

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100518\
 Data File : BG037183.D
 Acq On : 5 Oct 2018 10:37
 Operator : JU/SJ
 Sample : J5241-15
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 100218-JETT-E-U-B

Quant Time: Oct 05 13:12:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

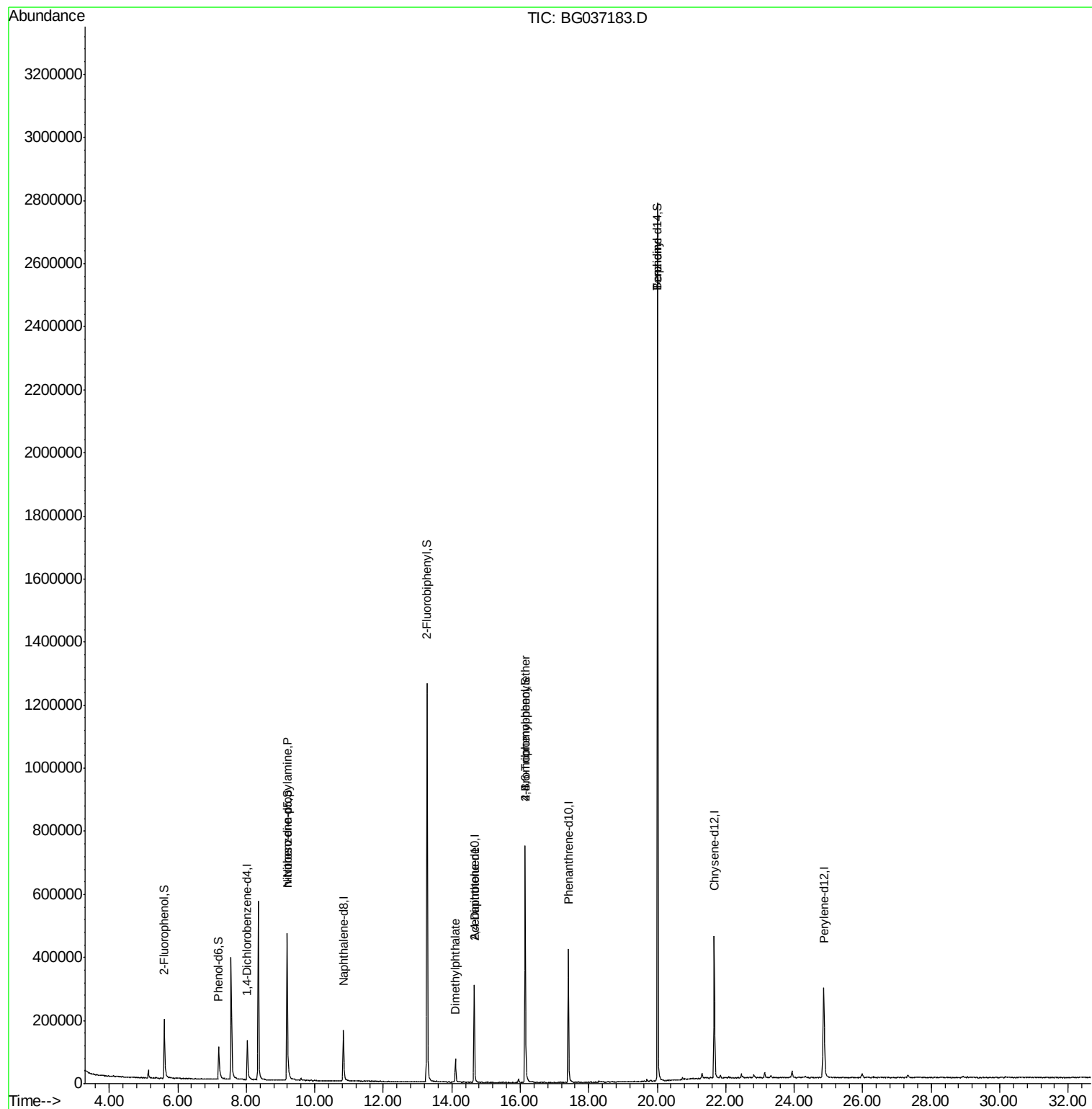
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	42149	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	171254	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	111324	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	291372	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	308426	20.00	ng	-0.02
86) Perylene-d12	24.86	264	306485	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	102662	46.71	ng	-0.01
7) Phenol-d6	7.20	99	82301	24.20	ng	-0.02
23) Nitrobenzene-d5	9.19	82	342262	107.03	ng	-0.02
41) 2,4,6-Tribromophenol	16.14	330	142263	106.81	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	721097	96.47	ng	-0.02
78) Terphenyl-d14	20.01	244	1345509	114.71	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	45239	15.993	ng	# 73
49) Dimethylphthalate	14.10	163	59391	6.628	ng	# 98
56) 2,4-Dinitrotoluene	14.66	165	14437	5.292	ng	# 22
66) 4-Bromophenyl-phenylether	16.14	248	10245	3.091	ng	# 1
76) Benzidine	20.01	184	25000	2.681	ng	# 92

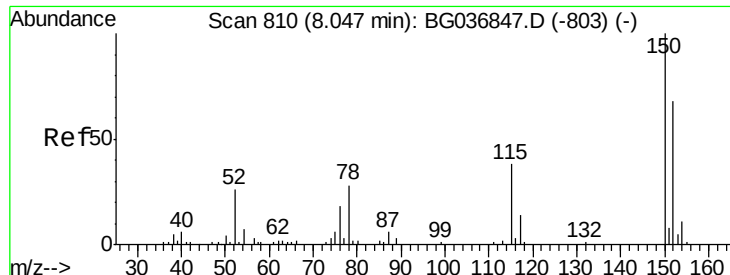
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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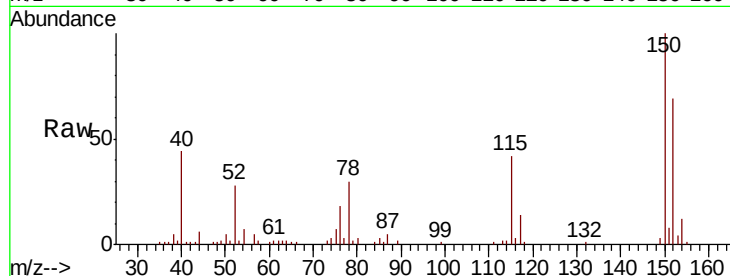


