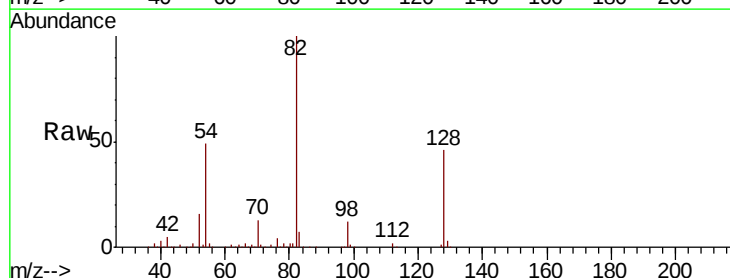
Ion Ratio Lower Upper

70 100

42 41.2 44.2 66.2#

101 0.0 7.8 11.8#

130 2.3 18.2 27.4#

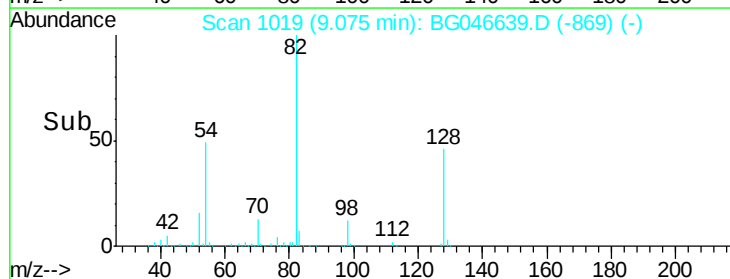
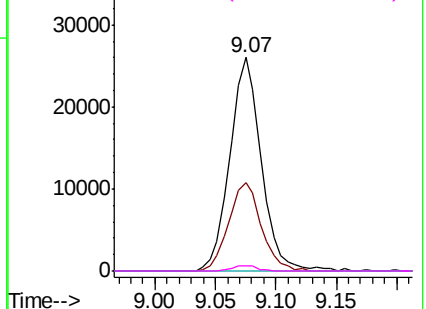


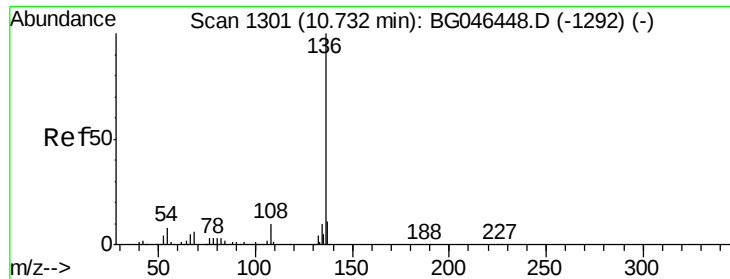
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

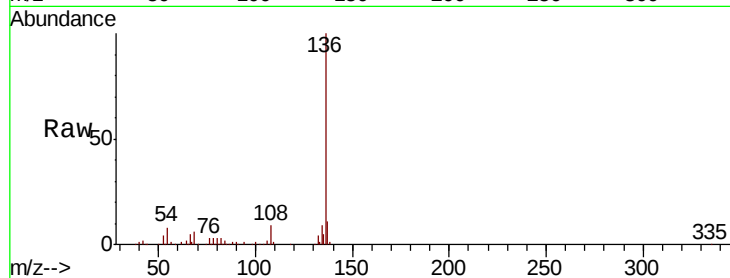




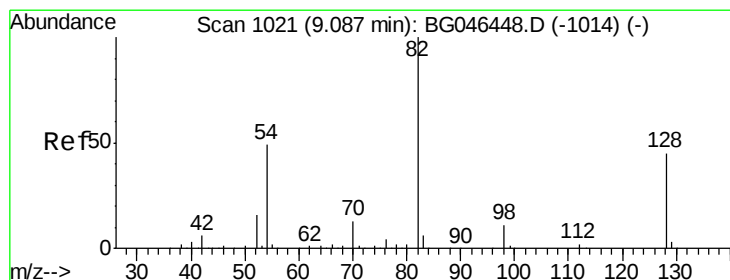
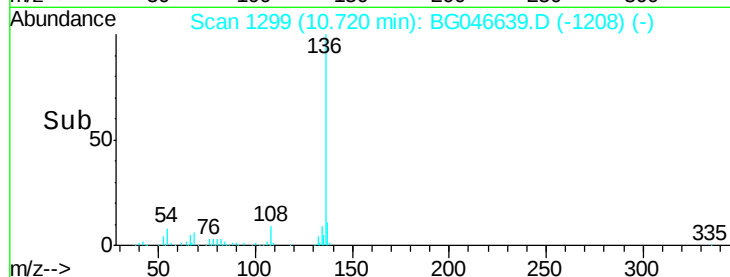
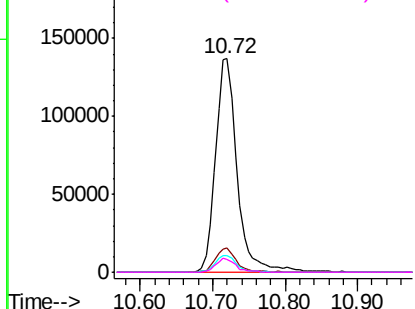
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BG046639.D
Acq: 16 Sep 2020 12:37

