

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073120\
 Data File : BG046137.D
 Acq On : 1 Aug 2020 00:12
 Operator : CG/JU
 Sample : PB130658TB
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB130658TB

Quant Time: Aug 01 01:38:02 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

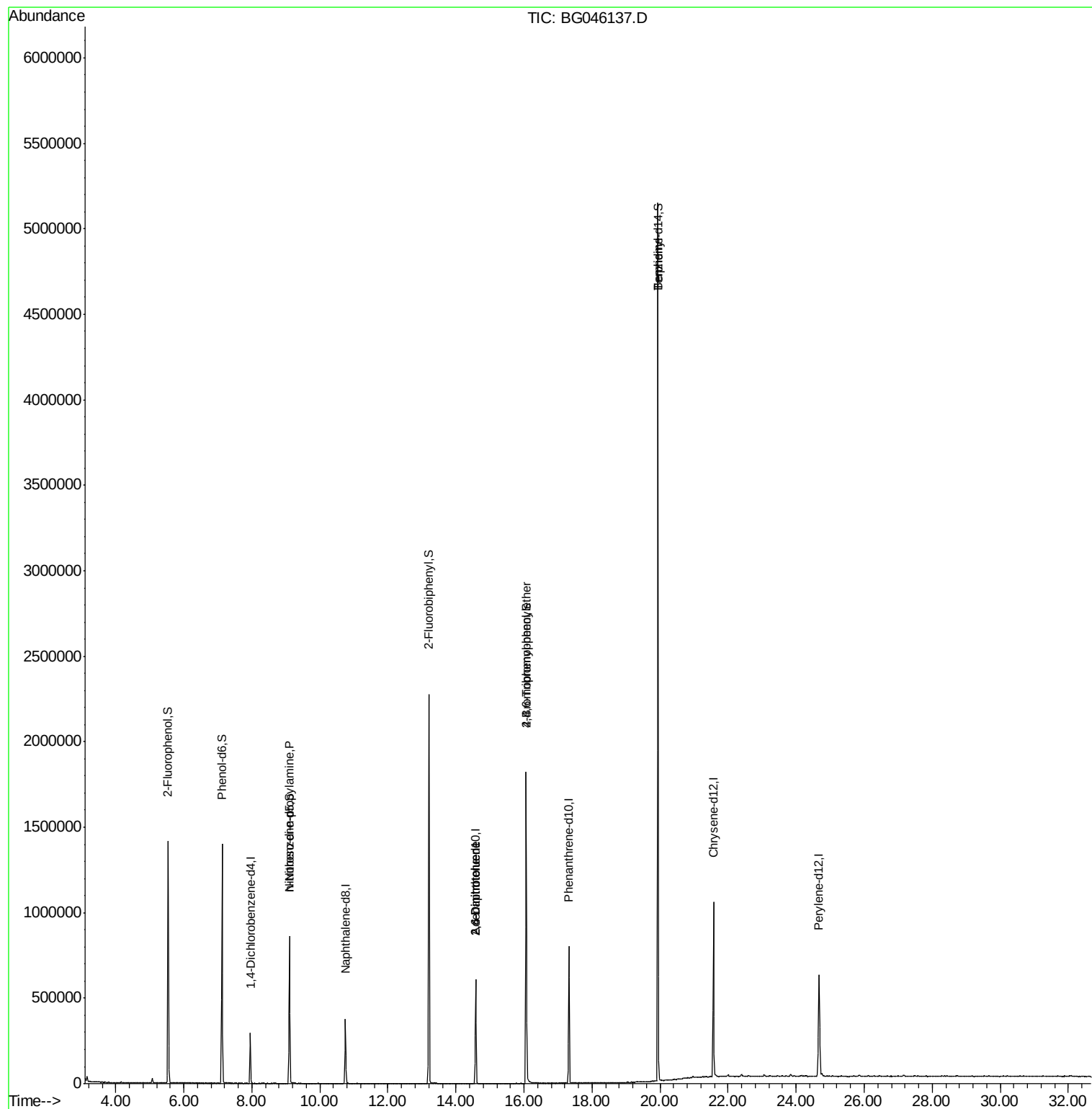
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	88192	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	339673	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	213930	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	515063	20.00	ng	0.00
76) Chrysene-d12	21.57	240	616743	20.00	ng	0.00
86) Perylene-d12	24.67	264	623315	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	632161	124.61	ng	0.00
7) Phenol-d6	7.12	99	796968	115.27	ng	0.00
23) Nitrobenzene-d5	9.11	82	530198	84.51	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	380977	115.94	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	1212772	82.35	ng	0.00
79) Terphenyl-d14	19.94	244	2085996	68.88	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.11	70	69802	15.512	ng	# 79
51) 2,6-Dinitrotoluene	14.58	165	28654	7.498	ng	# 29
57) 2,4-Dinitrotoluene	14.58	165	28654	5.454	ng	# 29
67) 4-Bromophenyl-phenylether	16.06	248	24010	3.773	ng	# 1
77) Benzidine	19.94	184	37419	2.142	ng	97

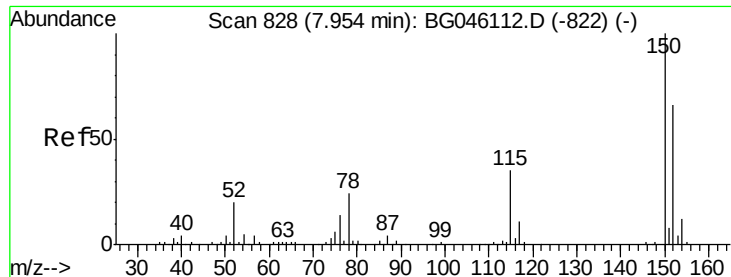
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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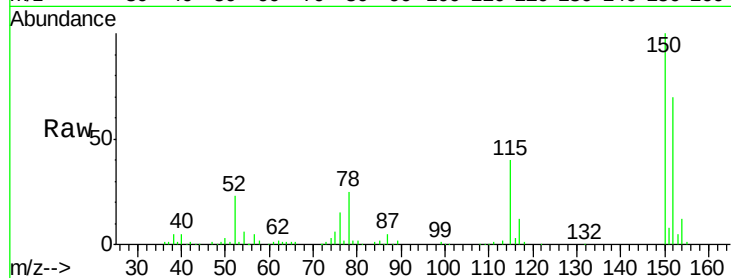


