

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073120\
 Data File : BG046136.D
 Acq On : 31 Jul 2020 23:32
 Operator : CG/JU
 Sample : PB130658BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB130658BL

Quant Time: Aug 01 01:37:49 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

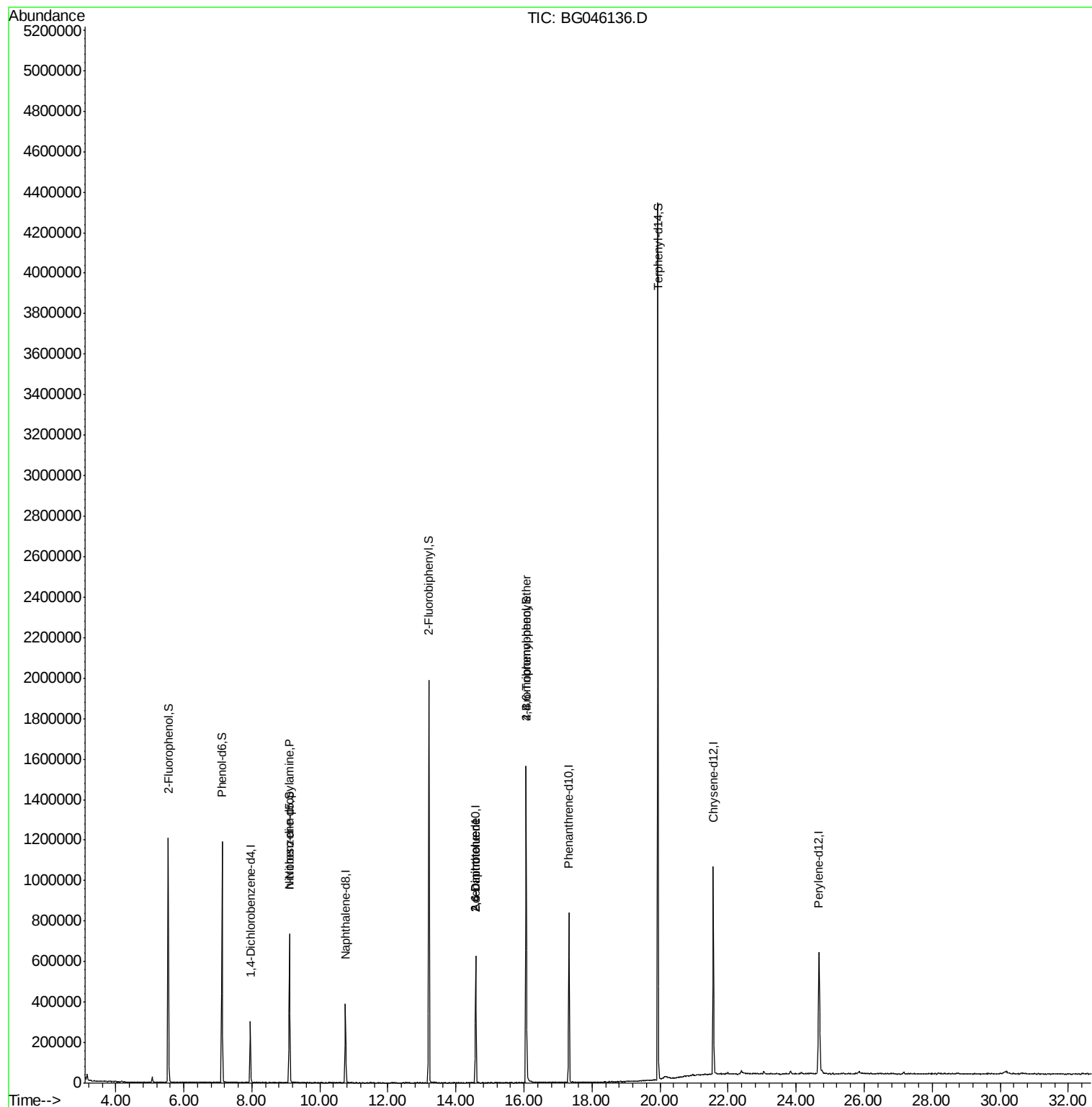
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	92222	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	352053	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	223072	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	534324	20.00	ng	0.00
76) Chrysene-d12	21.56	240	646879	20.00	ng	-0.01
86) Perylene-d12	24.67	264	641727	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	545496	102.83	ng	0.00
7) Phenol-d6	7.12	99	689522	95.37	ng	0.00
23) Nitrobenzene-d5	9.10	82	460575	70.83	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	332434	97.02	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	1065203	69.37	ng	0.00
79) Terphenyl-d14	19.94	244	1865857	58.74	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.11	70	59511	12.647	ng	# 79
51) 2,6-Dinitrotoluene	14.58	165	29290	7.351	ng	# 29
57) 2,4-Dinitrotoluene	14.58	165	29290	5.346	ng	# 29
67) 4-Bromophenyl-phenylether	16.06	248	20736	3.141	ng	# 1

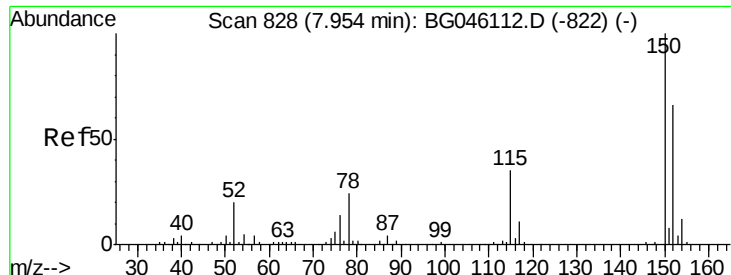
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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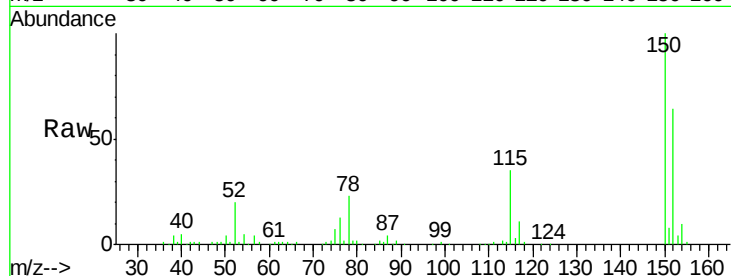