Instrument :
BNA_G
ClientSampleId :
PB131633TB

Tot Ion:136	Resp:	284302
Ion Ratio	Lower	Upper
136 100		
137 11.4	8.8	13.2
54 7.8	6.1	9.1
68 6.3	4.8	7.2

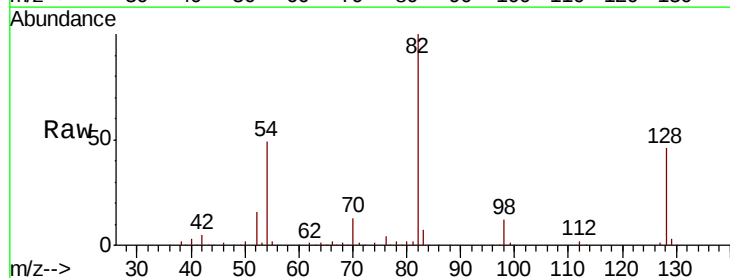


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

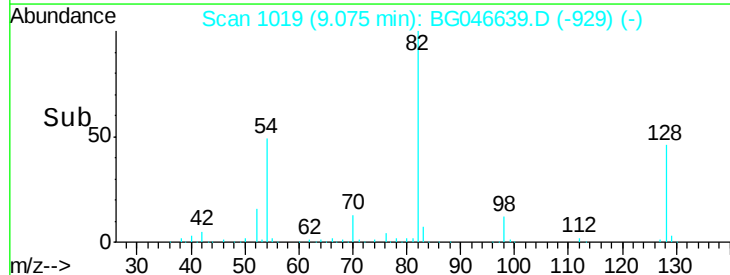
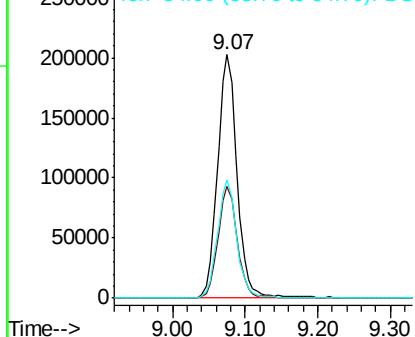


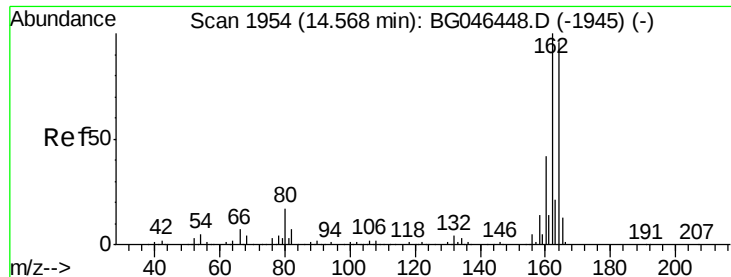
#23
Nitrobenzene-d5
Concen: 76.384 ng
RT: 9.07 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BG046639.D
Acq: 16 Sep 2020 12:37

Tgt	Ion: 82	Resp:	379953
Ion	Ratio	Lower	Upper
82	100		
128	45.8	35.7	53.5
54	48.8	39.4	59.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.55 min Scan# 1951

Delta R.T. -0.00 min

Lab File: BG046639.D

Acq: 16 Sep 2020 12:37

Instrument :

BNA_G

ClientSampleId :