#1

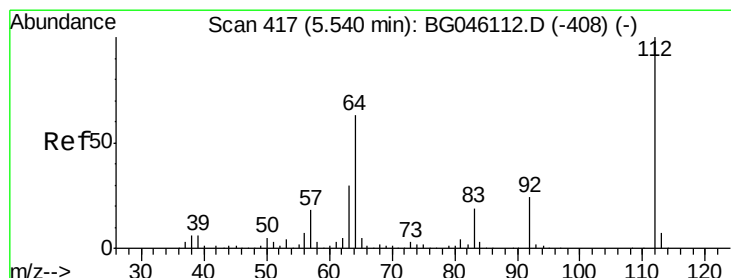
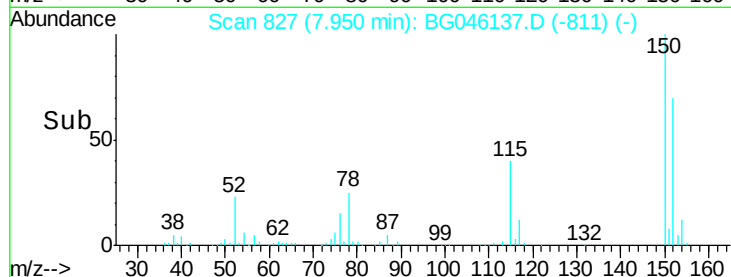
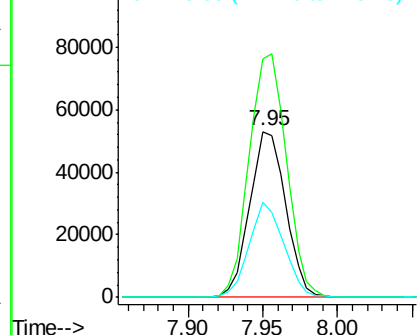
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG046137.D
Acq: 1 Aug 2020 00:12

Instrument :
BNA_G
ClientSampleId :
PB130658TB

Tot Ion:152 Resp: 88192
Ion Ratio Lower Upper
152 100
150 143.7 122.1 183.1
115 57.2 43.2 64.8



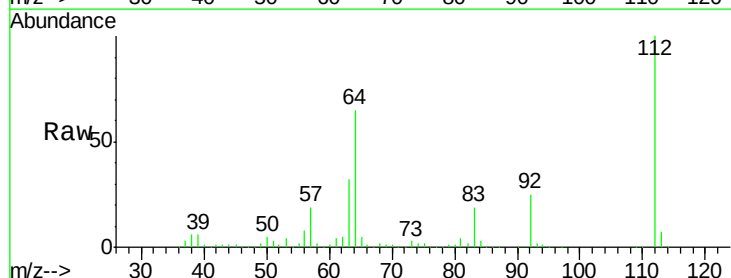
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



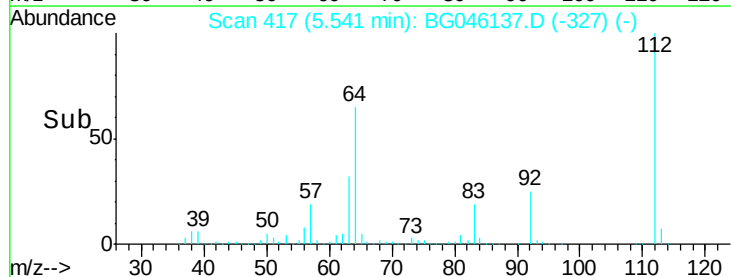
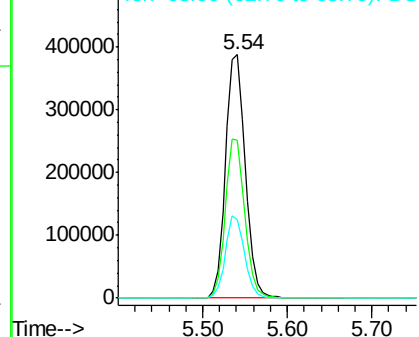
#5

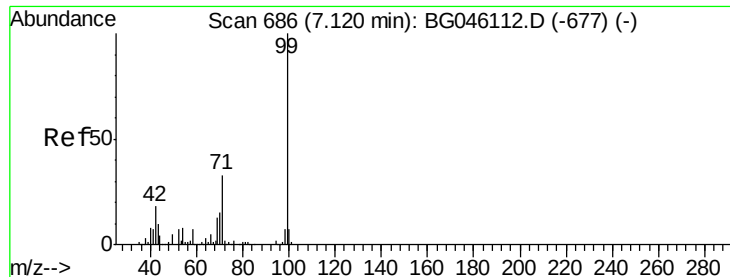
2-Fluorophenol
Concen: 124.607 ng
RT: 5.54 min Scan# 417
Delta R.T. 0.00 min
Lab File: BG046137.D
Acq: 1 Aug 2020 00:12

Tgt Ion:112 Resp: 632161
Ion Ratio Lower Upper
112 100
64 64.8 50.2 75.2
63 32.4 24.2 36.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 115.266 ng

RT: 7.12 min Scan# 686

Delta R.T. 0.00 min

Lab File: BG046137.D

Acq: 1 Aug 2020 00:12

Instrument :

BNA_G

ClientSampleId :