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.02 min
Lab File: BG037183.D
Acq: 5 Oct 2018 10:37

Instrument :
BNA_G
ClientSampleId :
100218-JETT-E-U-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.9	119.5	179.3
115	61.0	44.5	66.7

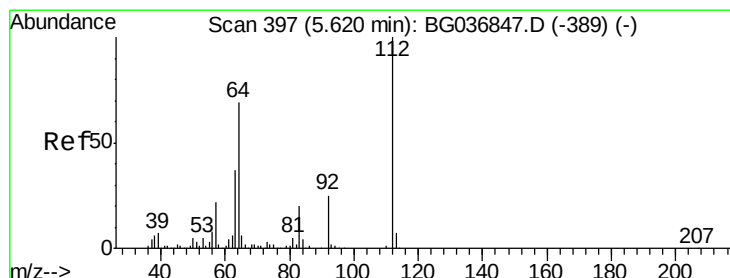
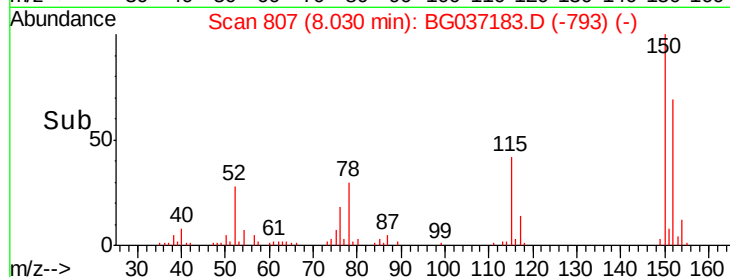
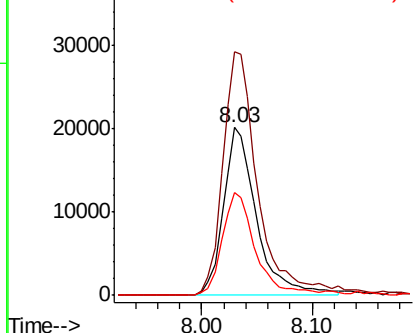


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

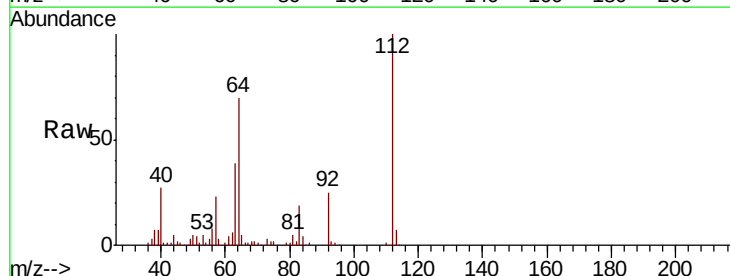
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 46.711 ng
RT: 5.61 min Scan# 395
Delta R.T. -0.01 min
Lab File: BG037183.D
Acq: 5 Oct 2018 10:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.3	57.2	85.8
63	38.6	30.8	46.2

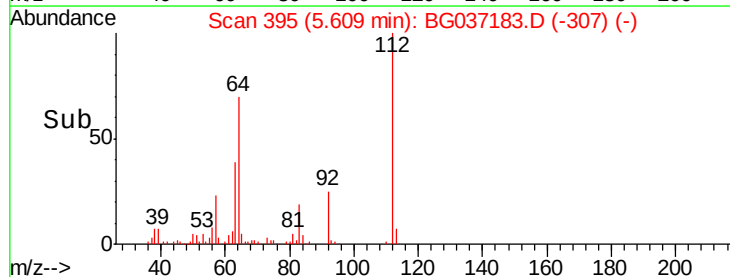
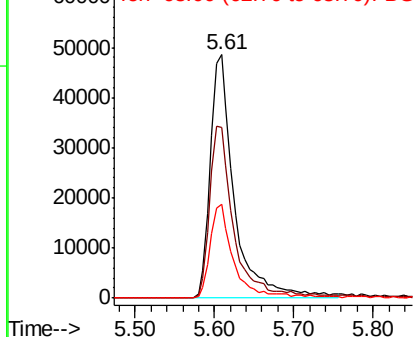


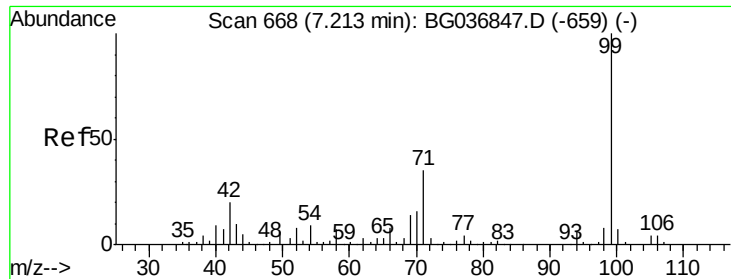
Abundance

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: 24.204 ng

RT: 7.20 min Scan# 665

Delta R.T. -0.02 min

Lab File: BG037183.D

Acq: 5 Oct 2018 10:37

Instrument :

BNA_G

ClientSampleId :