#1

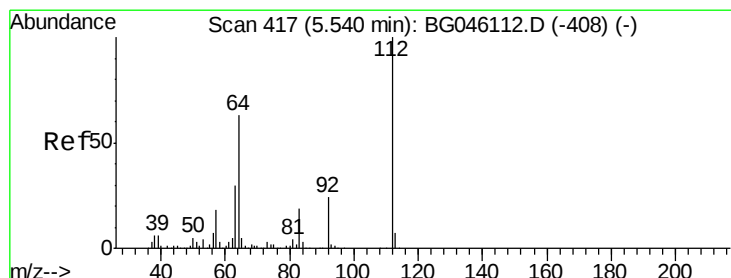
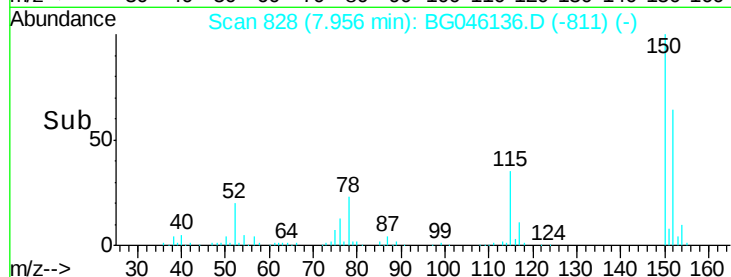
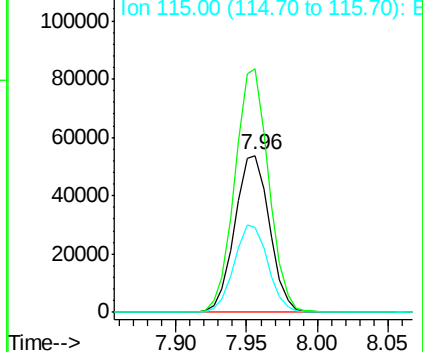
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG046136.D
Acq: 31 Jul 2020 23:32

Instrument :
BNA_G
ClientSampleId :
PB130658BL

Tot Ion:152 Resp: 92222
Ion Ratio Lower Upper
152 100
150 155.5 122.1 183.1
115 54.6 43.2 64.8



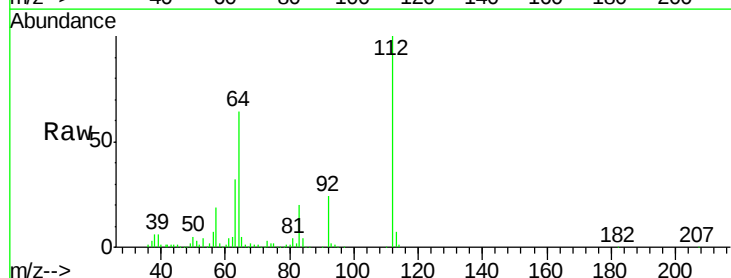
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



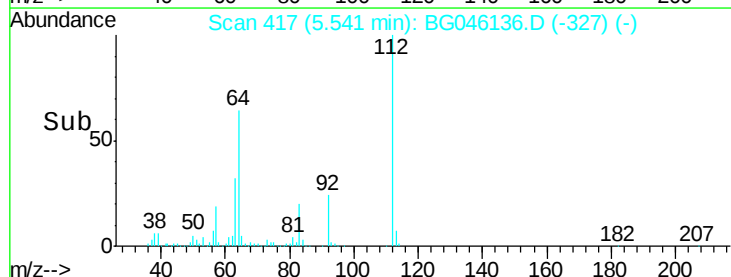
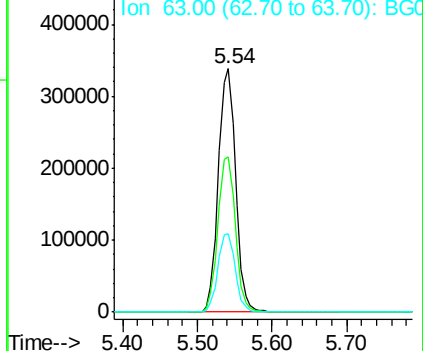
#5

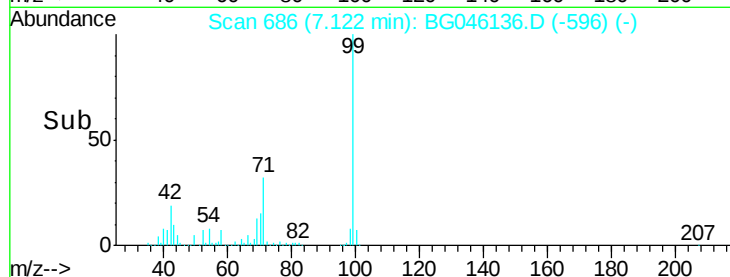
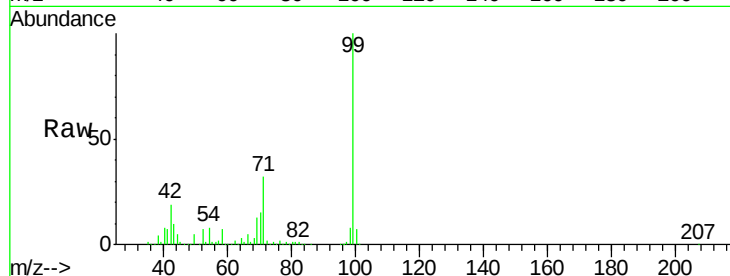
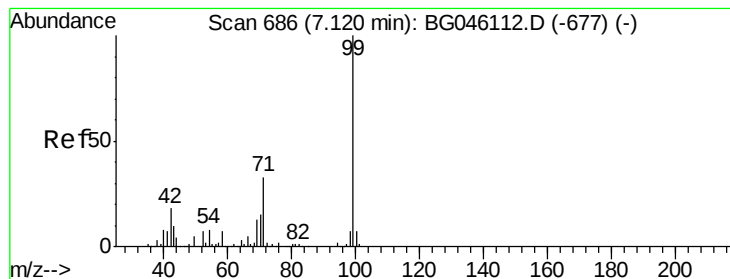
2-Fluorophenol
Concen: 102.825 ng
RT: 5.54 min Scan# 417
Delta R.T. 0.00 min
Lab File: BG046136.D
Acq: 31 Jul 2020 23:32

