

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091120\
 Data File : BG046601.D
 Acq On : 11 Sep 2020 18:06
 Operator : CG/JU
 Sample : L3975-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BSY-SB-0102-0-1

Quant Time: Sep 11 18:42:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 15:06:53 2020
 Response via : Initial Calibration

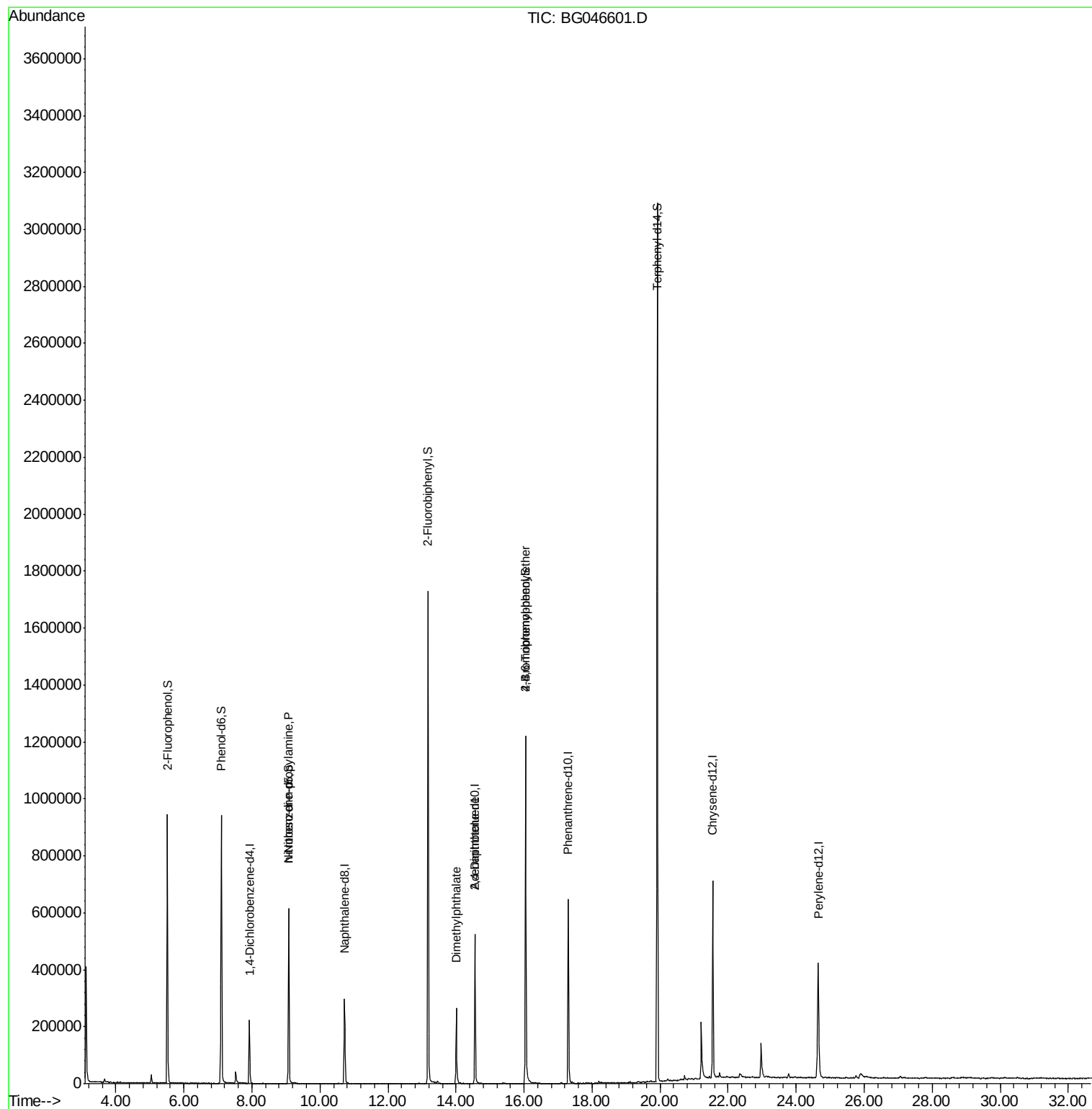
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	69646	20.00	ng	-0.01
21) Naphthalene-d8	10.72	136	287116	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	197517	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	463352	20.00	ng	-0.01
76) Chrysene-d12	21.54	240	462569	20.00	ng	-0.01
86) Perylene-d12	24.65	264	451919	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	454297	115.53	ng	0.00
7) Phenol-d6	7.10	99	603714	108.30	ng	0.00
23) Nitrobenzene-d5	9.08	82	397390	79.11	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	277528	103.70	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1014996	78.45	ng	-0.01
79) Terphenyl-d14	19.92	244	1449595	66.69	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.08	70	49922	14.972	ng	# 76
50) Dimethylphthalate	14.01	163	229328	15.007	ng	# 99
57) 2,4-Dinitrotoluene	14.56	165	26127	5.440	ng	# 34
67) 4-Bromophenyl-phenylether	16.04	248	21444	3.967	ng	# 1

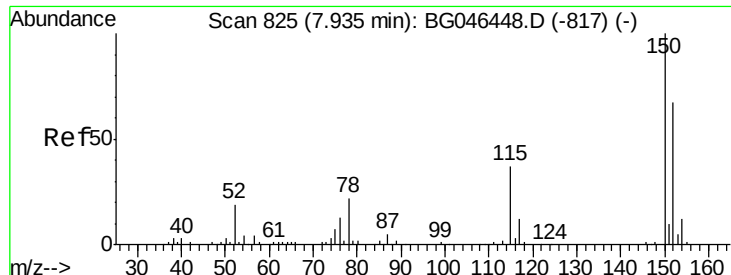
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 02 15:06:53 2020
Response via : Initial Calibration