100218-JETT-E-U-B

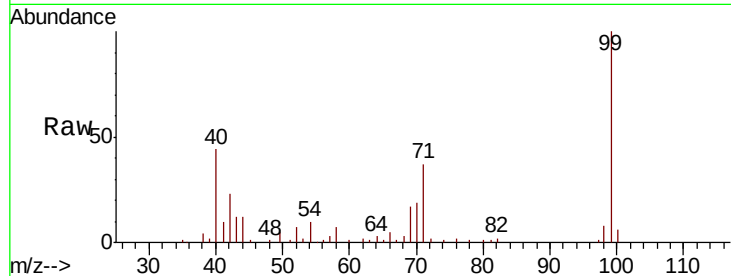
Tot Ion: 99 Resp: 82301

Ion Ratio Lower Upper

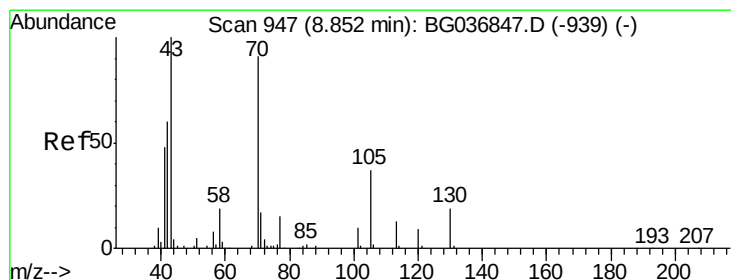
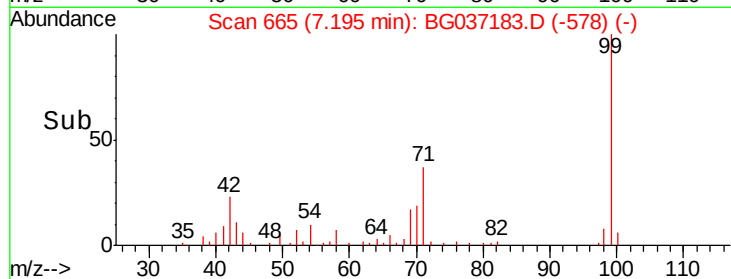
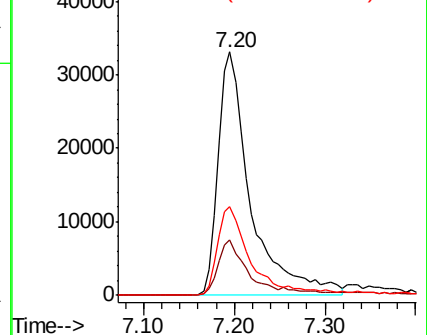
99 100

42 23.0 16.5 24.7

71 36.6 29.4 44.2



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: 15.993 ng

RT: 9.19 min Scan# 1005

Delta R.T. 0.34 min

Lab File: BG037183.D

Acq: 5 Oct 2018 10:37

Tgt Ion: 70 Resp: 45239

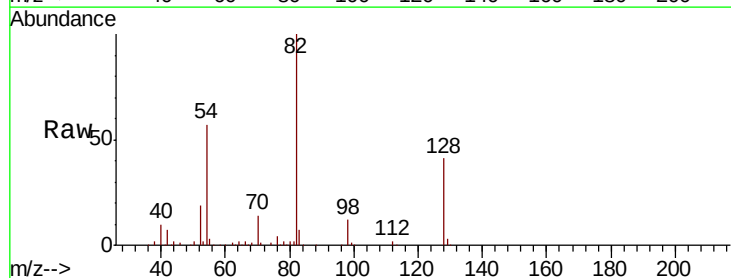
Ion Ratio Lower Upper

70 100

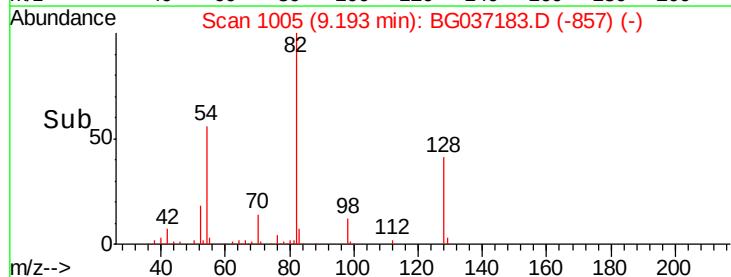
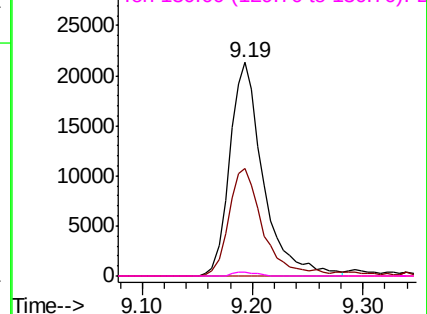
42 50.6 56.2 84.4#

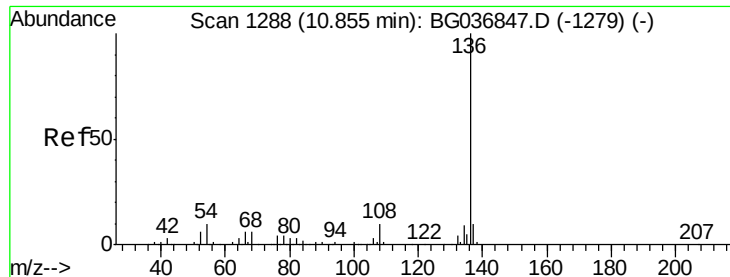
101 0.0 7.8 11.6#

130 1.6 16.2 24.2#



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

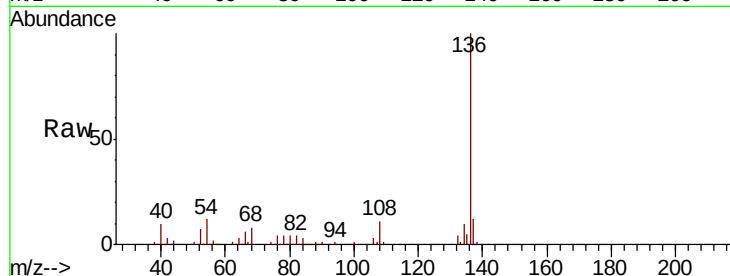




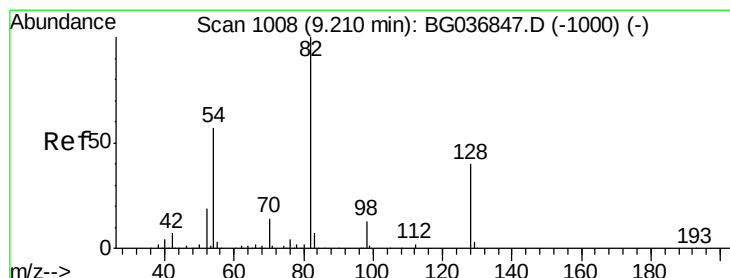
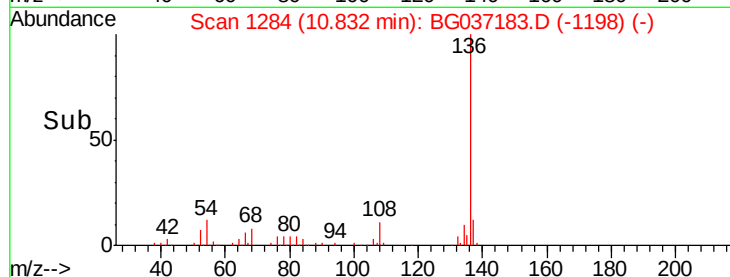
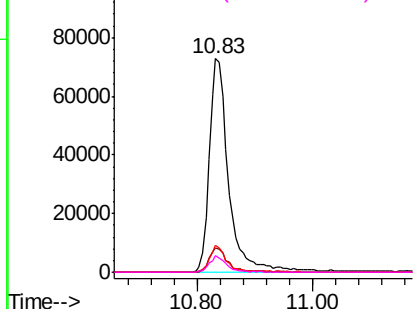
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BG037183.D
Acq: 5 Oct 2018 10:37