Tgt Ion:112 Resp: 545496
Ion Ratio Lower Upper
112 100
64 63.6 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: 95.368 ng

RT: 7.12 min Scan# 686

Delta R.T. 0.00 min

Lab File: BG046136.D

Acq: 31 Jul 2020 23:32

Instrument :

BNA_G

ClientSampled :

PB130658BL

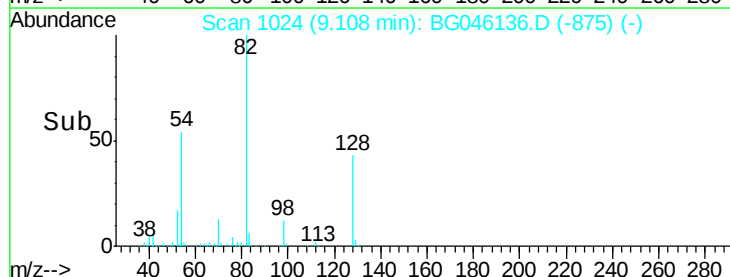
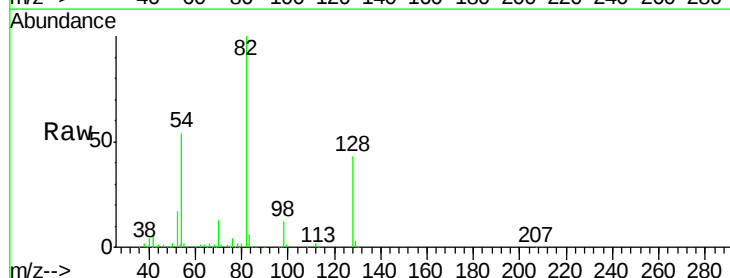
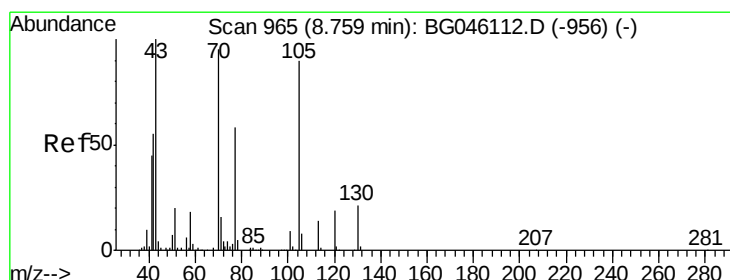
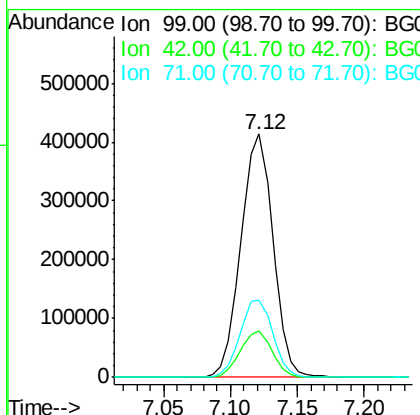
Tot Ion: 99 Resp: 689522

Ion Ratio Lower Upper

99 100

42 19.1 14.7 22.1

71 31.6 26.5 39.7



#19

n-Nitroso-di-n-propylamine

Concen: 12.647 ng

RT: 9.11 min Scan# 1024

Delta R.T. 0.35 min

Lab File: BG046136.D

Acq: 31 Jul 2020 23:32

Tgt Ion: 70 Resp: 59511

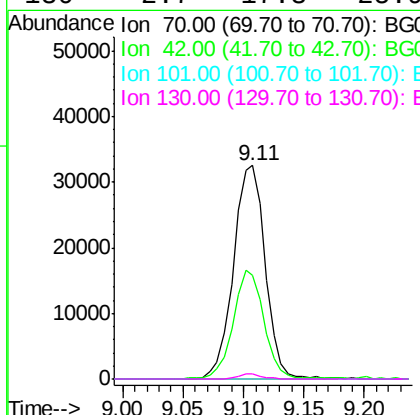
Ion Ratio Lower Upper

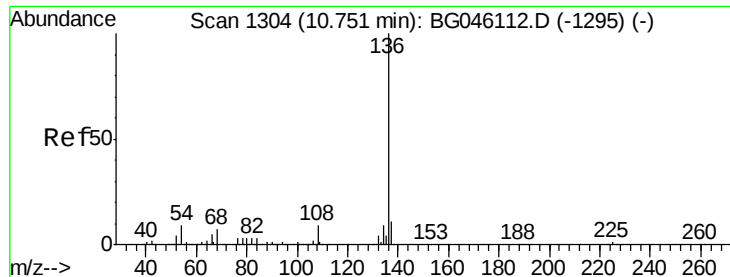
70 100

42 48.6 46.5 69.7

101 0.0 7.6 11.4#

130 2.7 17.3 25.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.75 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BG046136.D

Acq: 31 Jul 2020 23:32

Instrument :

BNA_G

ClientSampleId :