PB131633TB

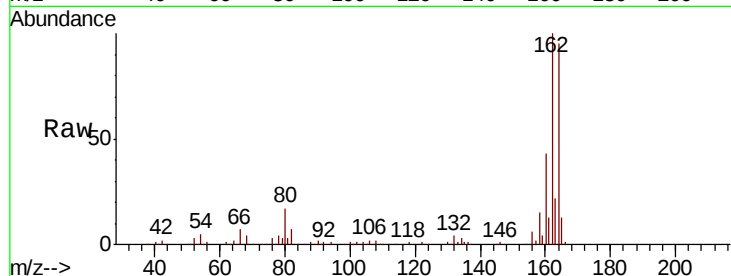
Tot Ion:164 Resp: 216629

Ion Ratio Lower Upper

164 100

162 105.1 83.3 124.9

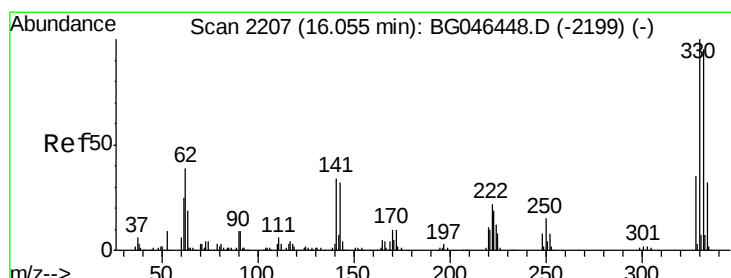
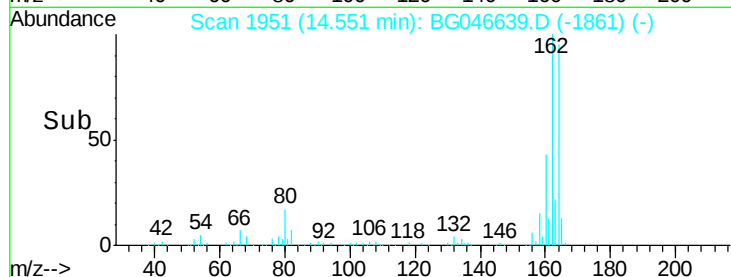
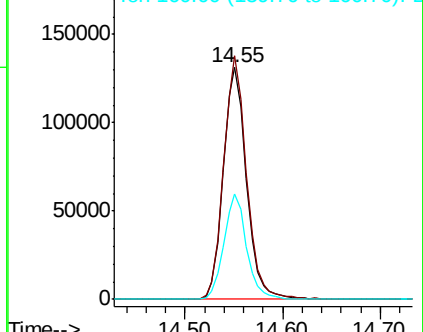
160 45.5 35.0 52.6



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: 83.256 ng

RT: 16.04 min Scan# 2205

Delta R.T. 0.00 min

Lab File: BG046639.D

Acq: 16 Sep 2020 12:37

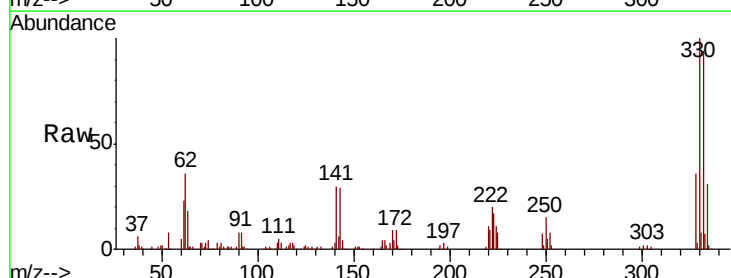
Tgt Ion:330 Resp: 244370

Ion Ratio Lower Upper

330 100

332 95.9 76.1 114.1

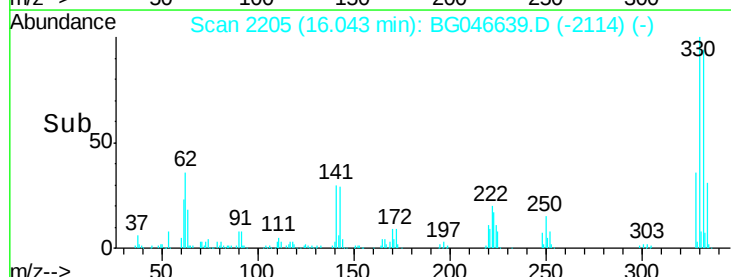
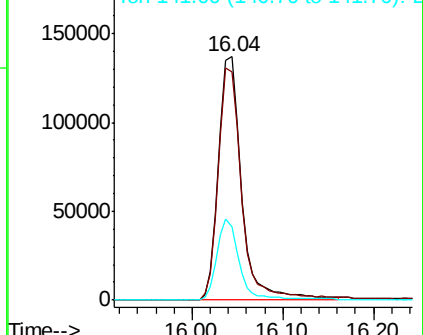
141 32.6 26.1 39.1