PB130658TB

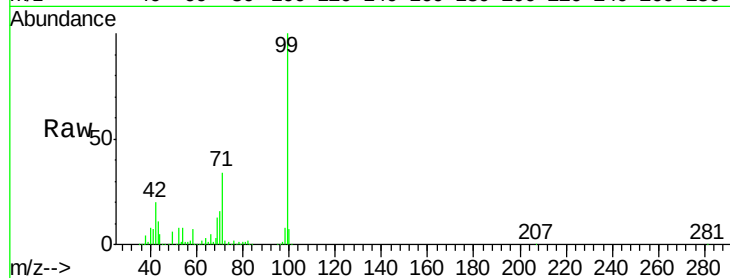
Tot Ion: 99 Resp: 796968

Ion Ratio Lower Upper

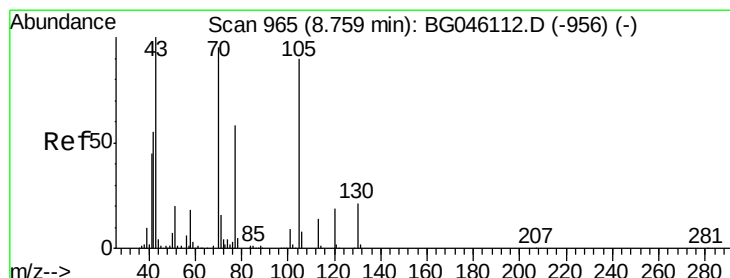
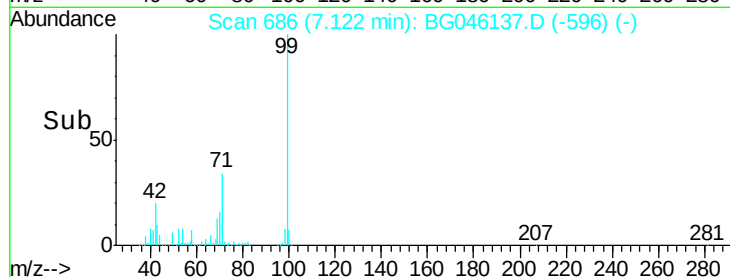
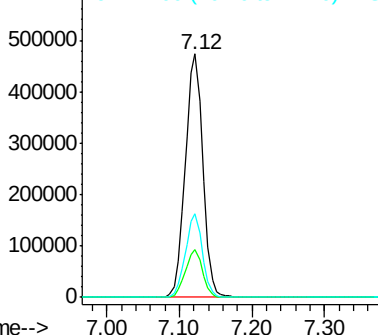
99 100

42 19.6 14.7 22.1

71 34.2 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: 15.512 ng

RT: 9.11 min Scan# 1024

Delta R.T. 0.35 min

Lab File: BG046137.D

Acq: 1 Aug 2020 00:12

Tgt Ion: 70 Resp: 69802

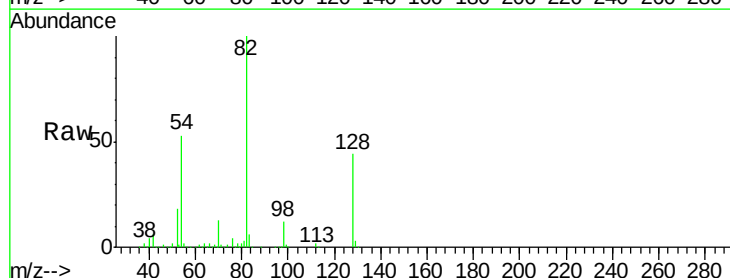
Ion Ratio Lower Upper

70 100

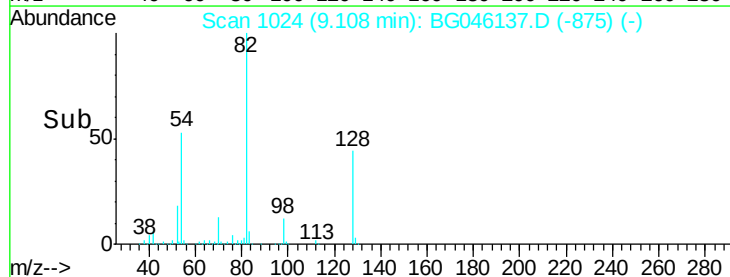
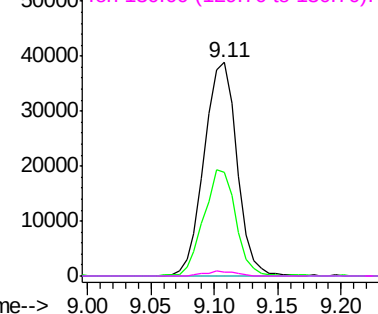
42 48.7 46.5 69.7

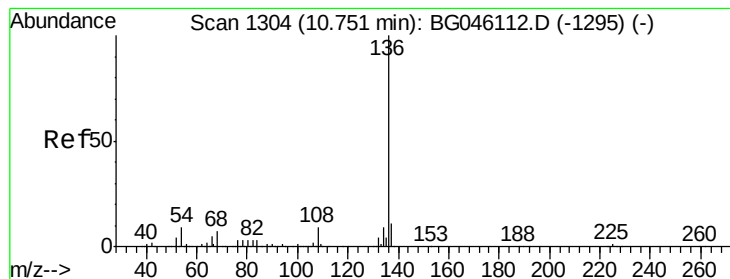
101 0.0 7.6 11.4#

130 1.9 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# 1303

Delta R.T. -0.00 min

Lab File: BG046137.D

Acq: 1 Aug 2020 00:12

Instrument :

BNA_G

ClientSampleId :

PB130658TB

Tot Ion:136 Resp: 339673

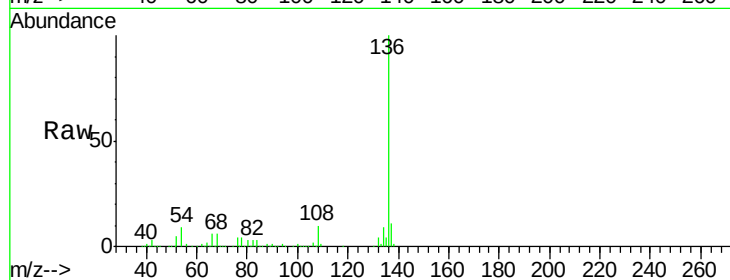
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 9.2 7.0 10.4

68 6.0 5.3 7.9

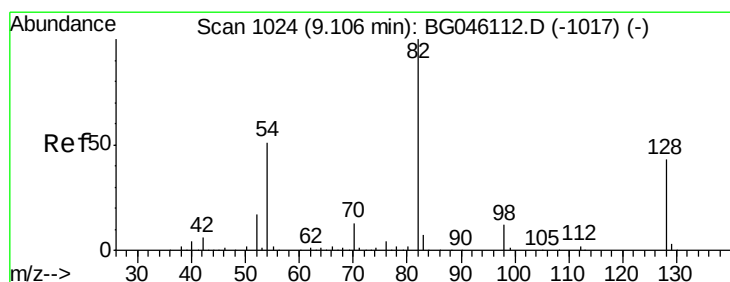
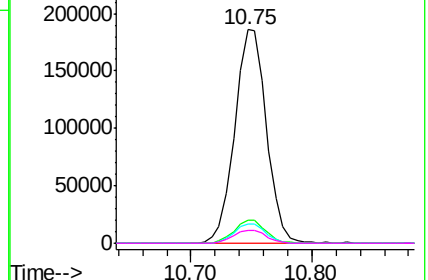
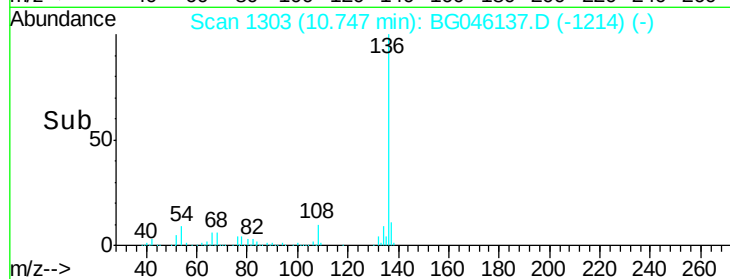


Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.512 ng

RT: 9.11 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BG046137.D

Acq: 1 Aug 2020 00:12

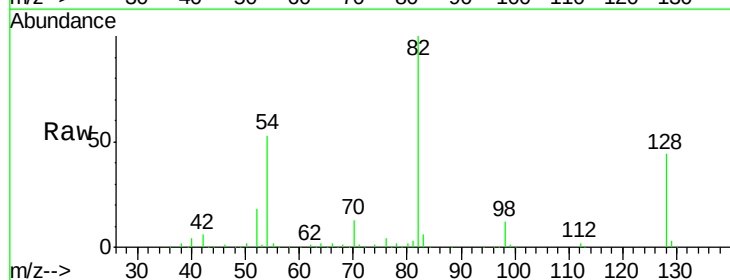
Tgt Ion: 82 Resp: 530198

Ion Ratio Lower Upper

82 100

128 44.3 34.4 51.6

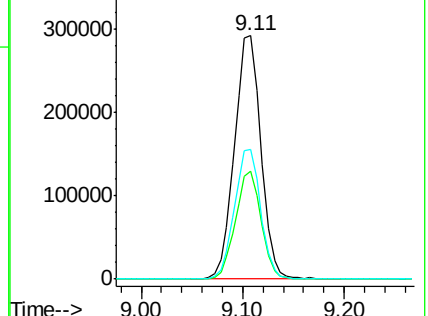
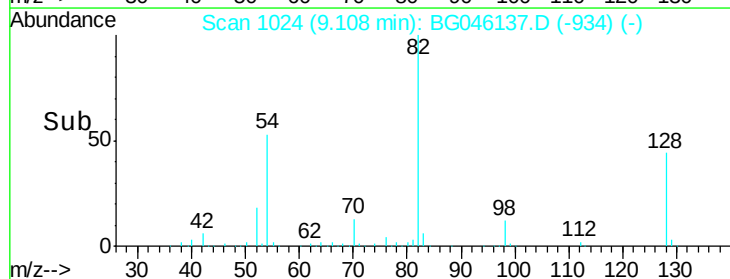
54 53.1 40.8 61.2

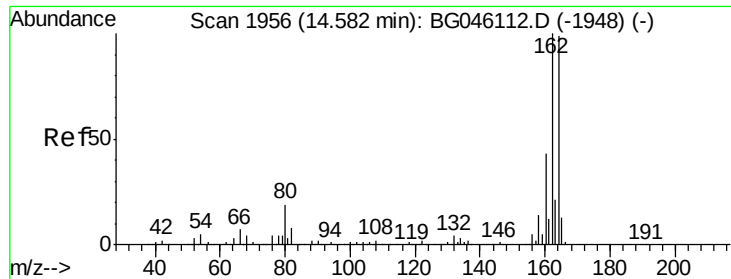


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.58 min Scan# 1955

Delta R.T. -0.00 min

Lab File: BG046137.D

Acq: 1 Aug 2020 00:12

Instrument :

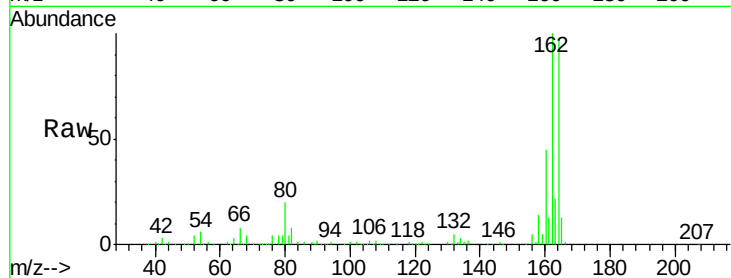
BNA_G

ClientSampleId :

PB130658TB

Tot Ion:164 Resp: 213930

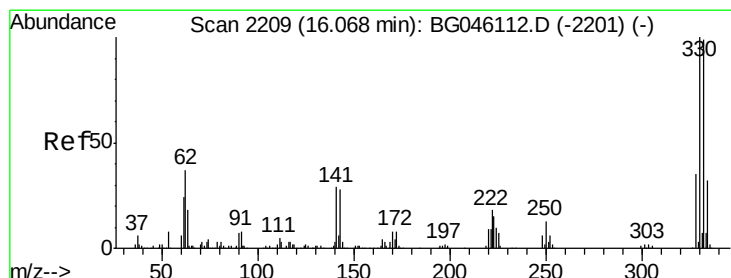
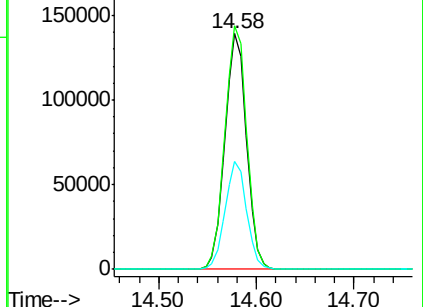
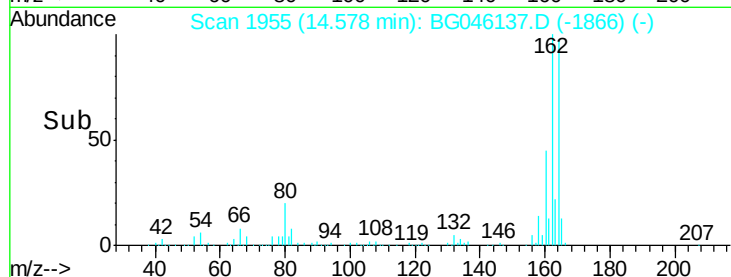
Ion	Ratio	Lower	Upper
164	100		
162	103.4	80.6	121.0
160	46.0	34.9	52.3