PB130658BL

Tot Ion:136 Resp: 352053

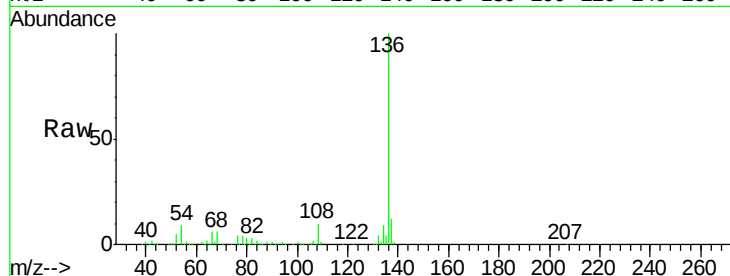
Ion Ratio Lower Upper

136 100

137 11.7 8.8 13.2

54 9.1 7.0 10.4

68 6.1 5.3 7.9

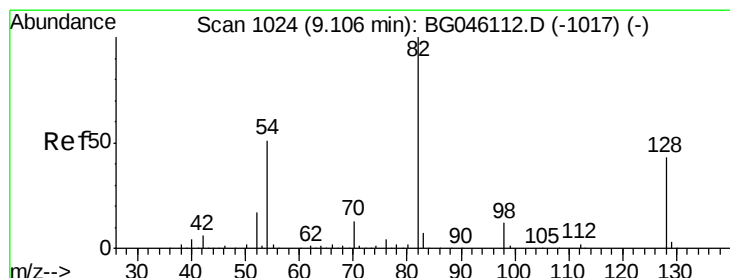
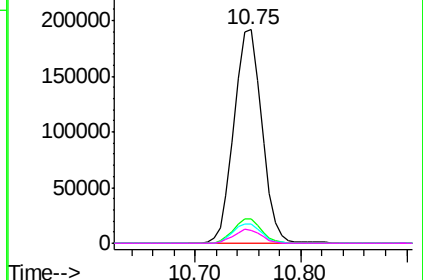
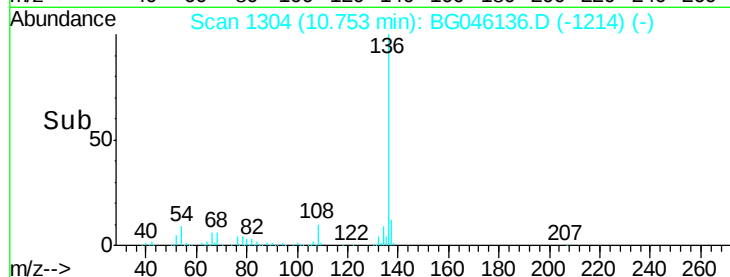


Abundance Ion 136.00 (135.70 to 136.70): E

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: 70.833 ng

RT: 9.10 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BG046136.D

Acq: 31 Jul 2020 23:32

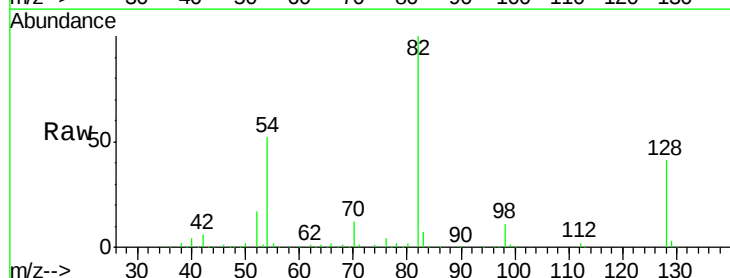
Tgt Ion: 82 Resp: 460575

Ion Ratio Lower Upper

82 100

128 40.7 34.4 51.6

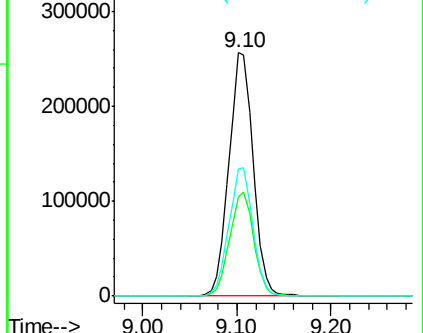
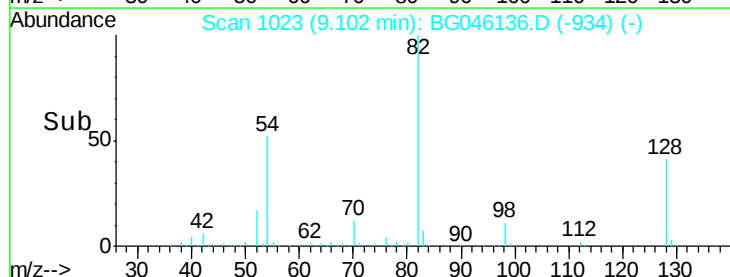
54 52.0 40.8 61.2

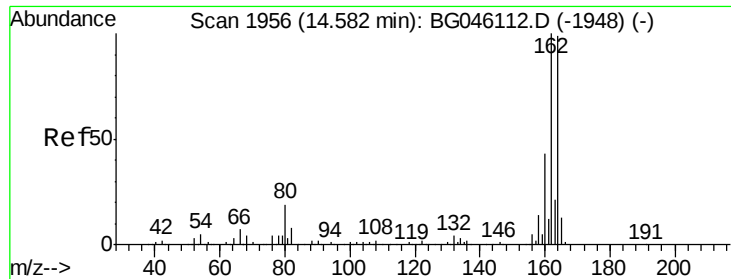


Abundance Ion 82.00 (81.70 to 82.70): BGC

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: BG046136.D

Acq: 31 Jul 2020 23:32

Instrument :

BNA_G

ClientSampleId :

PB130658BL

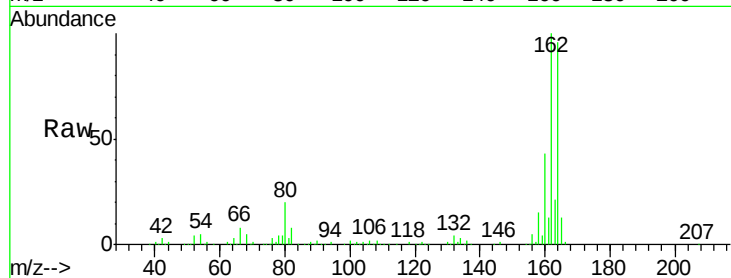
Tot Ion:164 Resp: 223072

Ion Ratio Lower Upper

164 100

162 104.1 80.6 121.0

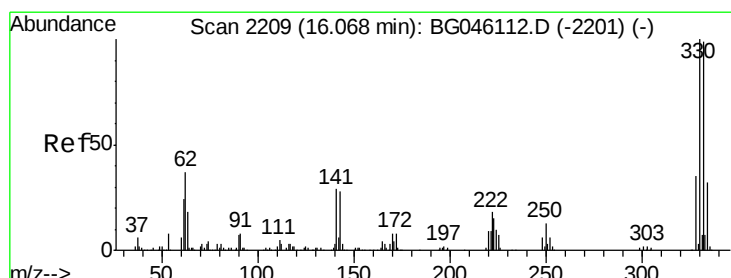
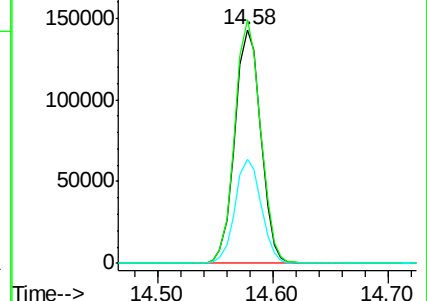
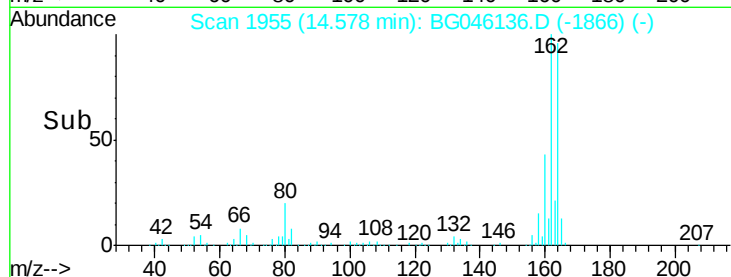
160 44.8 34.9 52.3