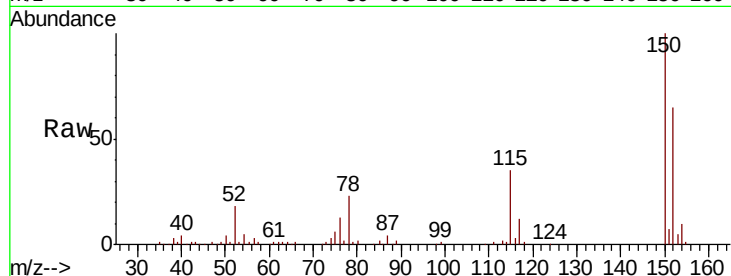


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 823
Delta R.T. -0.01 min
Lab File: BG046601.D
Acq: 11 Sep 2020 18:06

Instrument :
BNA_G
ClientSampleId :
BSY-SB-0102-0-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	119.5	179.3
115	54.1	44.3	66.5

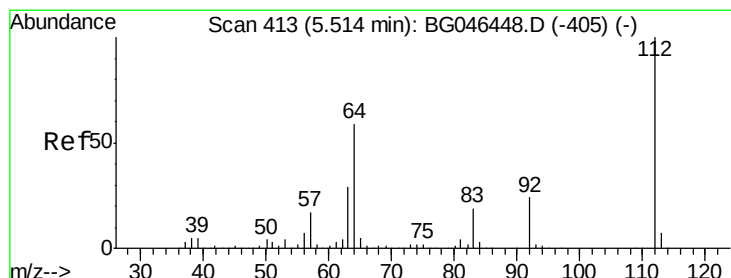
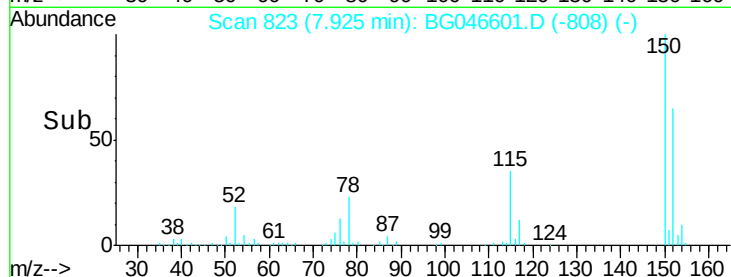
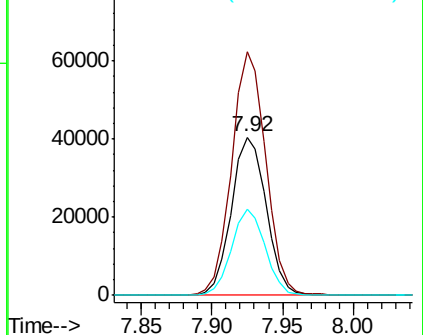


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

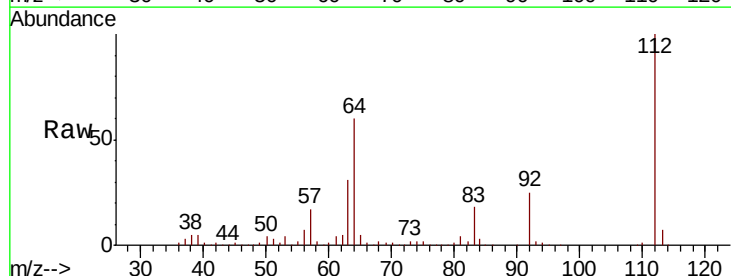
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 115.533 ng
RT: 5.52 min Scan# 413
Delta R.T. 0.00 min
Lab File: BG046601.D
Acq: 11 Sep 2020 18:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.4	47.0	70.6
63	30.7	23.5	35.3

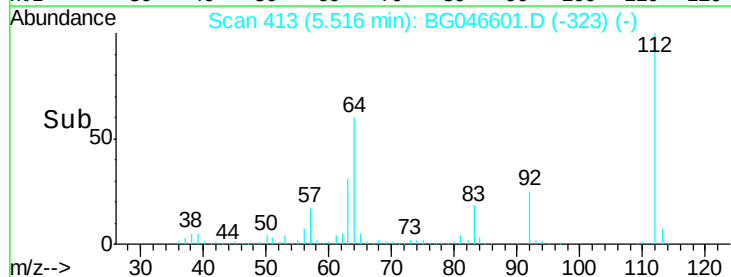
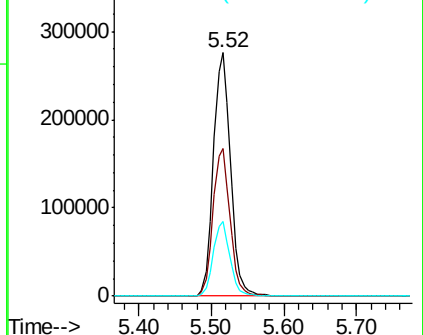


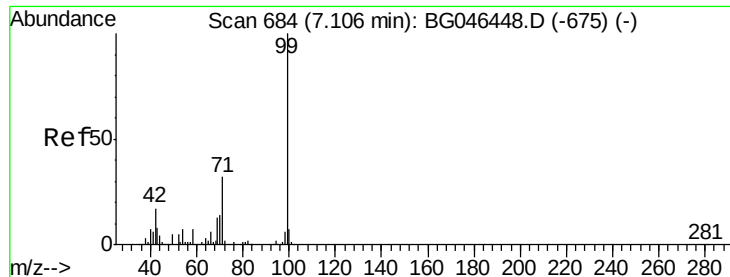
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 108.304 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG046601.D

Acq: 11 Sep 2020 18:06

Instrument :

BNA_G

ClientSampleId :