Instrument :
BNA_G
ClientSampleId :
100218-JETT-E-U-B

Tot Ion:136	Resp:	171254
Ion Ratio	Lower	Upper
136 100		
137 11.5	8.8	13.2
54 12.3	9.2	13.8
68 7.6	5.8	8.6

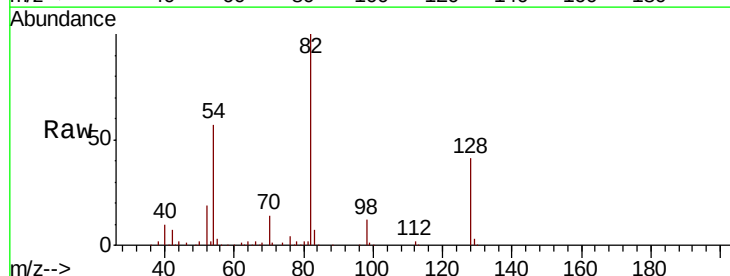


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

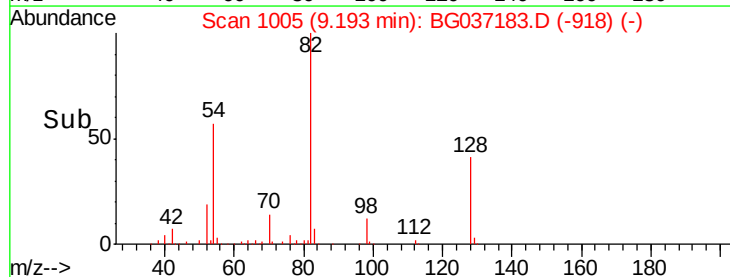
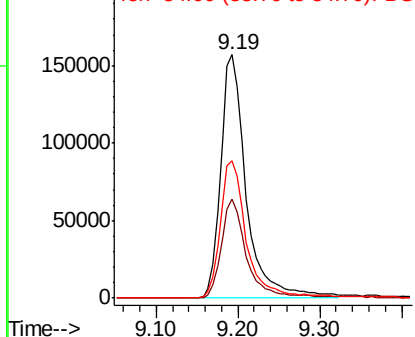


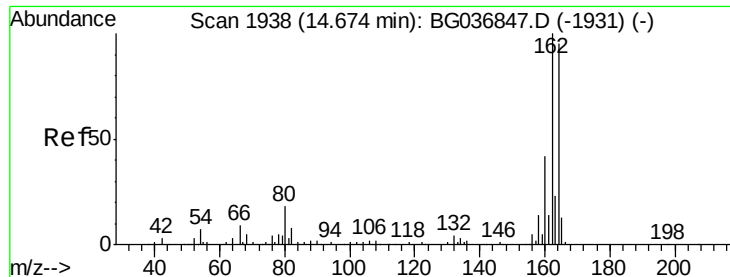
#23
Nitrobenzene-d5
Concen: 107.025 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BG037183.D
Acq: 5 Oct 2018 10:37

Tgt	Ion: 82	Resp:	342262
Ion	Ratio	Lower	Upper
82	100		
128	40.5	33.3	49.9
54	56.6	45.1	67.7



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1935

Delta R.T. -0.02 min

Lab File: BG037183.D

Acq: 5 Oct 2018 10:37

Instrument :

BNA_G

ClientSampleId :

100218-JETT-E-U-B

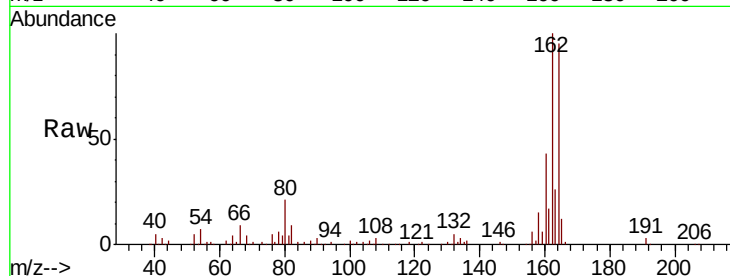
Tot Ion:164 Resp: 111324

Ion Ratio Lower Upper

164 100

162 105.3 80.7 121.1

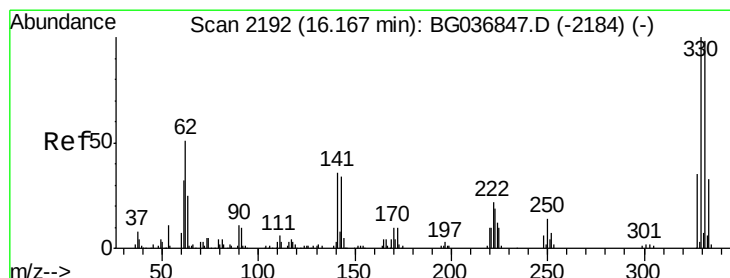
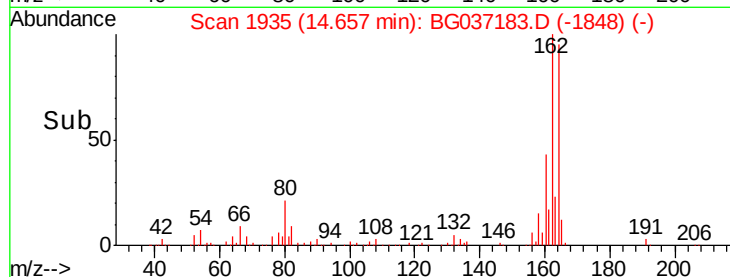
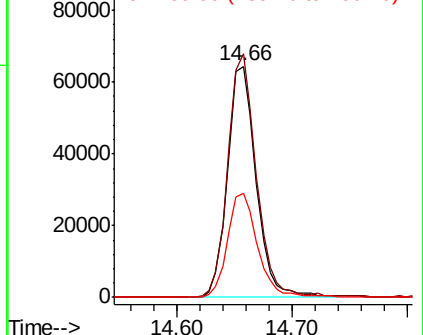
160 44.8 35.3 52.9