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: 97.023 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.00 min

Lab File: BG046136.D

Acq: 31 Jul 2020 23:32

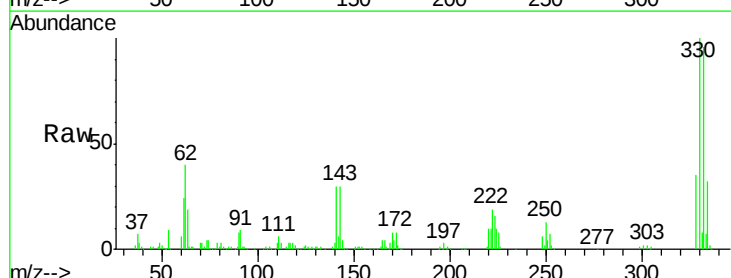
Tgt Ion:330 Resp: 332434

Ion Ratio Lower Upper

330 100

332 96.9 77.4 116.2

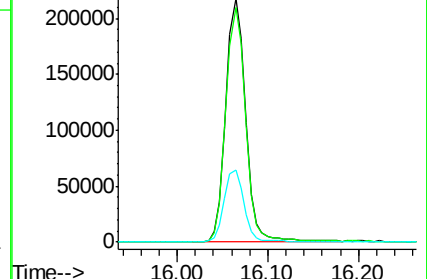
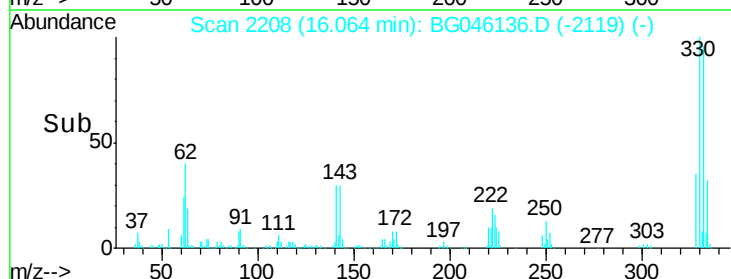
141 30.0 23.4 35.0

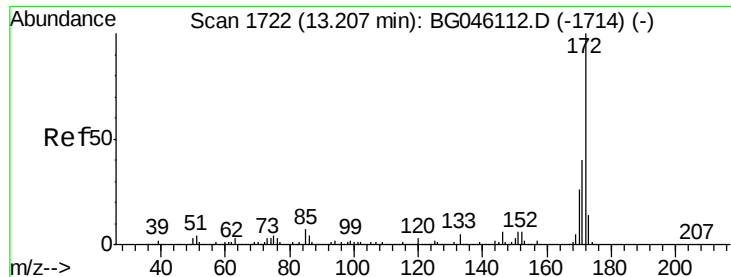


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

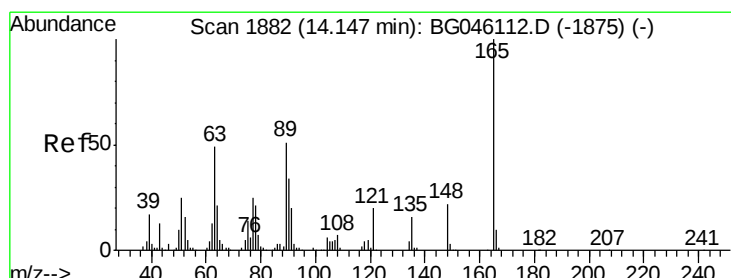
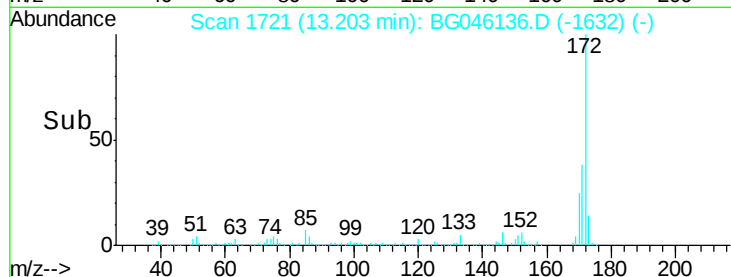
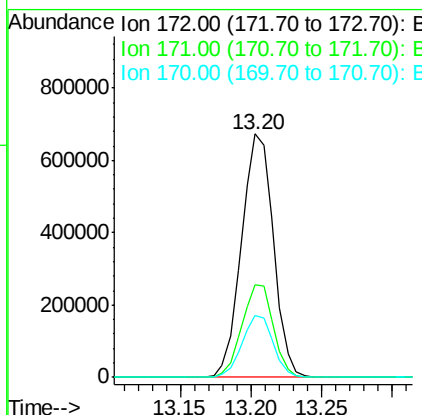
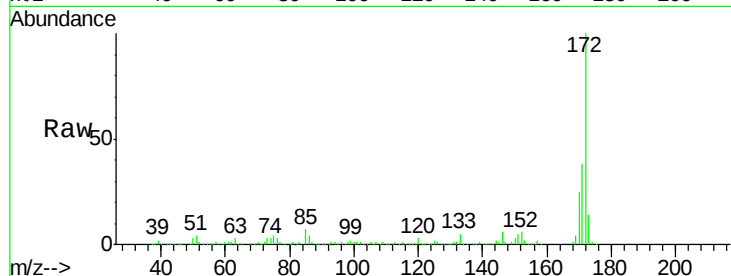




#45
2-Fluorobiphenyl
Concen: 69.365 ng
RT: 13.20 min Scan# 1721
Delta R.T. -0.00 min
Lab File: BG046136.D
Acq: 31 Jul 2020 23:32