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: 115.942 ng

RT: 16.06 min Scan# 2208

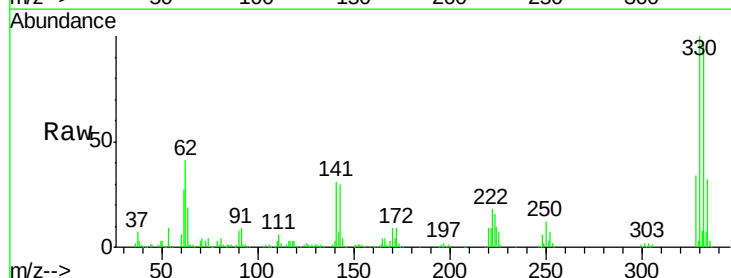
Delta R.T. -0.00 min

Lab File: BG046137.D

Acq: 1 Aug 2020 00:12

Tgt Ion:330 Resp: 380977

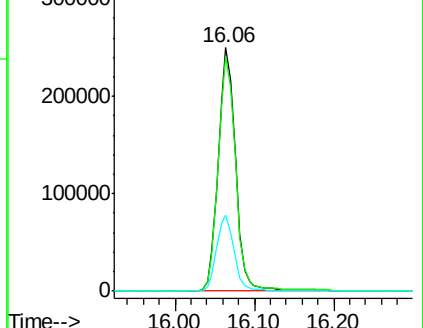
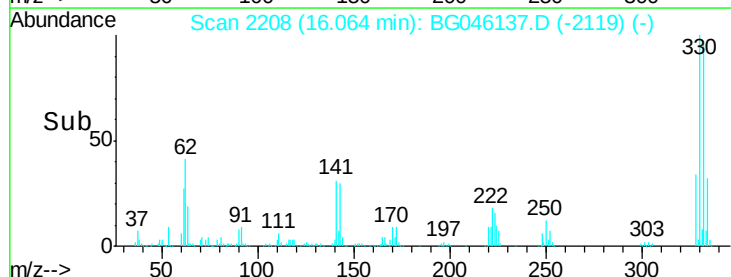
Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.4	116.2
141	31.4	23.4	35.0

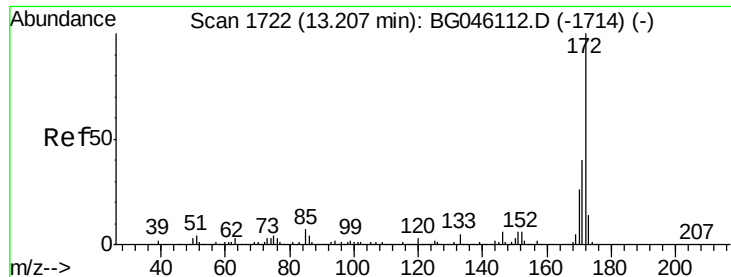


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

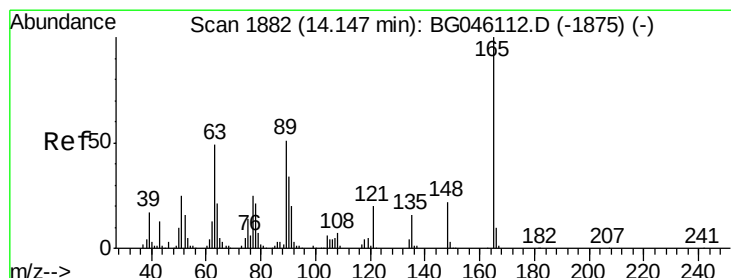
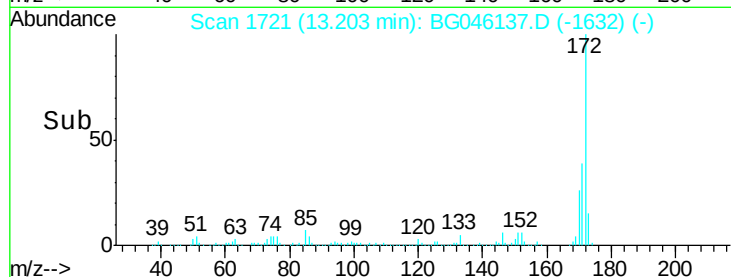
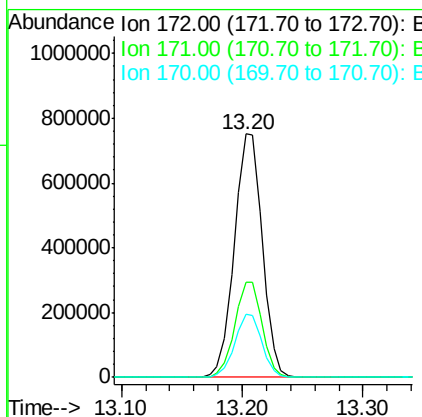
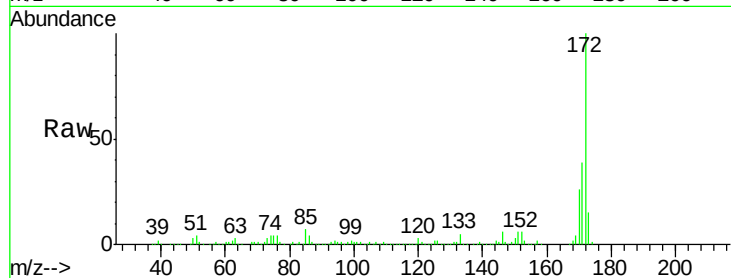




#45
2-Fluorobiphenyl
Concen: 82.350 ng
RT: 13.20 min Scan# 1721
Delta R.T. -0.00 min
Lab File: BG046137.D
Acq: 1 Aug 2020 00:12