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



#41

2,4,6-Tribromophenol

Concen: 106.810 ng

RT: 16.14 min Scan# 2188

Delta R.T. -0.02 min

Lab File: BG037183.D

Acq: 5 Oct 2018 10:37

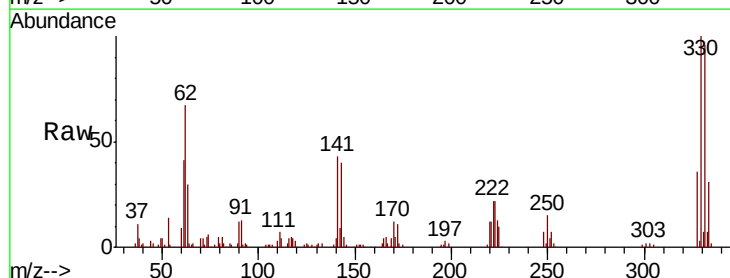
Tgt Ion:330 Resp: 142263

Ion Ratio Lower Upper

330 100

332 97.9 75.4 113.2

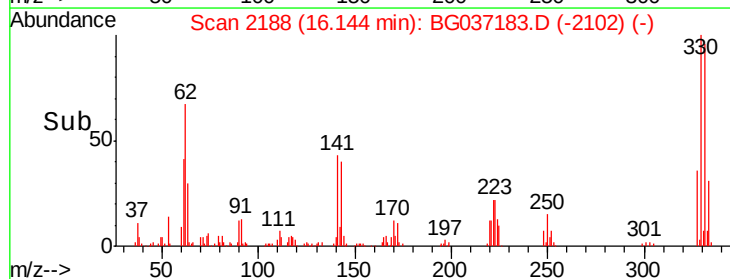
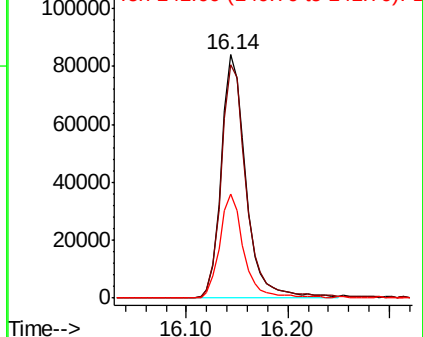
141 41.9 30.7 46.1

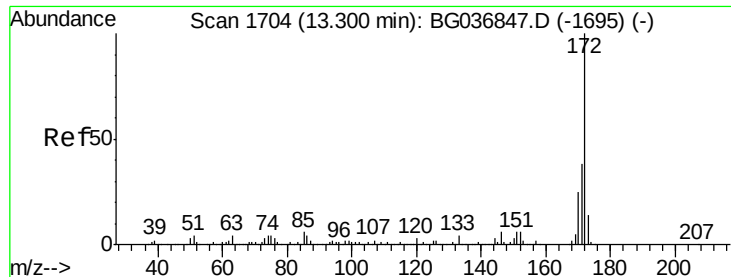


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

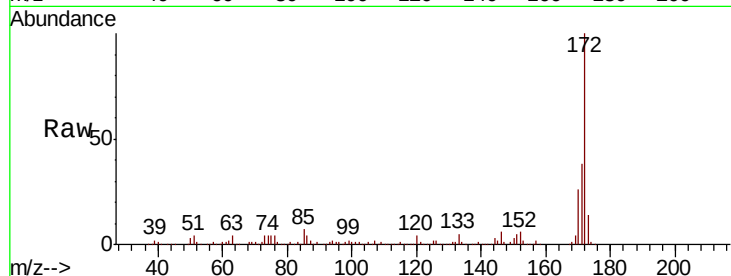




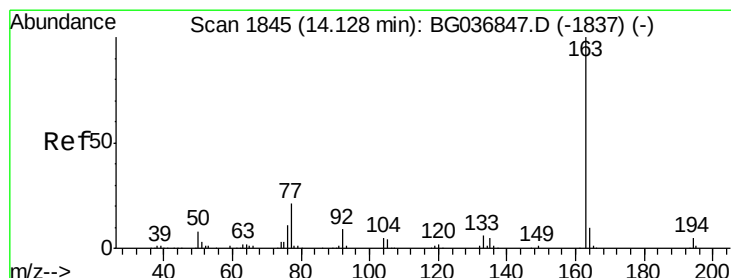
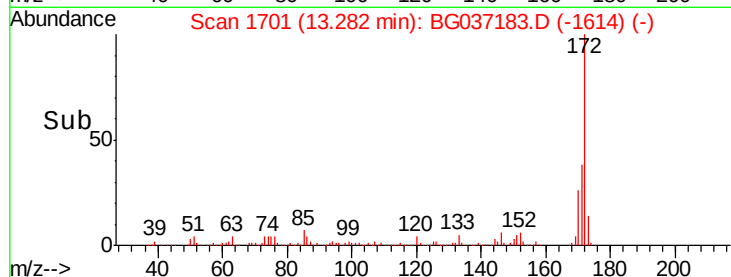
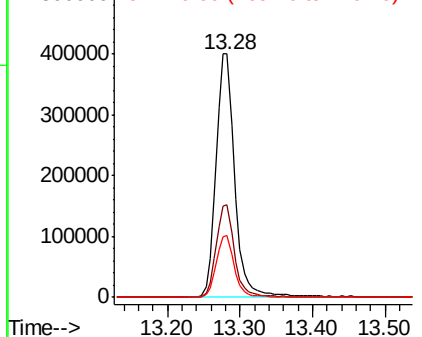
#44
2-Fluorobiphenyl
Concen: 96.475 ng
RT: 13.28 min Scan# 1701
Delta R.T. -0.02 min
Lab File: BG037183.D
Acq: 5 Oct 2018 10:37

Instrument :
BNA_G
ClientSampleId :
100218-JETT-E-U-B

Tot Ion:172 Resp: 721097
Ion Ratio Lower Upper
172 100
171 37.8 31.3 46.9
170 25.5 21.0 31.6