BSY-SB-0102-0-1

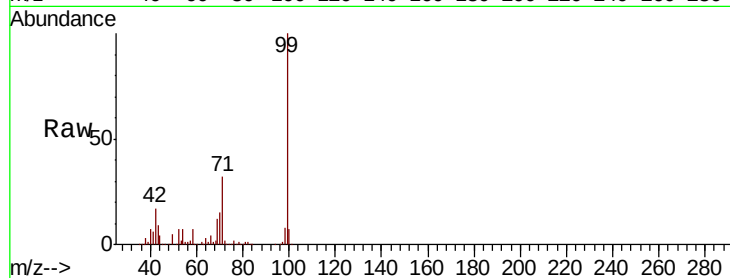
Tot Ion: 99 Resp: 603714

Ion Ratio Lower Upper

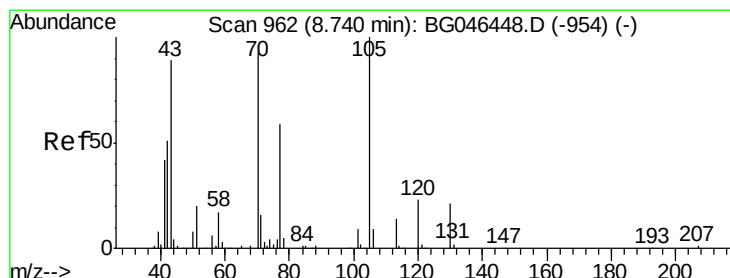
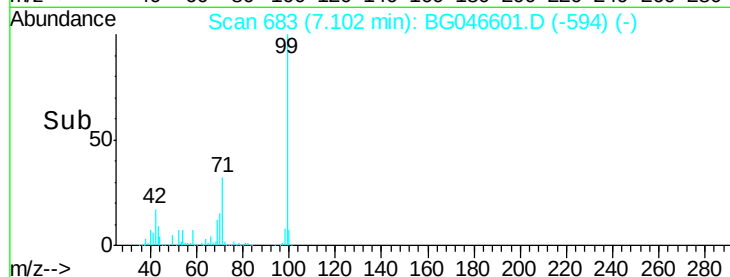
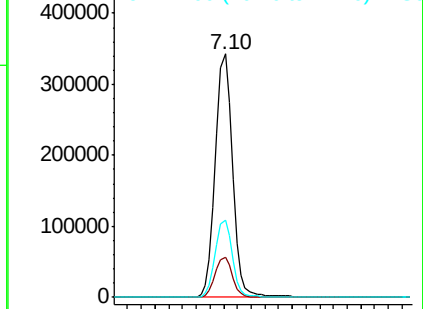
99 100

42 16.6 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: 14.972 ng

RT: 9.08 min Scan# 1020

Delta R.T. 0.35 min

Lab File: BG046601.D

Acq: 11 Sep 2020 18:06

Tgt Ion: 70 Resp: 49922

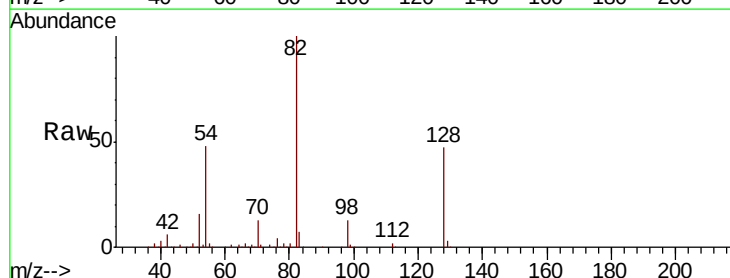
Ion Ratio Lower Upper

70 100

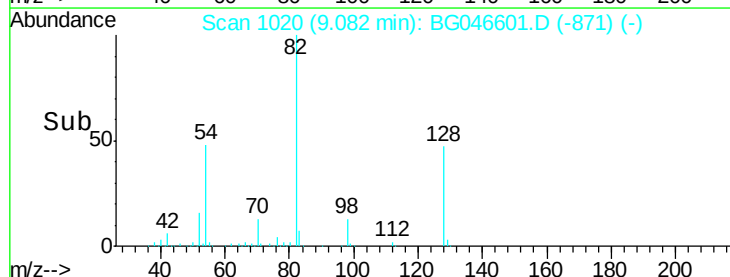
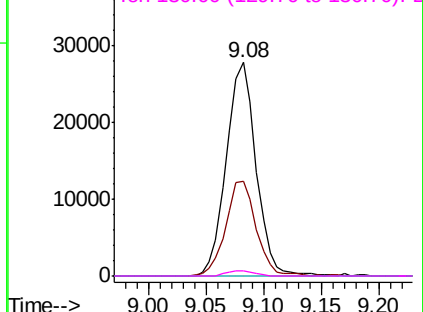
42 44.1 44.2 66.2#