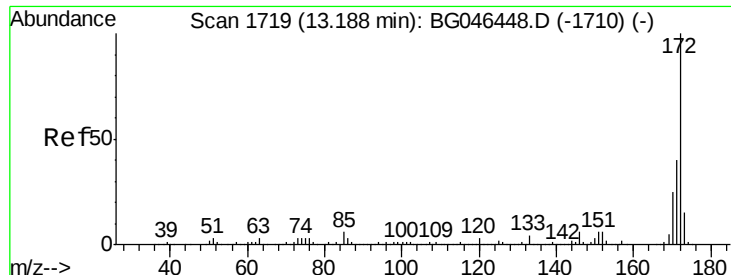


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

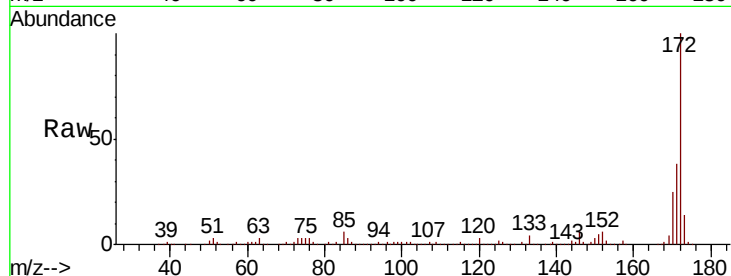




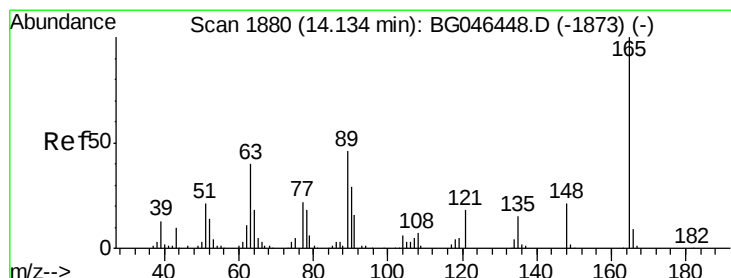
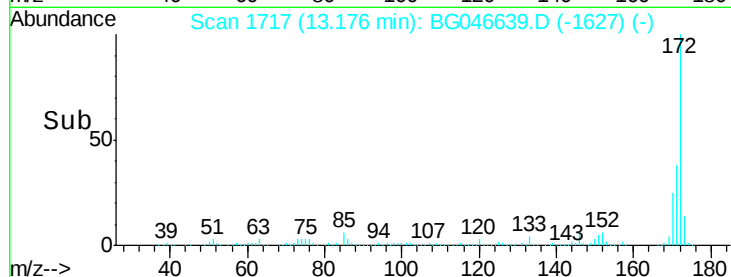
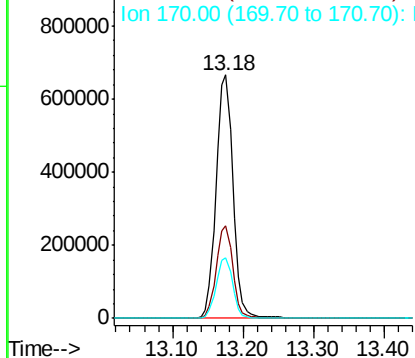
#45
 2-Fluorobiphenyl
 Concen: 78.408 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.00 min
 Lab File: BG046639.D
 Acq: 16 Sep 2020 12:37

Instrument :
 BNA_G
 ClientSampleId :
 PB131633TB

Tot Ion:172 Resp: 1112662
 Ion Ratio Lower Upper
 172 100
 171 38.1 31.8 47.6
 170 25.0 20.3 30.5

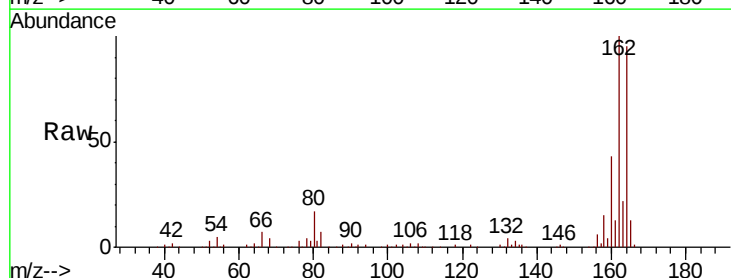


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

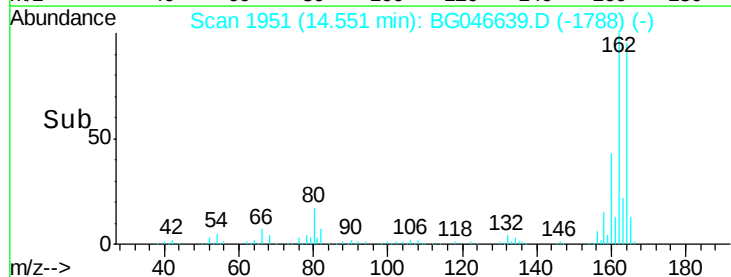
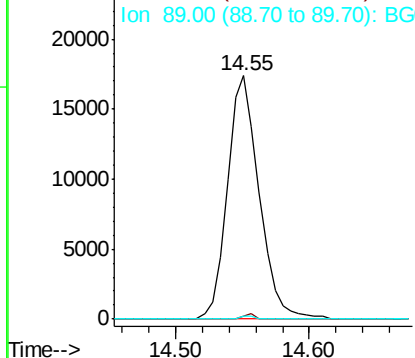