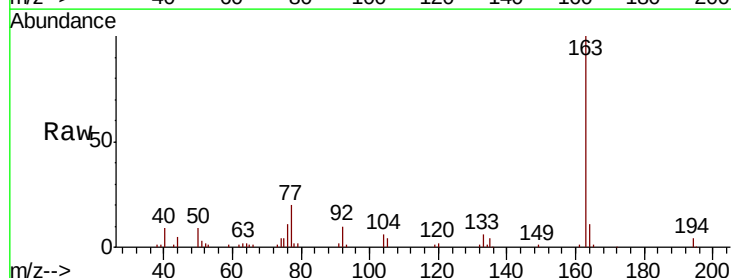


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

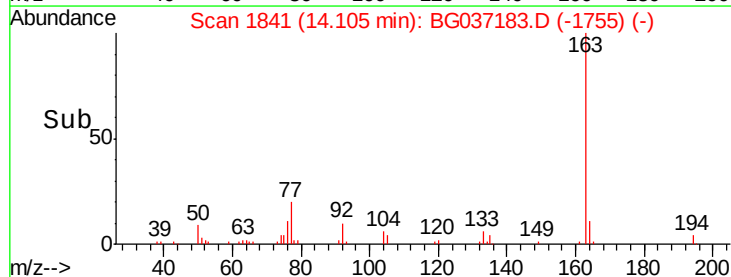
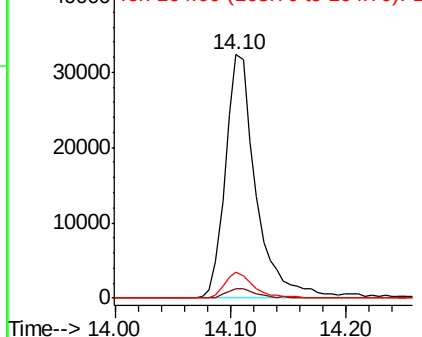


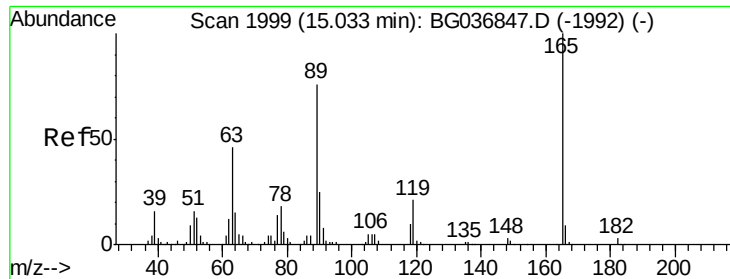
#49
Dimethylphthalate
Concen: 6.628 ng
RT: 14.10 min Scan# 1841
Delta R.T. -0.02 min
Lab File: BG037183.D
Acq: 5 Oct 2018 10:37

Tgt Ion:163 Resp: 59391
Ion Ratio Lower Upper
163 100
194 4.1 4.0 6.0
164 10.7 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

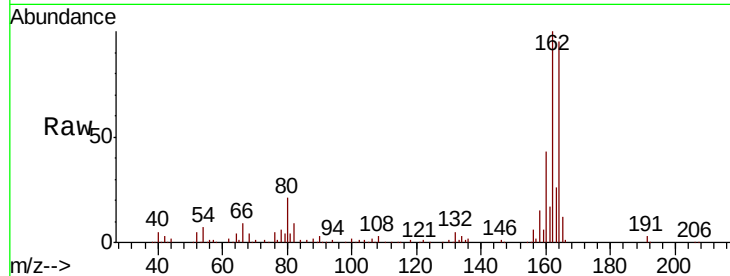




#56
 2,4-Dinitrotoluene
 Concen: 5.292 ng
 RT: 14.66 min Scan# 1935
 Delta R.T. -0.38 min
 Lab File: BG037183.D
 Acq: 5 Oct 2018 10:37

Instrument :
 BNA_G
 ClientSampleId :
 100218-JETT-E-U-B

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.2	40.1	60.1#
89	3.7	63.7	95.5#
182	0.0	2.5	3.7#



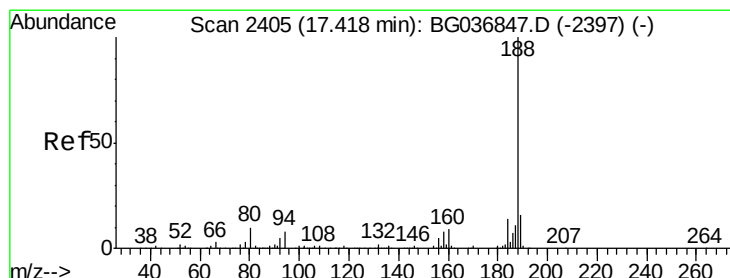
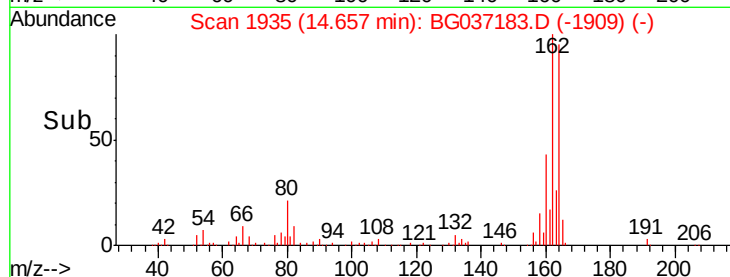
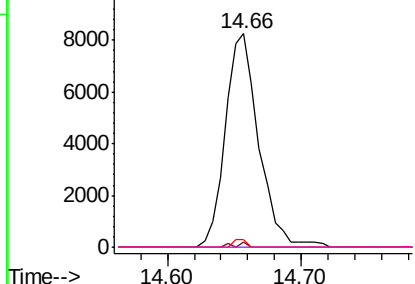
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

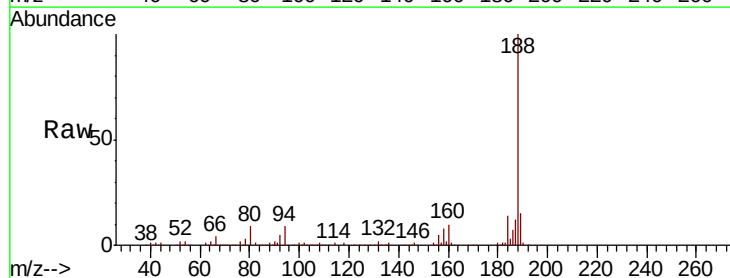
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.40 min Scan# 2402
 Delta R.T. -0.02 min
 Lab File: BG037183.D
 Acq: 5 Oct 2018 10:37