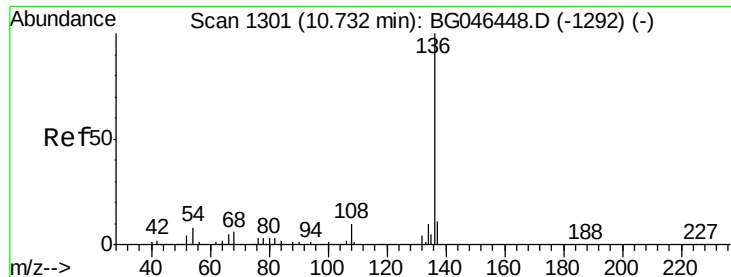
101 0.0 7.8 11.8#

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

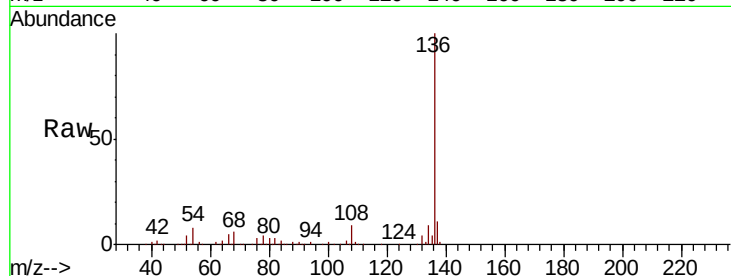




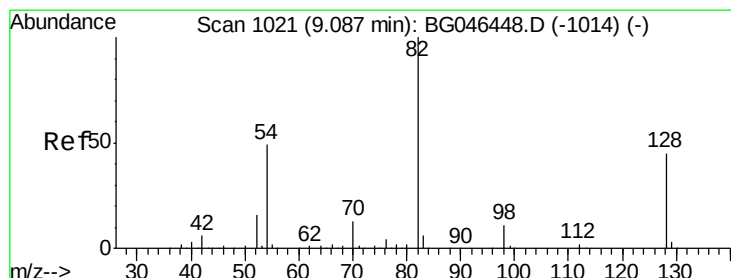
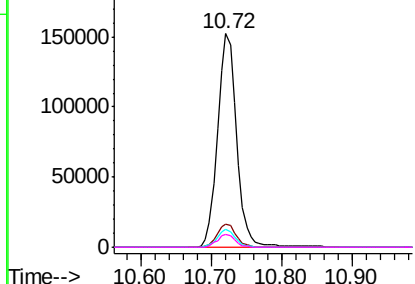
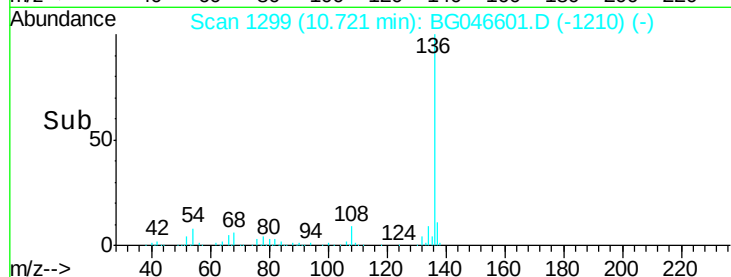
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BG046601.D
Acq: 11 Sep 2020 18:06

Instrument :
BNA_G
ClientSampleId :
BSY-SB-0102-0-1

Tot Ion:136	Resp:	287116
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.8	13.2
54 8.4	6.1	9.1
68 6.1	4.8	7.2

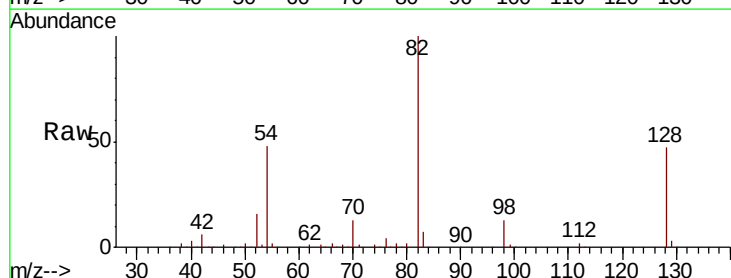


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

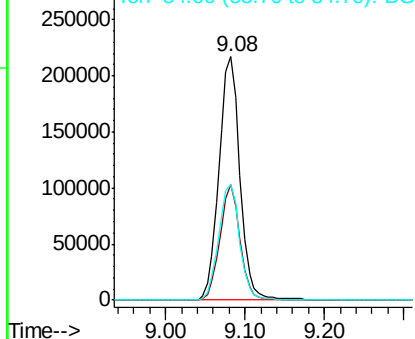
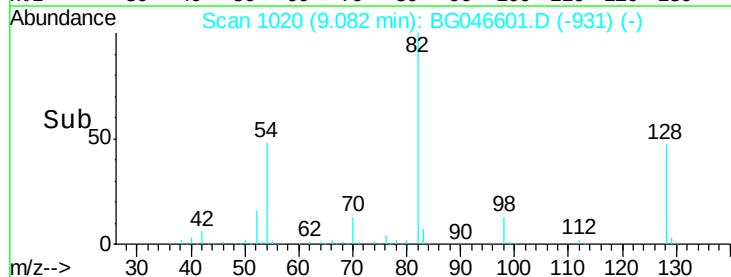


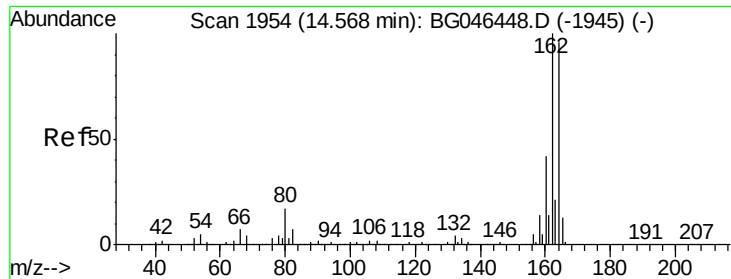
#23
Nitrobenzene-d5
Concen: 79.107 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG046601.D
Acq: 11 Sep 2020 18:06

Tgt Ion: 82	Resp: 397390
Ion Ratio	Lower Upper
82 100	
128 47.3	35.7 53.5
54 47.7	39.4 59.0



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: 14.56 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BG046601.D

Acq: 11 Sep 2020 18:06

Instrument :

BNA_G

ClientSampleId :

BSY-SB-0102-0-1

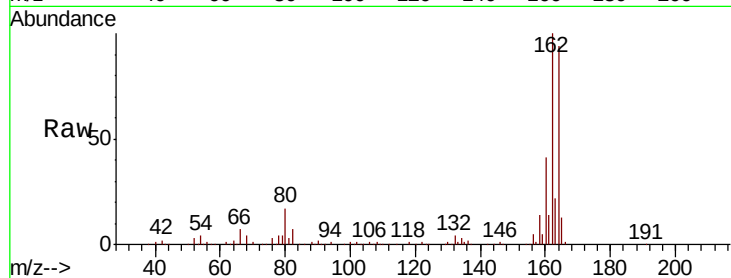
Tot Ion:164 Resp: 197517

Ion Ratio Lower Upper

164 100

162 106.5 83.3 124.9

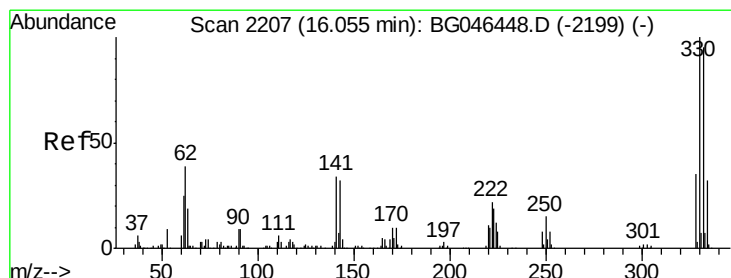
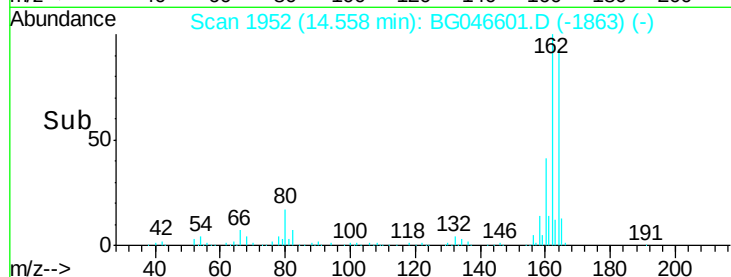
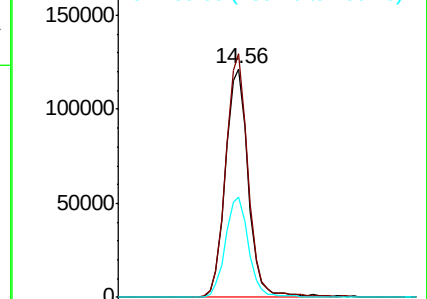
160 43.9 35.0 52.6