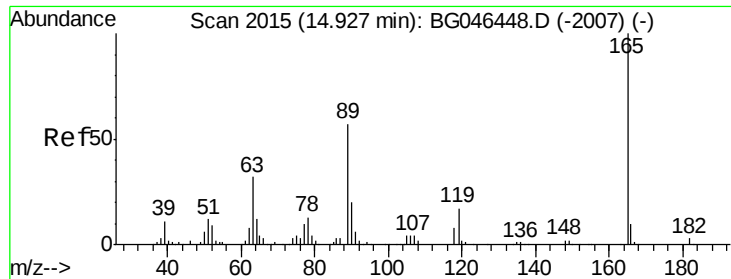
#51
 2,6-Dinitrotoluene
 Concen: 7.783 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. 0.43 min
 Lab File: BG046639.D
 Acq: 16 Sep 2020 12:37

Tgt Ion:165 Resp: 28753
 Ion Ratio Lower Upper
 165 100
 63 1.2 34.2 51.4#
 89 1.3 37.0 55.4#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

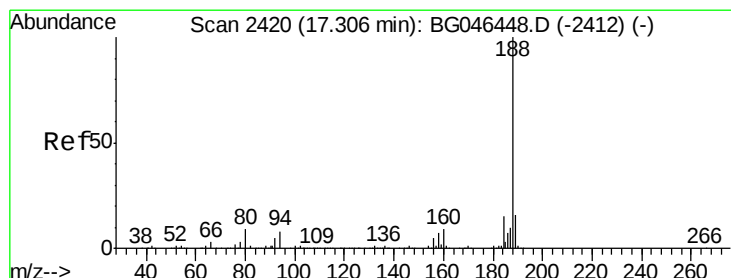
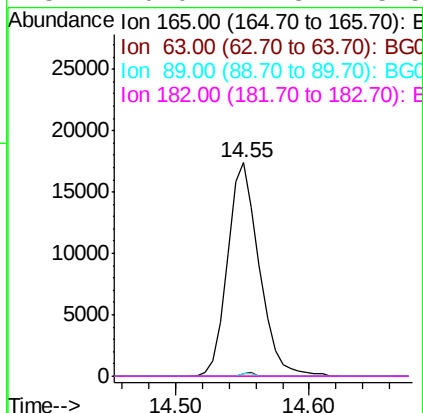
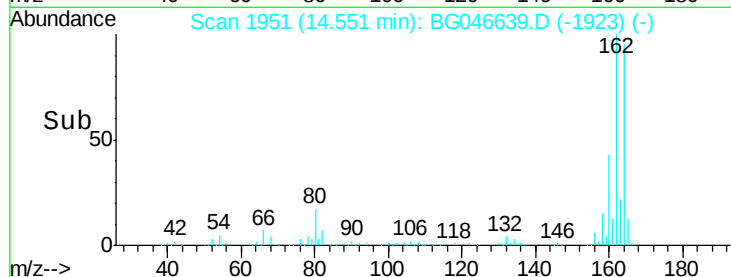
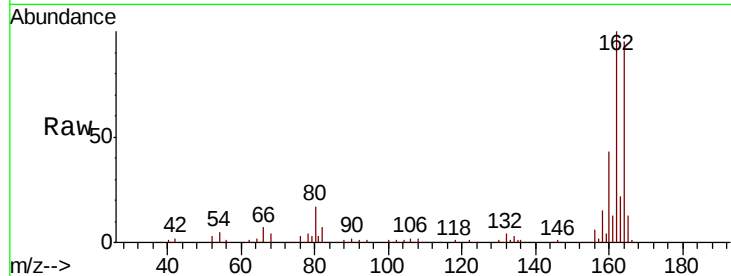




#57
 2,4-Dinitrotoluene
 Concen: 5.458 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. -0.37 min
 Lab File: BG046639.D
 Acq: 16 Sep 2020 12:37