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.7	10.1
80	9.2	8.1	12.1

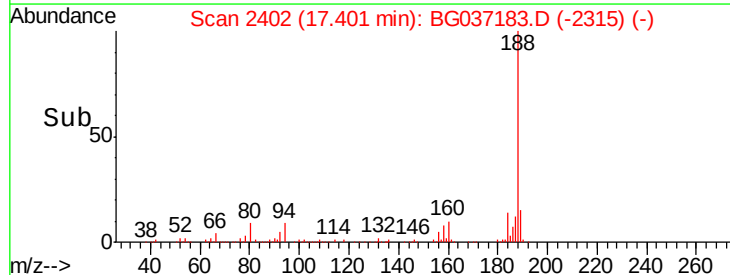
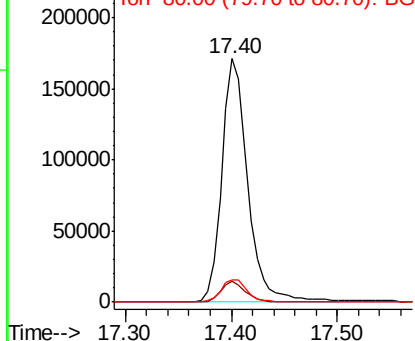


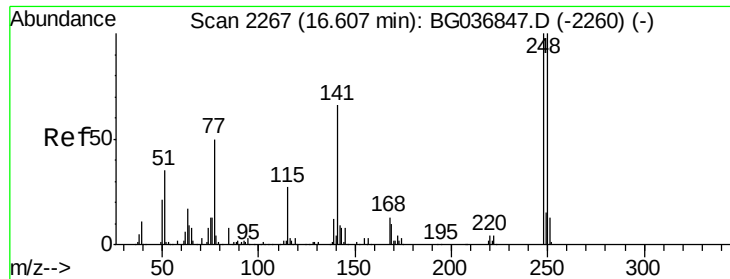
Abundance

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

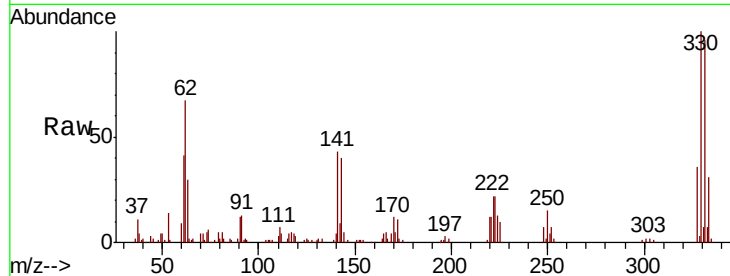




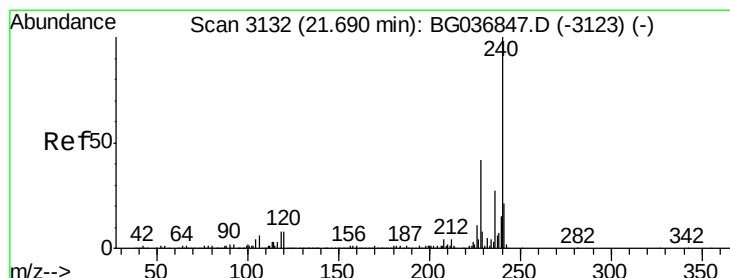
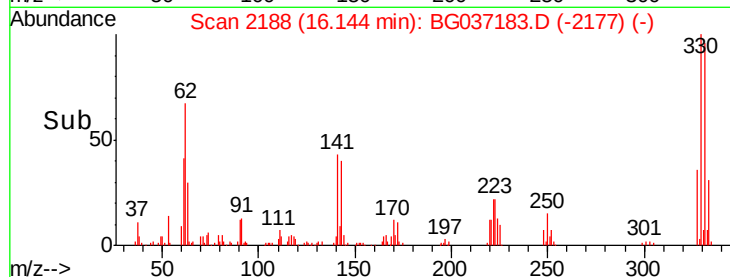
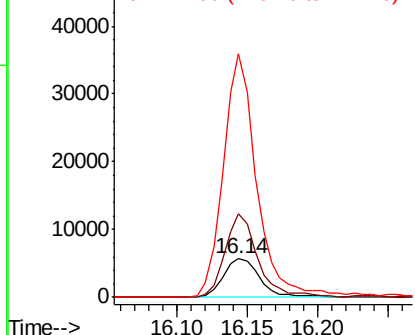
#66
4-Bromophenyl-phenylether
Concen: 3.091 ng
RT: 16.14 min Scan# 2188
Delta R.T. -0.46 min
Lab File: BG037183.D
Acq: 5 Oct 2018 10:37

Instrument :
BNA_G
ClientSampleId :
100218-JETT-E-U-B

Tot Ion:248 Resp: 10245
Ion Ratio Lower Upper
248 100
250 215.9 78.1 117.1#
141 632.8 53.7 80.5#

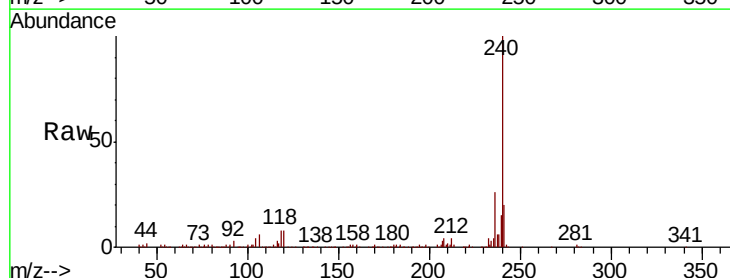


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

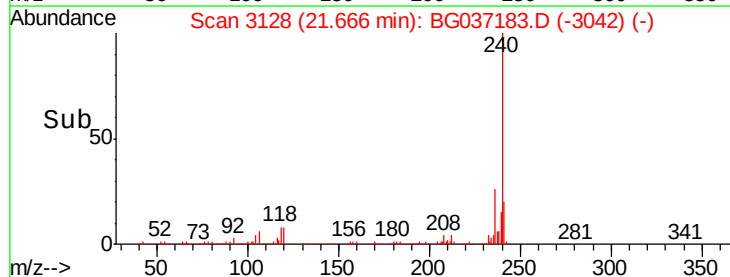
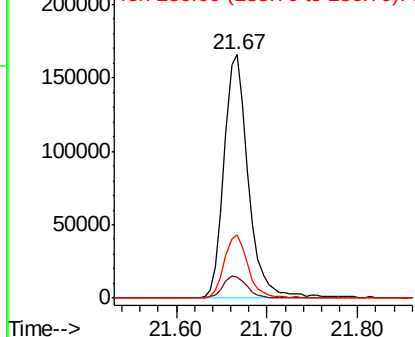