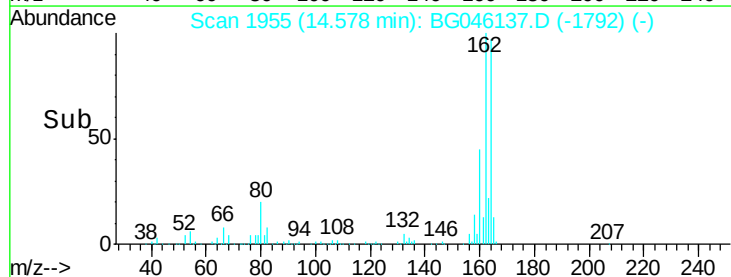
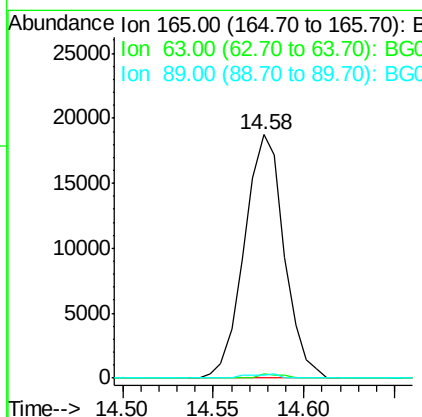
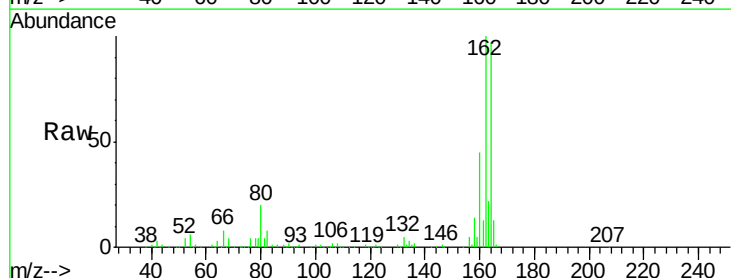
Instrument :
BNA_G
ClientSampleId :
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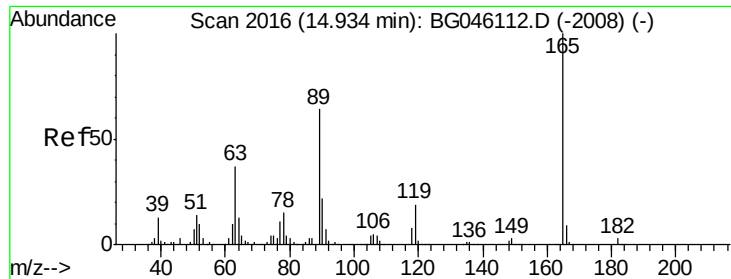
Tot Ion:172 Resp: 1212772
Ion Ratio Lower Upper
172 100
171 38.8 31.7 47.5
170 25.7 20.9 31.3



#51
2,6-Dinitrotoluene
Concen: 7.498 ng
RT: 14.58 min Scan# 1955
Delta R.T. 0.43 min
Lab File: BG046137.D
Acq: 1 Aug 2020 00:12

Tgt Ion:165 Resp: 28654
Ion Ratio Lower Upper
165 100
63 1.9 39.7 59.5#
89 1.1 41.0 61.6#

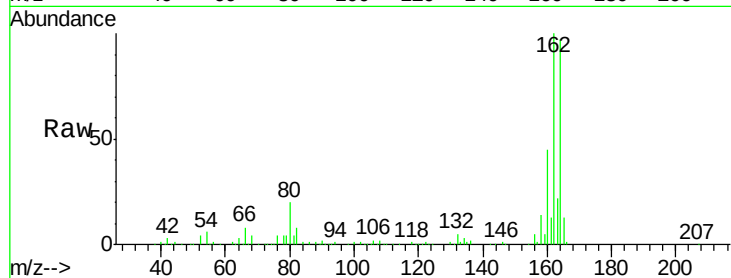




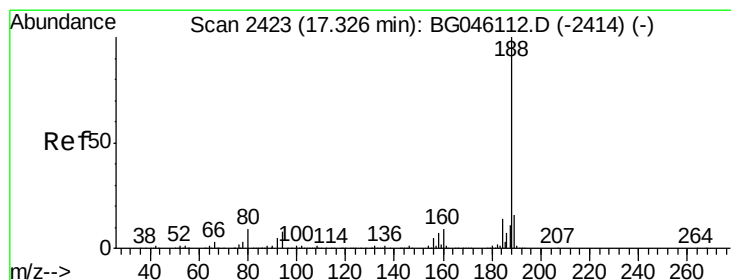
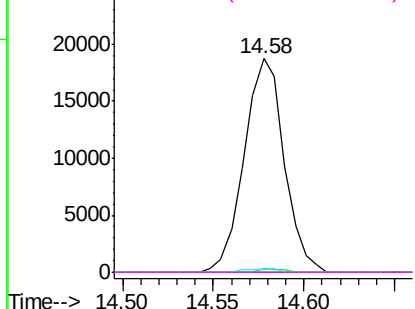
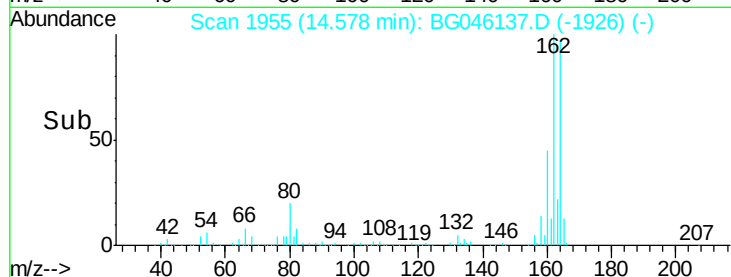
#57
 2,4-Dinitrotoluene
 Concen: 5.454 ng
 RT: 14.58 min Scan# 1955
 Delta R.T. -0.36 min
 Lab File: BG046137.D
 Acq: 1 Aug 2020 00:12

Instrument :
 BNA_G
 ClientSampleId :
 PB130658TB

Tot Ion:165 Resp: 28654
 Ion Ratio Lower Upper
 165 100
 63 1.9 30.1 45.1#
 89 1.1 51.4 77.2#
 182 0.0 2.3 3.5#

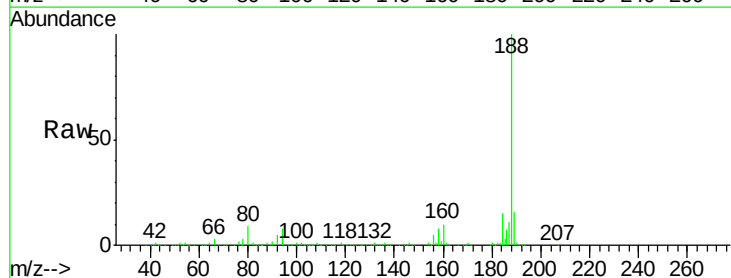


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

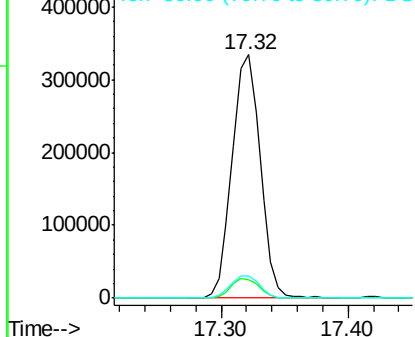
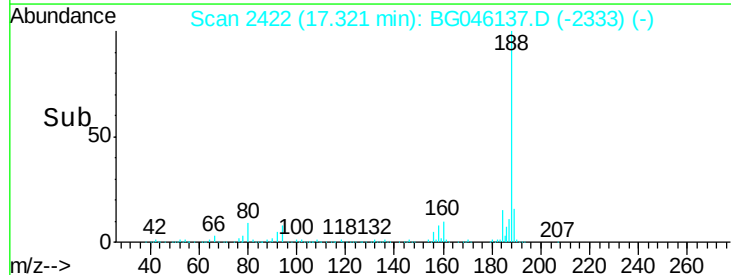