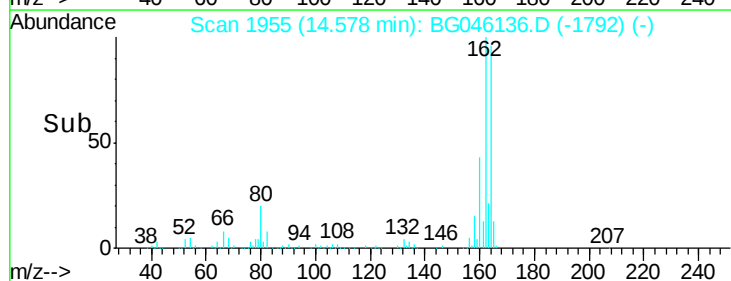
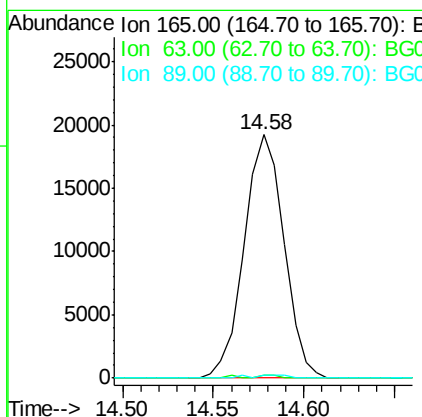
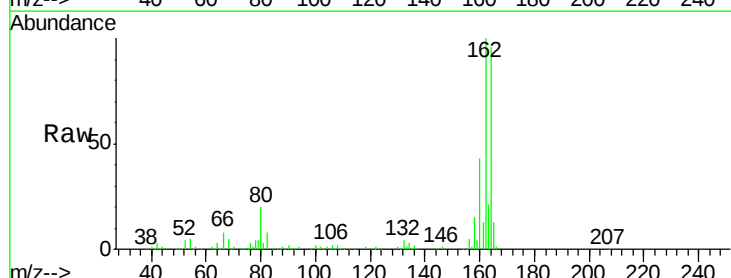
Instrument :
BNA_G
ClientSampleId :
PB130658BL

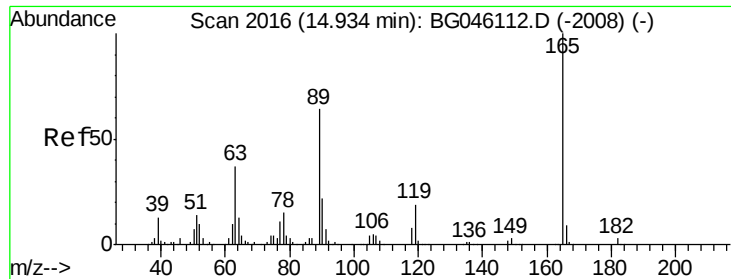
Tot Ion:172 Resp: 1065203
Ion Ratio Lower Upper
172 100
171 38.1 31.7 47.5
170 25.2 20.9 31.3



#51
2,6-Dinitrotoluene
Concen: 7.351 ng
RT: 14.58 min Scan# 1955
Delta R.T. 0.43 min
Lab File: BG046136.D
Acq: 31 Jul 2020 23:32

Tgt Ion:165 Resp: 29290
Ion Ratio Lower Upper
165 100
63 1.3 39.7 59.5#
89 1.5 41.0 61.6#

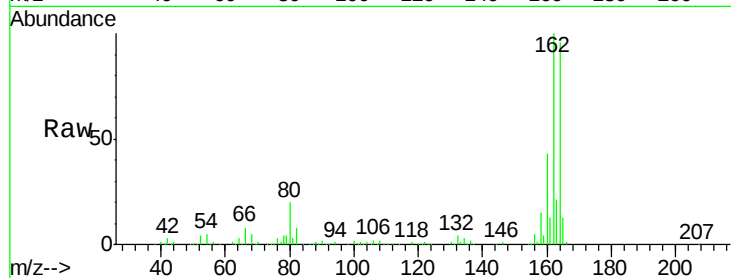




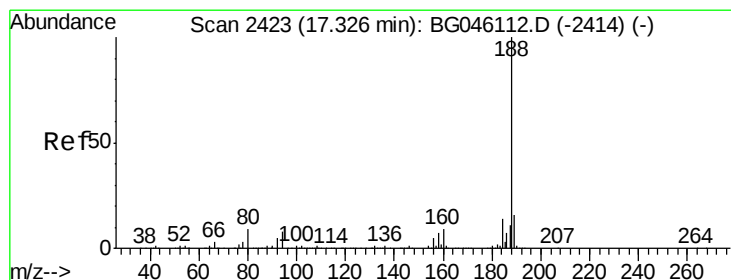
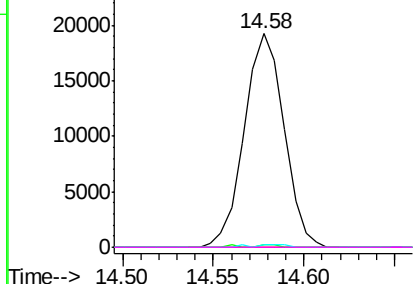
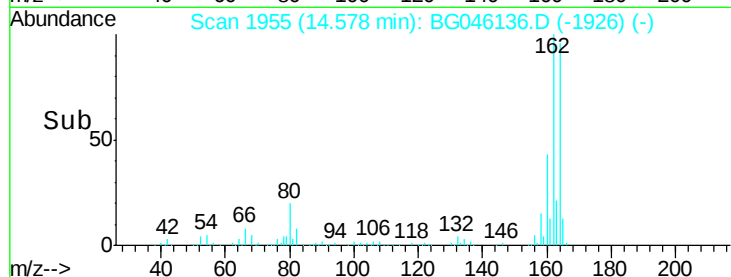
#57
 2,4-Dinitrotoluene
 Concen: 5.346 ng
 RT: 14.58 min Scan# 1955
 Delta R.T. -0.36 min
 Lab File: BG046136.D
 Acq: 31 Jul 2020 23:32

Instrument :
 BNA_G
 ClientSampleId :
 PB130658BL

Tot Ion:165 Resp: 29290
 Ion Ratio Lower Upper
 165 100
 63 1.3 30.1 45.1#
 89 1.5 51.4 77.2#
 182 0.0 2.3 3.5#