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: 103.702 ng

RT: 16.04 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BG046601.D

Acq: 11 Sep 2020 18:06

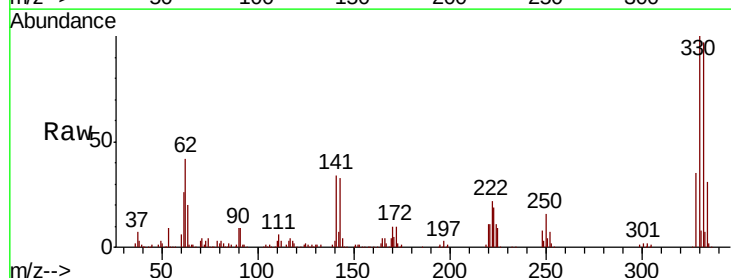
Tgt Ion:330 Resp: 277528

Ion Ratio Lower Upper

330 100

332 94.7 76.1 114.1

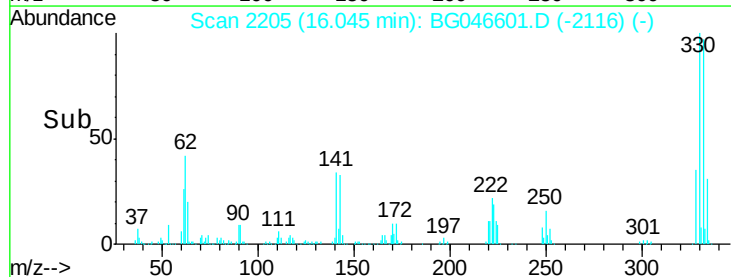
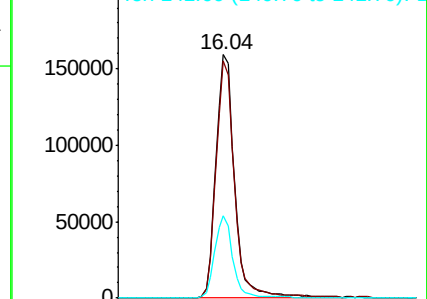
141 33.5 26.1 39.1

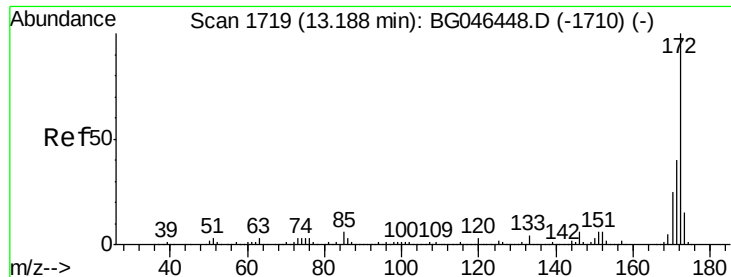


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

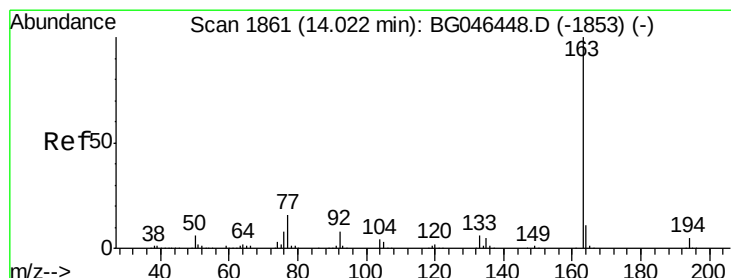
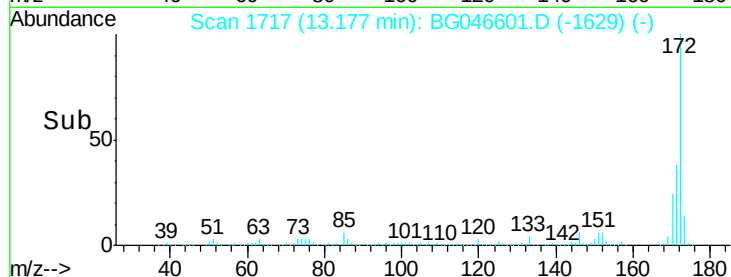
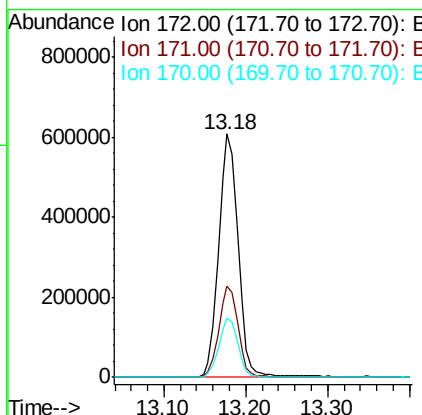
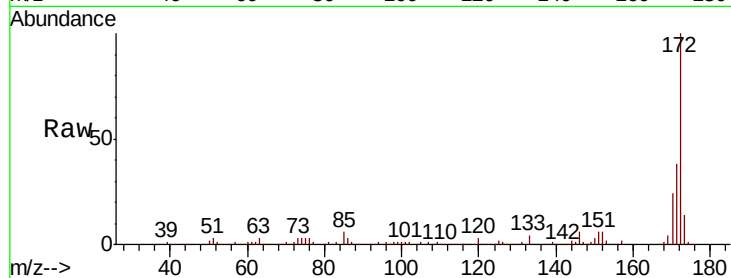




#45
2-Fluorobiphenyl
Concen: 78.447 ng
RT: 13.18 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BG046601.D
Acq: 11 Sep 2020 18:06