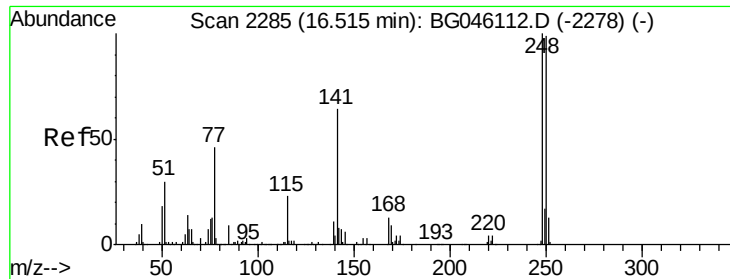
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.32 min Scan# 2422
 Delta R.T. -0.00 min
 Lab File: BG046137.D
 Acq: 1 Aug 2020 00:12

Tgt Ion:188 Resp: 515063
 Ion Ratio Lower Upper
 188 100
 94 7.6 6.4 9.6
 80 9.3 7.4 11.0



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

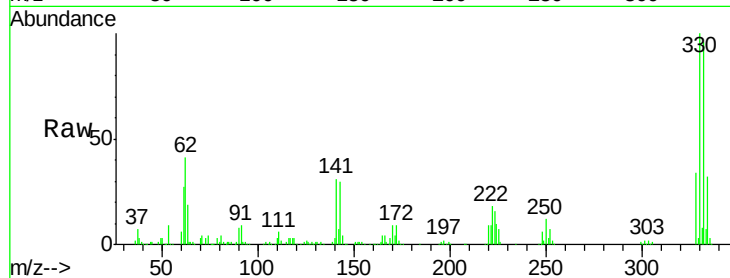




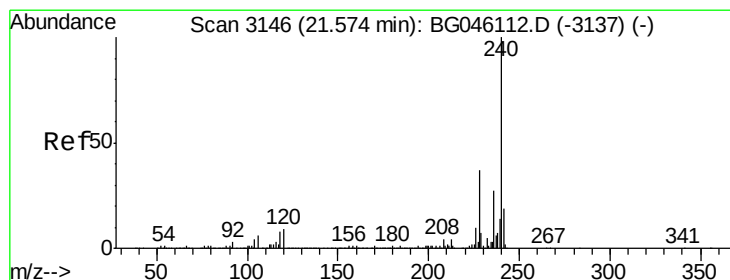
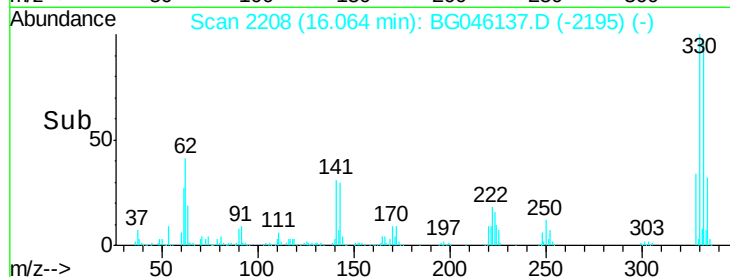
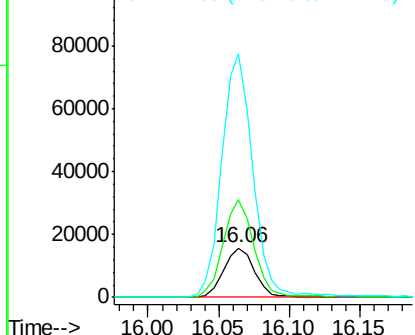
#67
4-Bromophenyl-phenylether
Concen: 3.773 ng
RT: 16.06 min Scan# 2208
Delta R.T. -0.45 min
Lab File: BG046137.D
Acq: 1 Aug 2020 00:12

Instrument :
BNA_G
ClientSampleId :
PB130658TB

Tot Ion:248 Resp: 24010
Ion Ratio Lower Upper
248 100
250 197.4 79.4 119.0#
141 490.2 50.9 76.3#

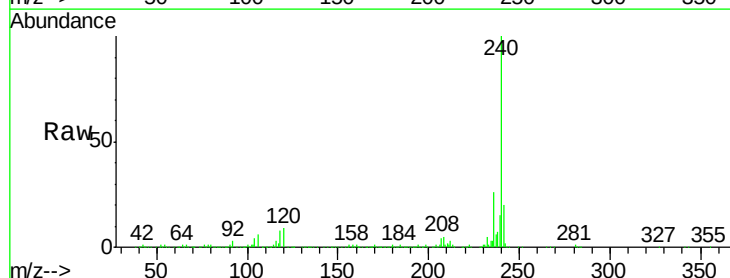


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

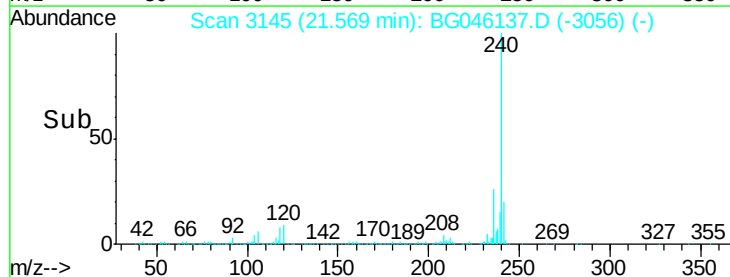
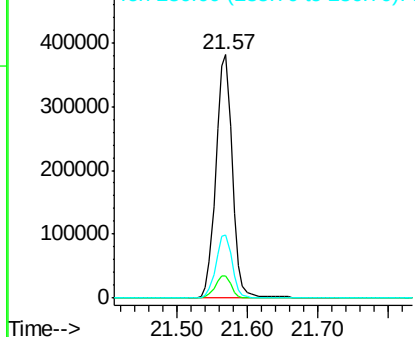


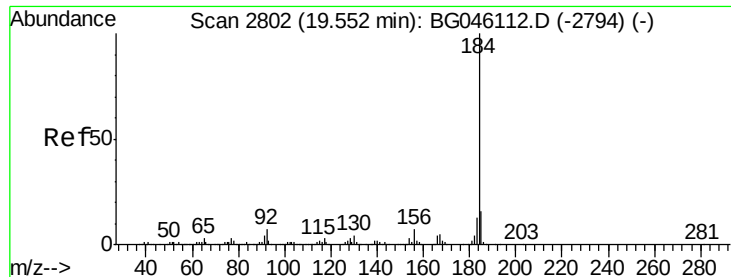
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.57 min Scan# 3145
Delta R.T. -0.00 min
Lab File: BG046137.D
Acq: 1 Aug 2020 00:12