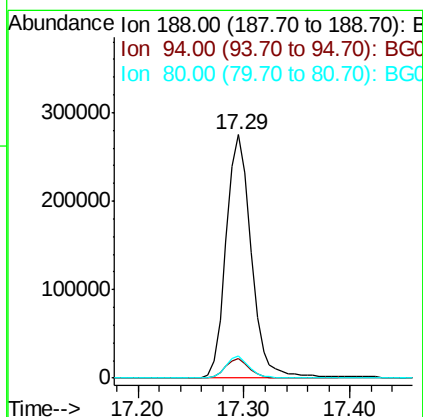
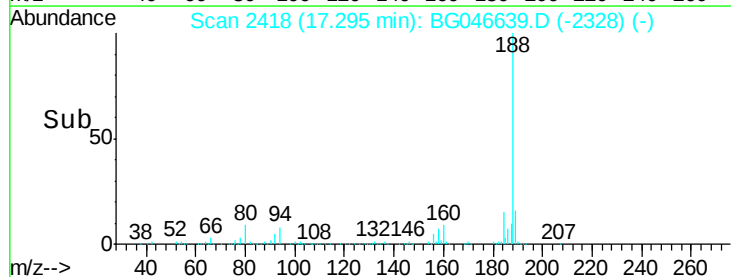
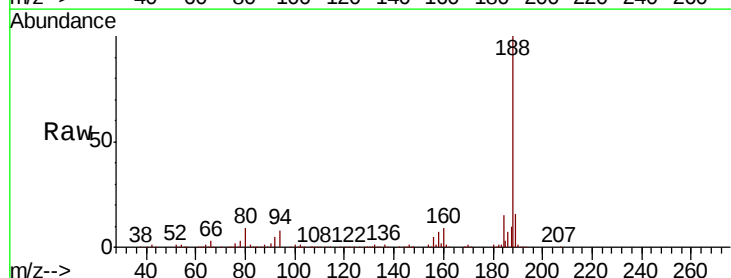
Instrument :
 BNA_G
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 PB131633TB

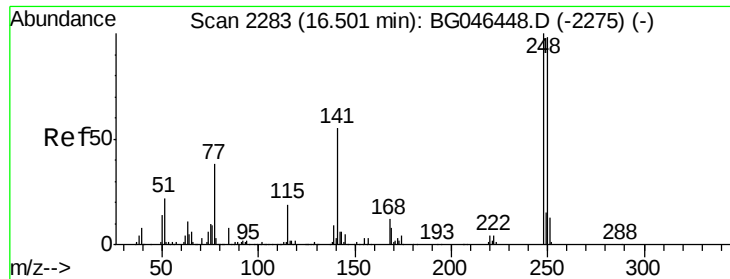
Tot Ion:165	Resp:	28753
Ion Ratio	Lower	Upper
165	100	
63	1.2	25.4 38.0#
89	1.3	45.9 68.9#
182	0.0	2.3 3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.29 min Scan# 2418
 Delta R.T. -0.00 min
 Lab File: BG046639.D
 Acq: 16 Sep 2020 12:37

Tgt Ion:188	Resp:	453685
Ion Ratio	Lower	Upper
188	100	
94	7.8	6.3 9.5
80	8.9	6.9 10.3

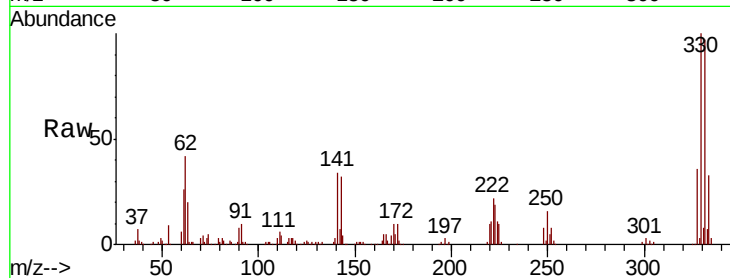




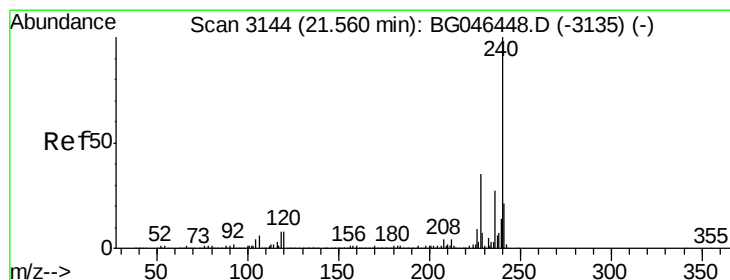
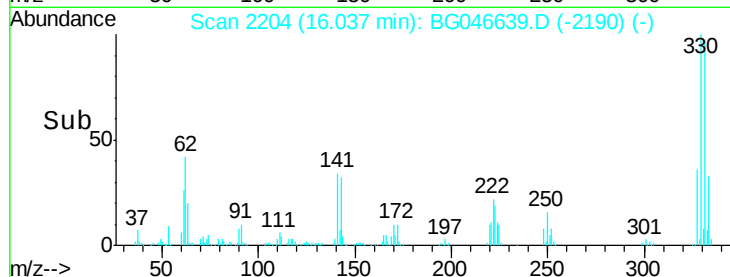
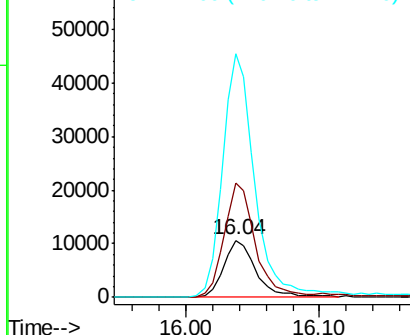
#67
 4-Bromophenyl-phenylether
 Concen: 3.401 ng
 RT: 16.04 min Scan# 2204
 Delta R.T. -0.45 min
 Lab File: BG046639.D
 Acq: 16 Sep 2020 12:37