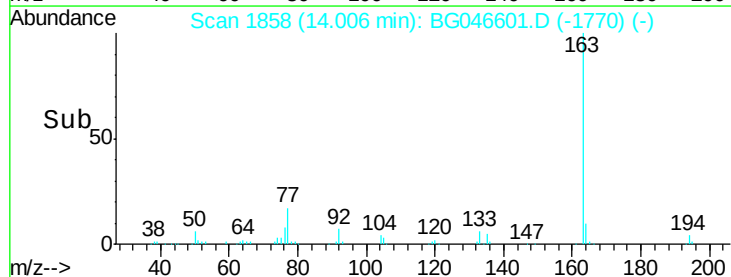
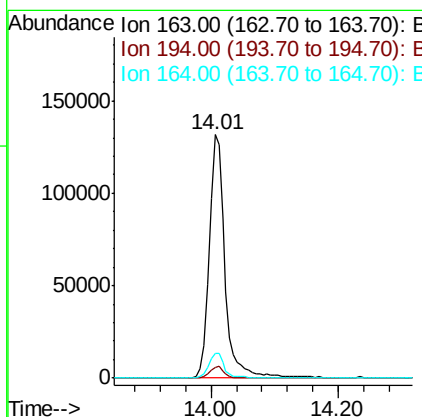
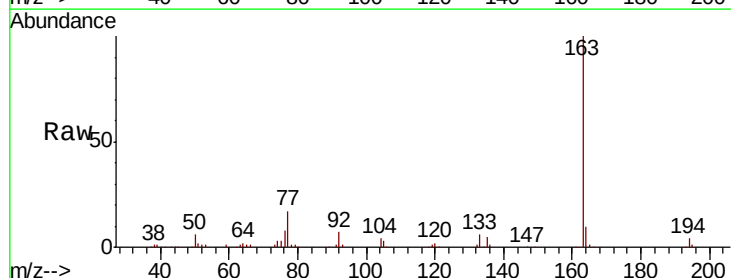
Instrument :
BNA_G
ClientSampleId :
BSY-SB-0102-0-1

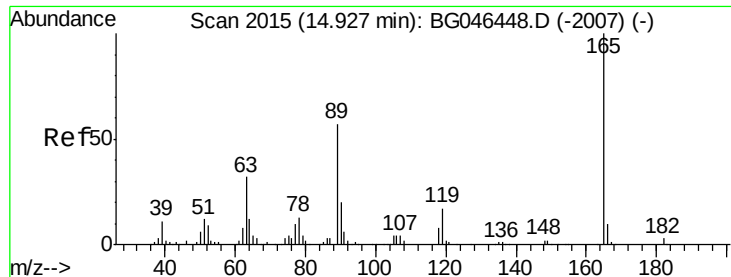
Tot Ion:172 Resp: 1014996
Ion Ratio Lower Upper
172 100
171 37.7 31.8 47.6
170 24.5 20.3 30.5



#50
Dimethylphthalate
Concen: 15.007 ng
RT: 14.01 min Scan# 1858
Delta R.T. -0.01 min
Lab File: BG046601.D
Acq: 11 Sep 2020 18:06

Tgt Ion:163 Resp: 229328
Ion Ratio Lower Upper
163 100
194 4.4 3.7 5.5
164 10.4 8.6 12.8

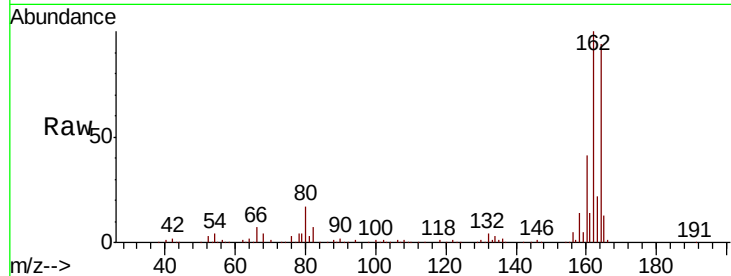




#57
 2,4-Dinitrotoluene
 Concen: 5.440 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. -0.37 min
 Lab File: BG046601.D
 Acq: 11 Sep 2020 18:06

Instrument :
 BNA_G
 ClientSampleId :
 BSY-SB-0102-0-1

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	25.4	38.0#
89	1.7	45.9	68.9#
182	0.0	2.3	3.5#

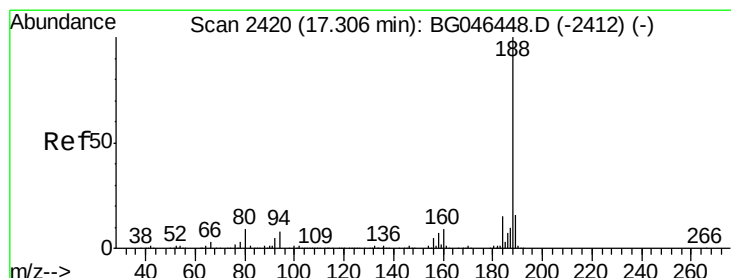
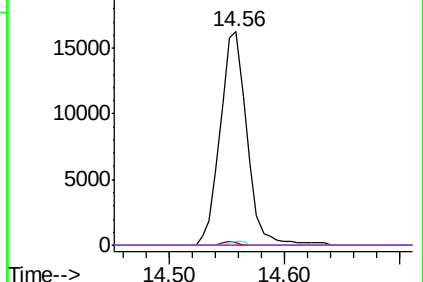
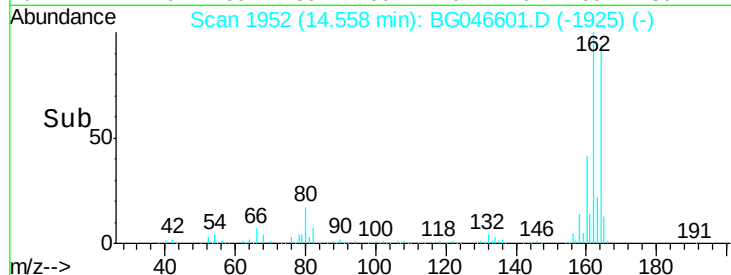