Tgt Ion:240 Resp: 616743
Ion Ratio Lower Upper
240 100
120 9.0 7.1 10.7
236 26.1 21.7 32.5



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: 2.142 ng

RT: 19.94 min Scan# 2867

Delta R.T. 0.38 min

Lab File: BG046137.D

Acq: 1 Aug 2020 00:12

Instrument :

BNA_G

ClientSampleId :

PB130658TB

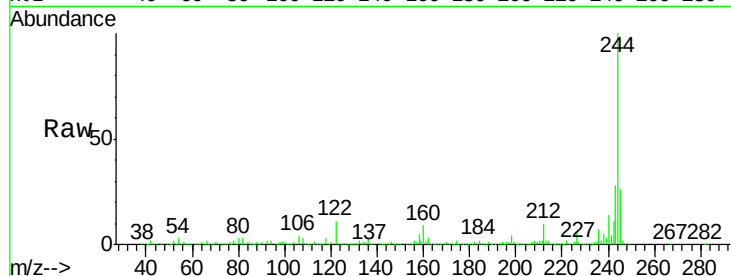
Tot Ion:184 Resp: 37419

Ion Ratio Lower Upper

184 100

185 18.1 13.0 19.4

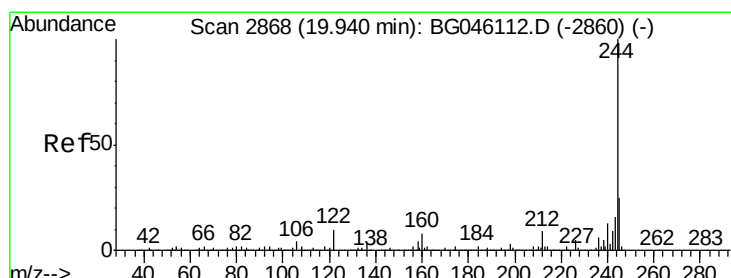
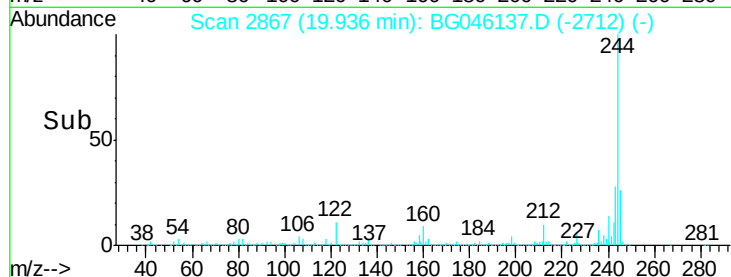
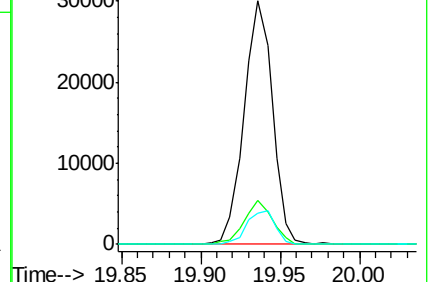
183 13.0 10.5 15.7



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: 68.884 ng

RT: 19.94 min Scan# 2867

Delta R.T. -0.00 min

Lab File: BG046137.D

Acq: 1 Aug 2020 00:12

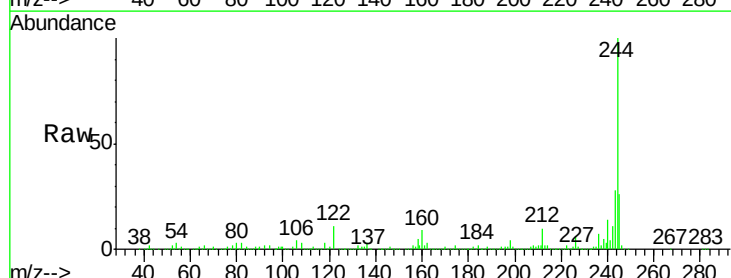
Tgt Ion:244 Resp: 2085996

Ion Ratio Lower Upper

244 100

212 9.7 7.2 10.8

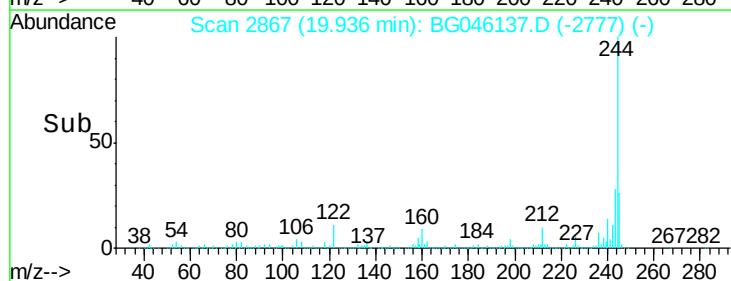
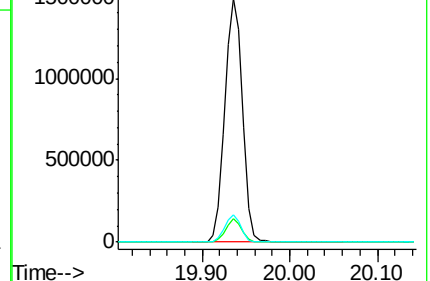
122 11.4 8.3 12.5

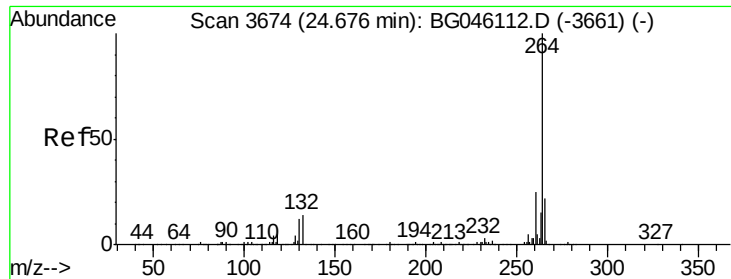


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.67 min Scan# 3673
Delta R.T. -0.00 min
Lab File: BG046137.D
Acq: 1 Aug 2020 00:12

Instrument :
BNA_G
ClientSampleId :
PB130658TB

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.7	29.5
265	21.8	17.6	26.4