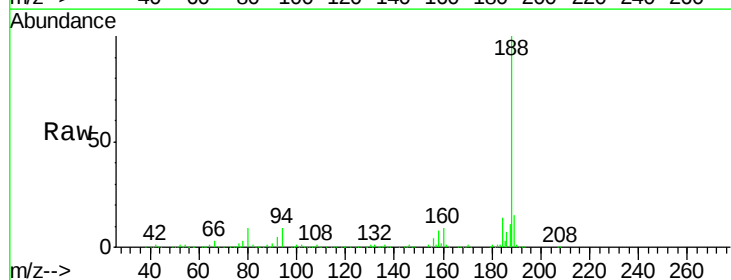


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

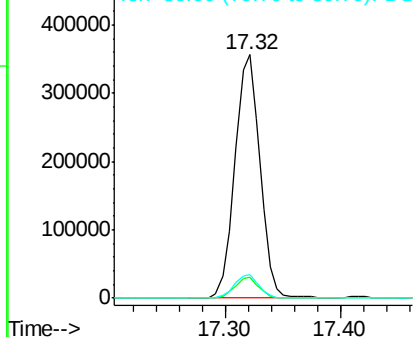
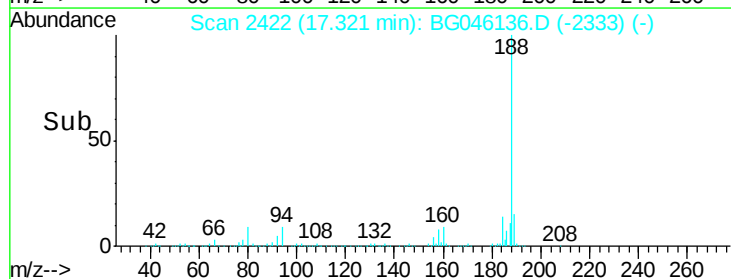


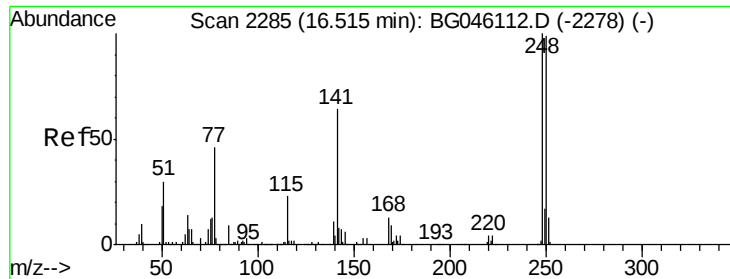
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.32 min Scan# 2422
 Delta R.T. -0.00 min
 Lab File: BG046136.D
 Acq: 31 Jul 2020 23:32

Tgt Ion:188 Resp: 534324
 Ion Ratio Lower Upper
 188 100
 94 8.5 6.4 9.6
 80 9.5 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

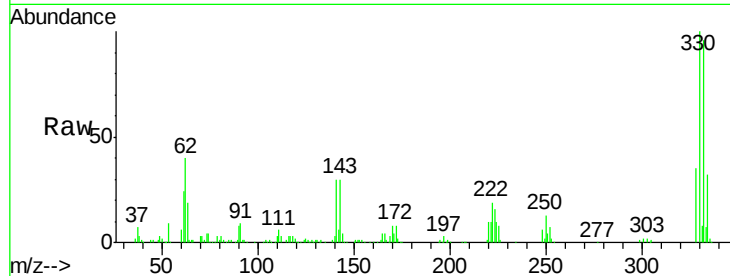




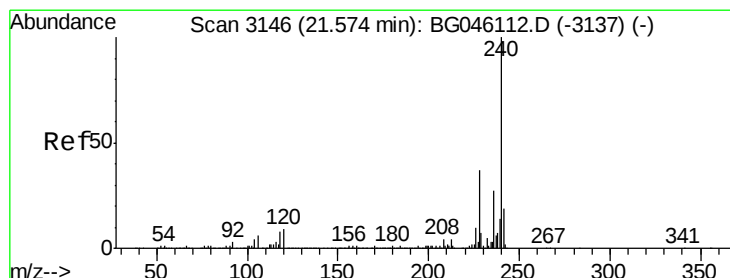
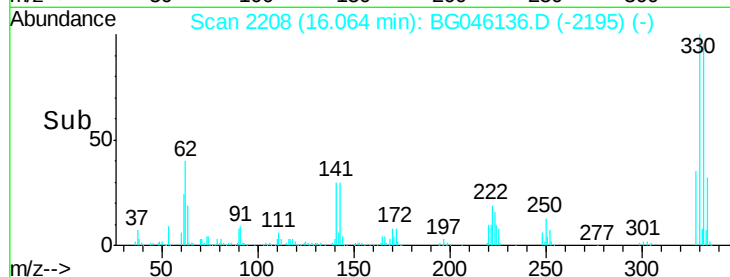
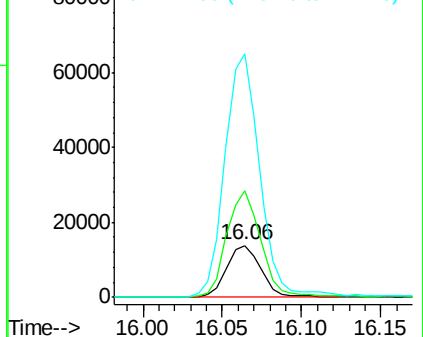
#67
4-Bromophenyl-phenylether
Concen: 3.141 ng
RT: 16.06 min Scan# 2208
Delta R.T. -0.45 min
Lab File: BG046136.D
Acq: 31 Jul 2020 23:32

Instrument :
BNA_G
ClientSampleId :
PB130658BL

Tot Ion:248 Resp: 20736
Ion Ratio Lower Upper
248 100
250 205.7 79.4 119.0#
141 469.5 50.9 76.3#