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

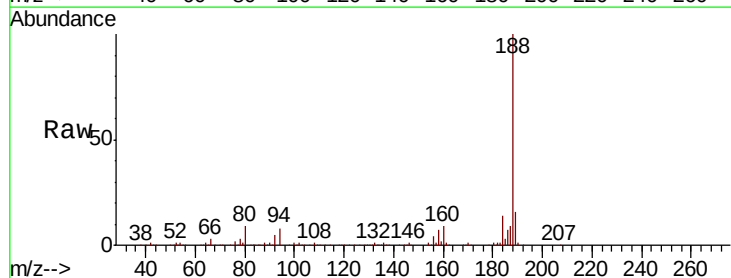
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.30 min Scan# 2418
 Delta R.T. -0.01 min
 Lab File: BG046601.D
 Acq: 11 Sep 2020 18:06

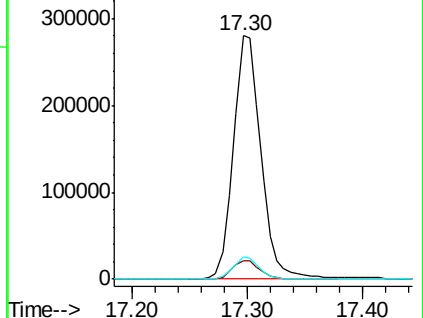
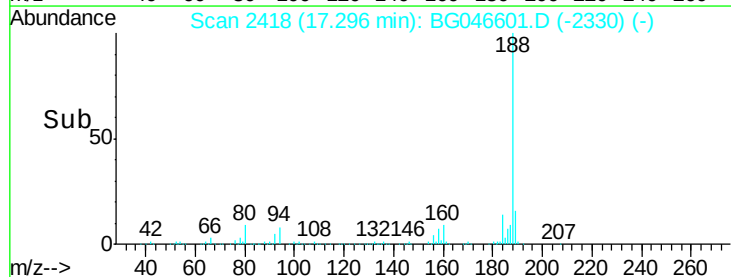
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.3	9.5
80	9.2	6.9	10.3

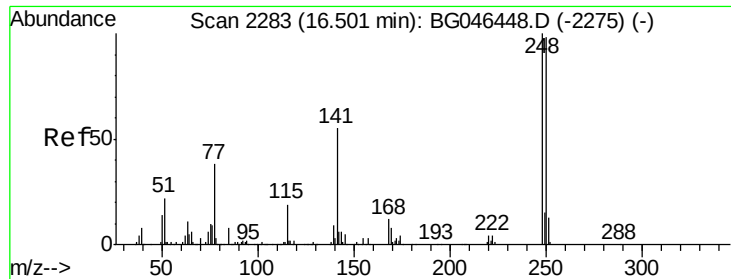


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

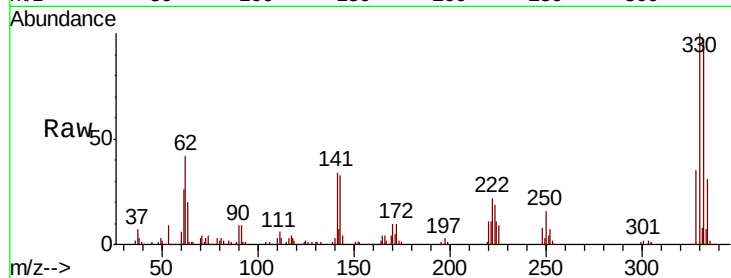




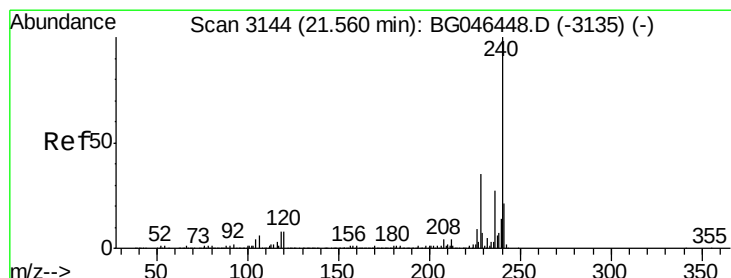
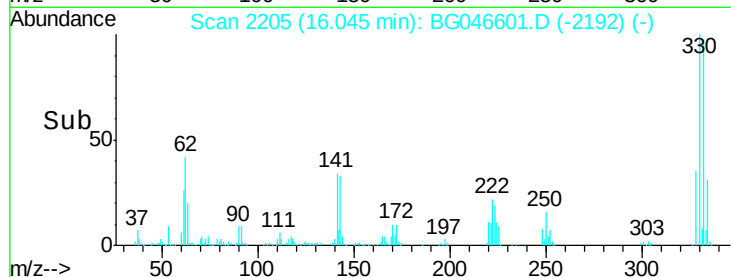
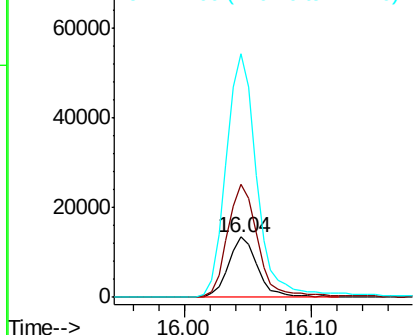
#67
 4-Bromophenyl-phenylether
 Concen: 3.967 ng
 RT: 16.04 min Scan# 2205
 Delta R.T. -0.45 min
 Lab File: BG046601.D
 Acq: 11 Sep 2020 18:06

Instrument :
 BNA_G
 ClientSampleId :
 BSY-SB-0102-0-1

Tot Ion:248 Resp: 21444
 Ion Ratio Lower Upper
 248 100
 250 188.4 78.6 118.0#
 141 405.7 43.9 65.9#