Instrument :
 BNA_G
 ClientSampleId :
 PB131633TB

Tot Ion:248 Resp: 18000
 Ion Ratio Lower Upper
 248 100
 250 200.7 78.6 118.0#
 141 429.1 43.9 65.9#

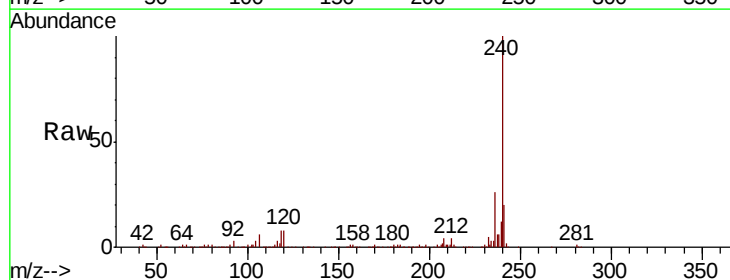


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

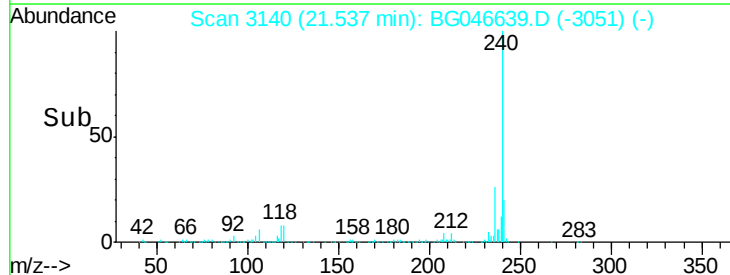
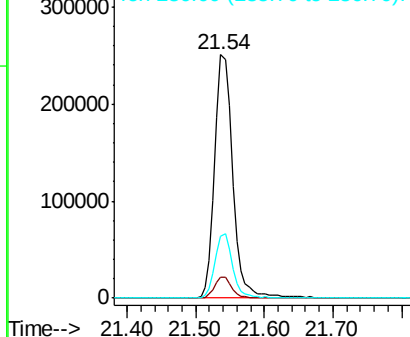


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.54 min Scan# 3140
 Delta R.T. -0.01 min
 Lab File: BG046639.D
 Acq: 16 Sep 2020 12:37

Tgt Ion:240 Resp: 461175
 Ion Ratio Lower Upper
 240 100
 120 8.3 6.6 10.0
 236 25.6 21.4 32.2



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.042 ng

RT: 19.91 min Scan# 2863

Delta R.T. 0.38 min

Lab File: BG046639.D

Acq: 16 Sep 2020 12:37

Instrument :

BNA_G

ClientSampleId :