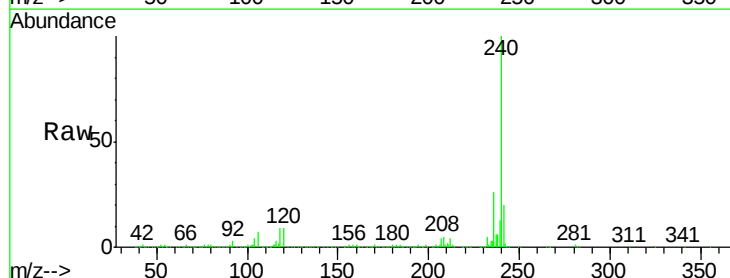


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

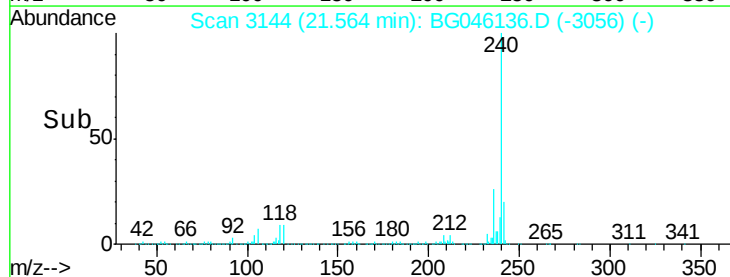
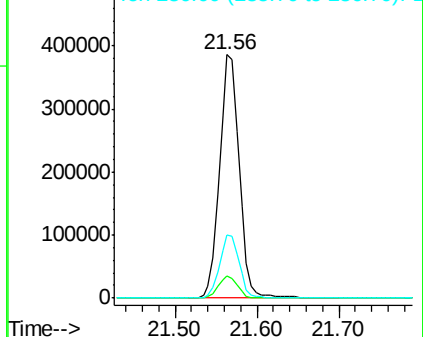


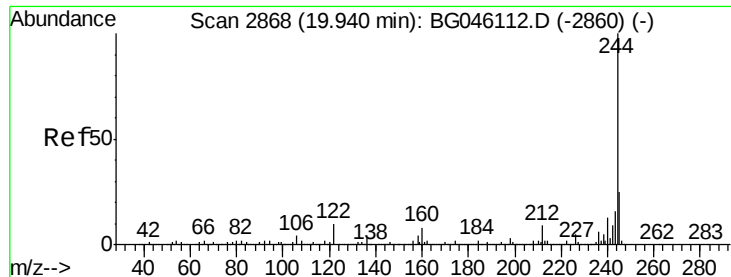
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG046136.D
Acq: 31 Jul 2020 23:32

Tgt Ion:240 Resp: 646879
Ion Ratio Lower Upper
240 100
120 9.2 7.1 10.7
236 26.2 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





#79

Terphenyl-d14

Concen: 58.744 ng

RT: 19.94 min Scan# 2867

Delta R.T. -0.00 min

Lab File: BG046136.D

Acq: 31 Jul 2020 23:32

Instrument :

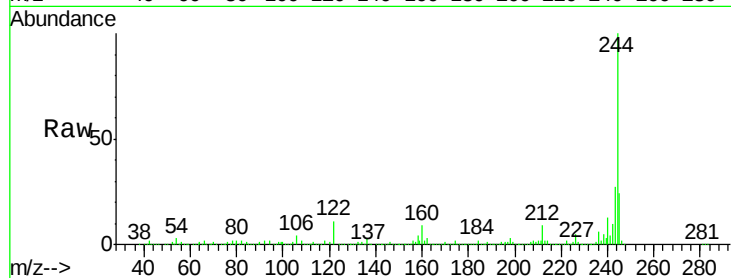
BNA_G

ClientSampleId :

PB130658BL

Tot Ion:244 Resp: 1865857

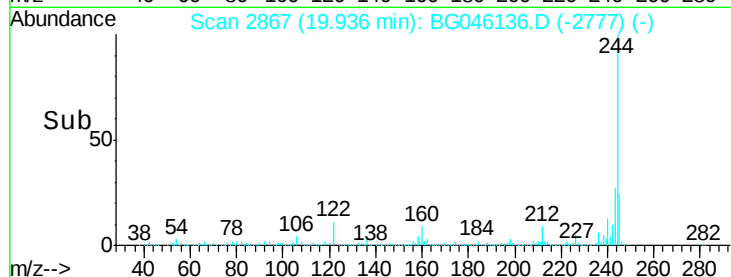
Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.2	10.8
122	10.8	8.3	12.5



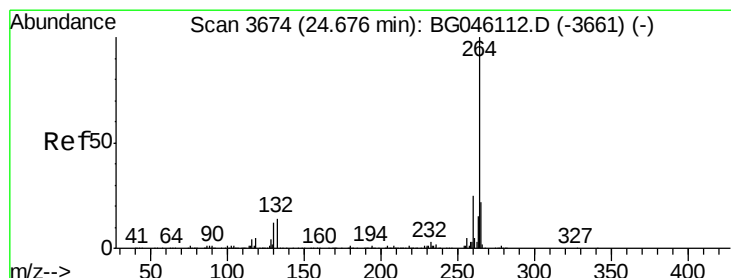
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.67 min Scan# 3673

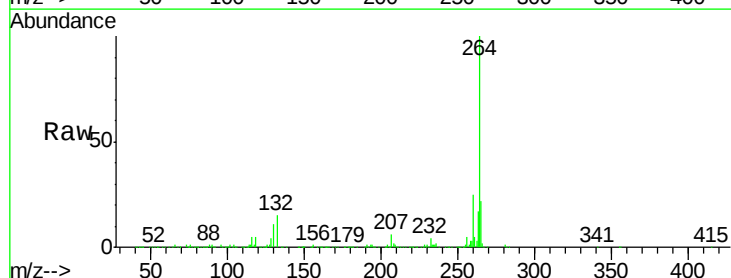
Delta R.T. -0.00 min

Lab File: BG046136.D

Acq: 31 Jul 2020 23:32

Tgt Ion:264 Resp: 641727

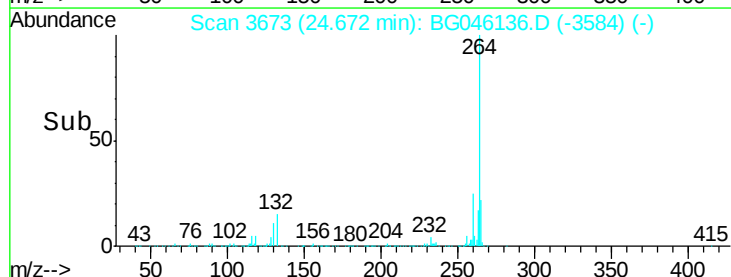
Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.7	29.5
265	22.3	17.6	26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time-->