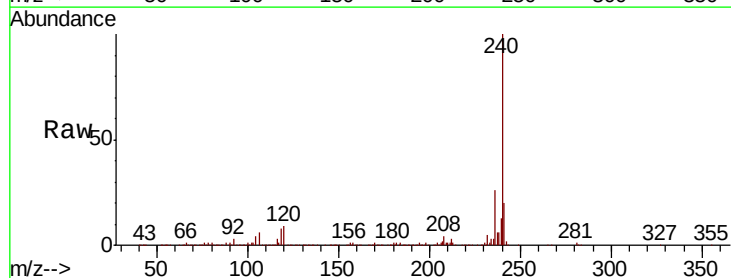


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

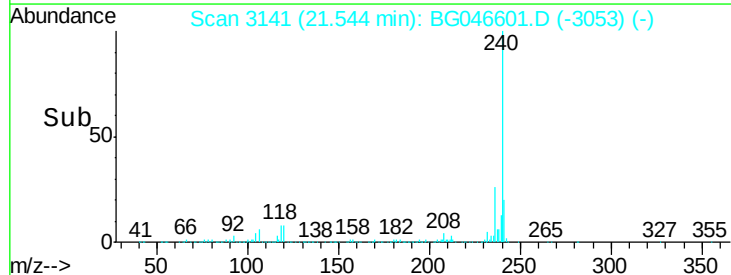
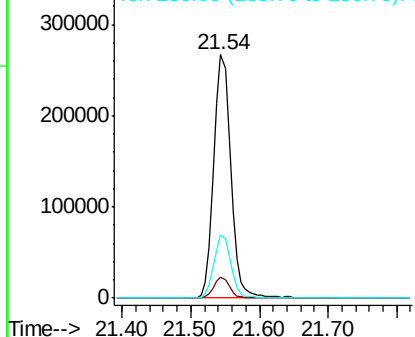


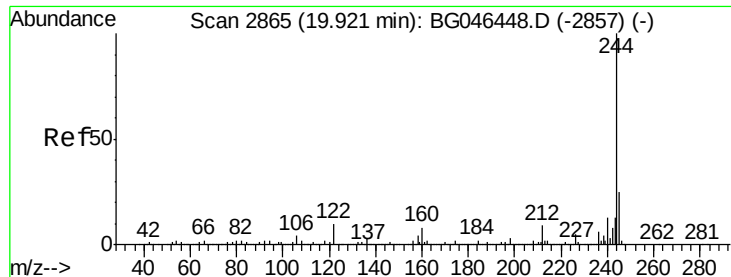
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.54 min Scan# 3141
 Delta R.T. -0.01 min
 Lab File: BG046601.D
 Acq: 11 Sep 2020 18:06

Tgt Ion:240 Resp: 462569
 Ion Ratio Lower Upper
 240 100
 120 8.5 6.6 10.0
 236 26.2 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





#79

Terphenyl-d14

Concen: 66.693 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG046601.D

Acq: 11 Sep 2020 18:06

Instrument :

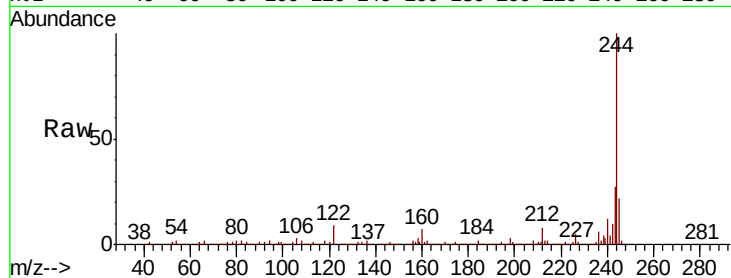
BNA_G

ClientSampleId :

BSY-SB-0102-0-1

Tot Ion:244 Resp: 1449595

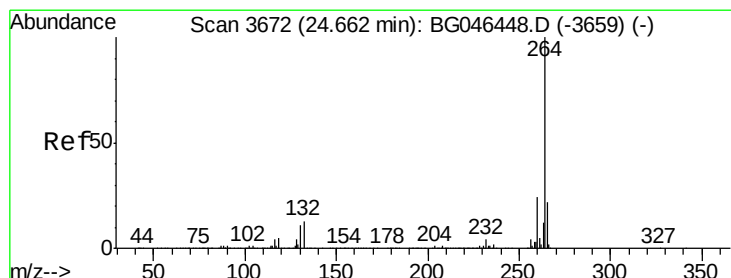
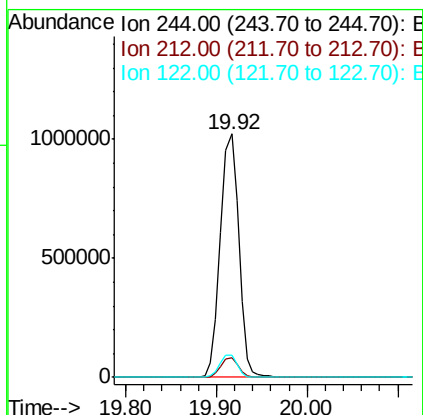
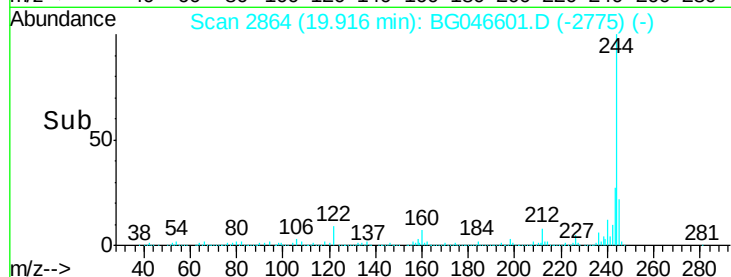
Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.9	10.3
122	9.1	8.2	12.4



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

Perylene-d12

Concen: 20.000 ng

RT: 24.65 min Scan# 3669

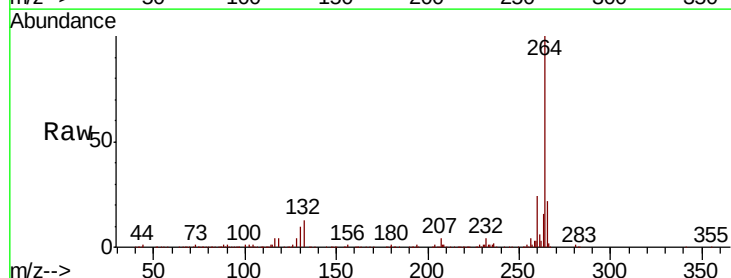
Delta R.T. -0.01 min

Lab File: BG046601.D

Acq: 11 Sep 2020 18:06

Tgt Ion:264 Resp: 451919

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.6	17.9	26.9



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