PB131633TB

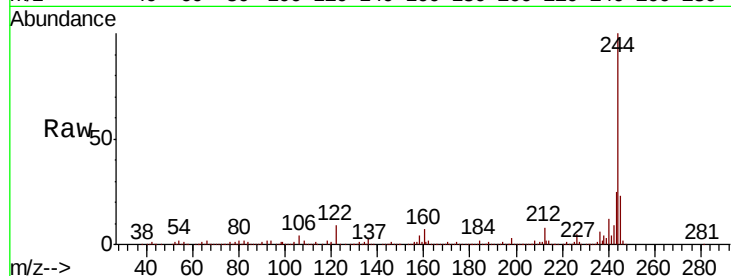
Tot Ion:184 Resp: 21886

Ion Ratio Lower Upper

184 100

185 17.0 11.8 17.8

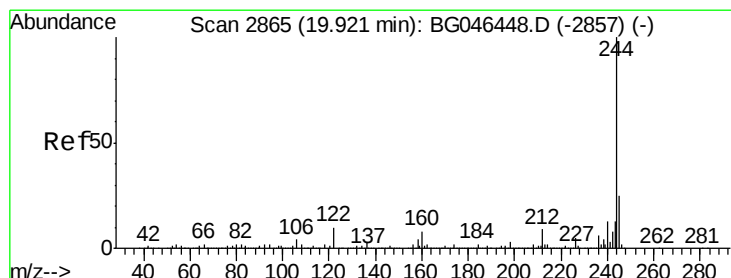
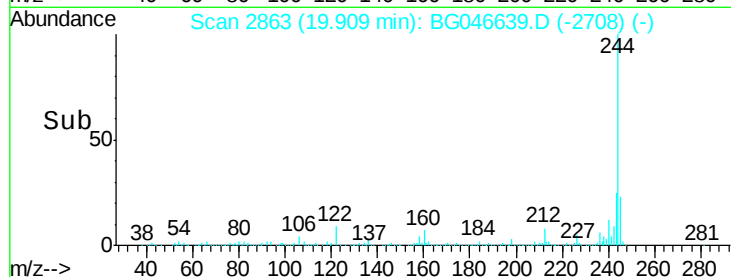
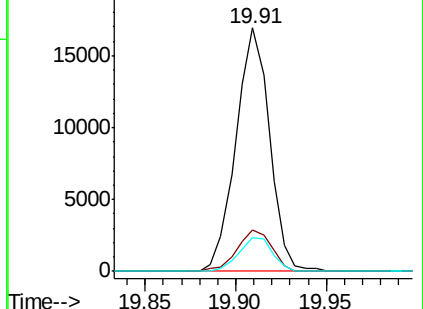
183 13.8 10.7 16.1



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 69.277 ng

RT: 19.91 min Scan# 2863

Delta R.T. -0.00 min

Lab File: BG046639.D

Acq: 16 Sep 2020 12:37

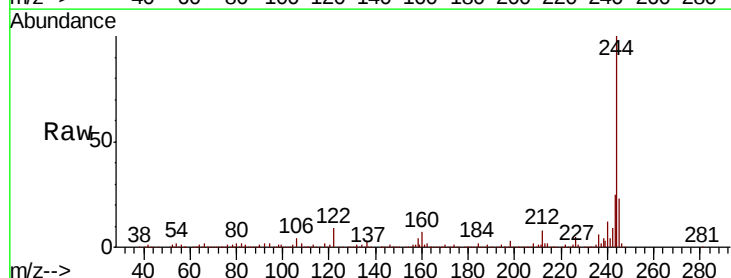
Tgt Ion:244 Resp: 1501221

Ion Ratio Lower Upper

244 100

212 8.2 6.9 10.3

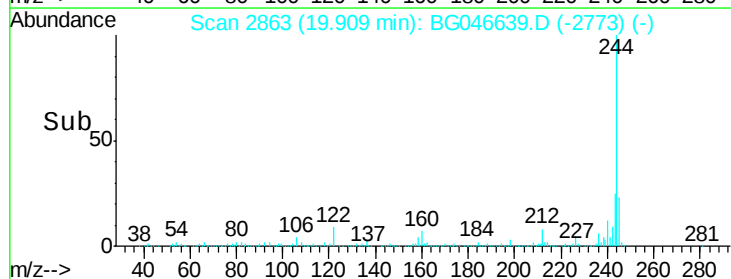
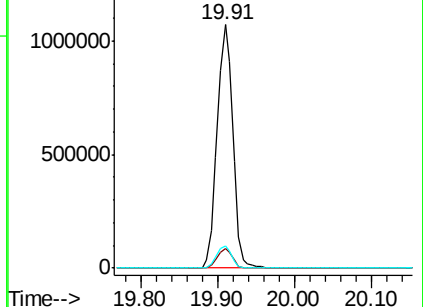
122 9.2 8.2 12.4

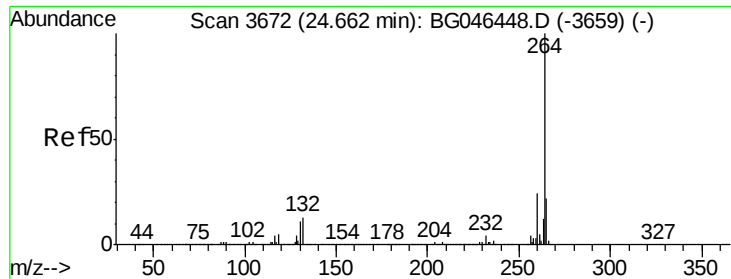


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlone-d12
Concen: 20.000 ng
RT: 24.63 min Scan# 3667
Delta R.T. -0.00 min
Lab File: BG046639.D
Acq: 16 Sep 2020 12:37

Instrument :
BNA_G
ClientSampleId :
PB131633TB

Tot Ion:264 Resp: 447224
Ion Ratio Lower Upper
264 100
260 23.3 19.2 28.8
265 21.5 17.9 26.9