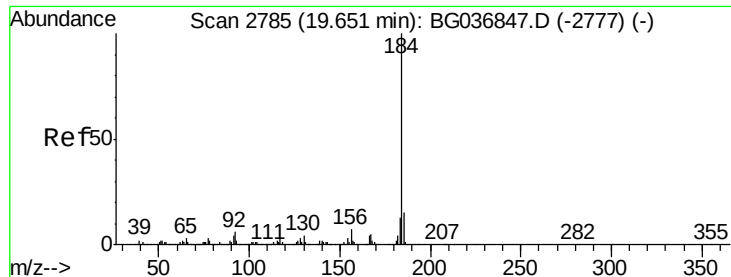
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3128
Delta R.T. -0.02 min
Lab File: BG037183.D
Acq: 5 Oct 2018 10:37

Tgt Ion:240 Resp: 308426
Ion Ratio Lower Upper
240 100
120 8.5 6.9 10.3
236 26.1 21.2 31.8



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





#76

Benzidine

Concen: 2.681 ng

RT: 20.01 min Scan# 2846

Delta R.T. 0.36 min

Lab File: BG037183.D

Acq: 5 Oct 2018 10:37

Instrument :

BNA_G

ClientSampleId :

100218-JETT-E-U-B

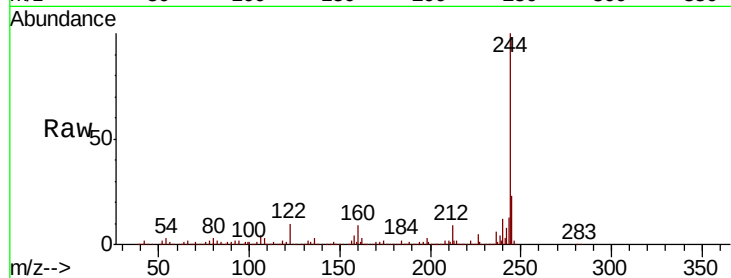
Tot Ion:184 Resp: 25000

Ion Ratio Lower Upper

184 100

185 17.1 12.6 18.8

183 7.9 10.9 16.3#

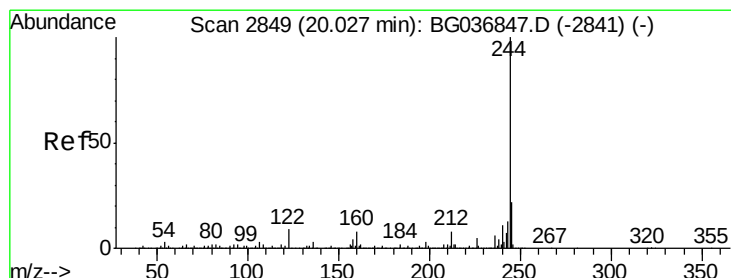
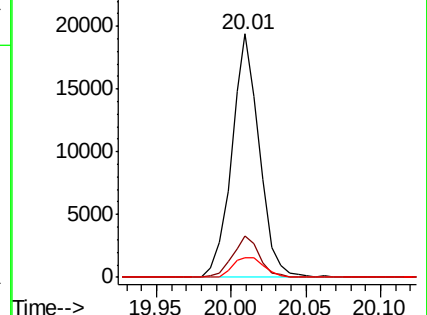
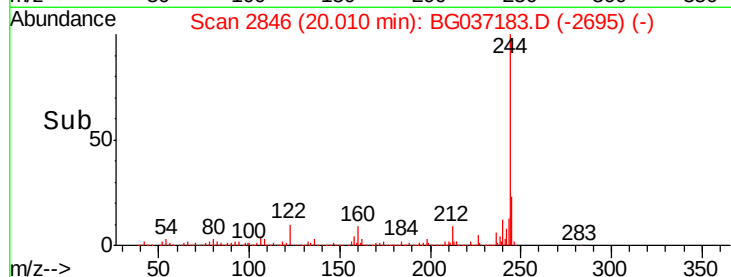


Abundance

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



#78

Terphenyl-d14

Concen: 114.712 ng

RT: 20.01 min Scan# 2846

Delta R.T. -0.02 min

Lab File: BG037183.D

Acq: 5 Oct 2018 10:37

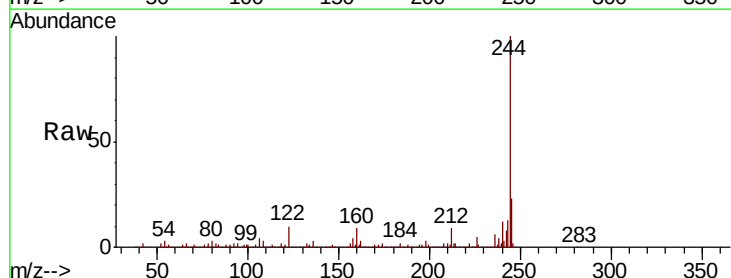
Tgt Ion:244 Resp: 1345509

Ion Ratio Lower Upper

244 100

212 8.9 7.0 10.6

122 10.0 7.1 10.7

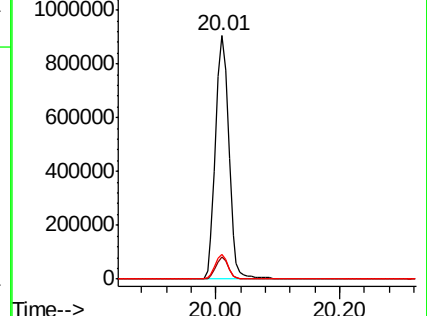
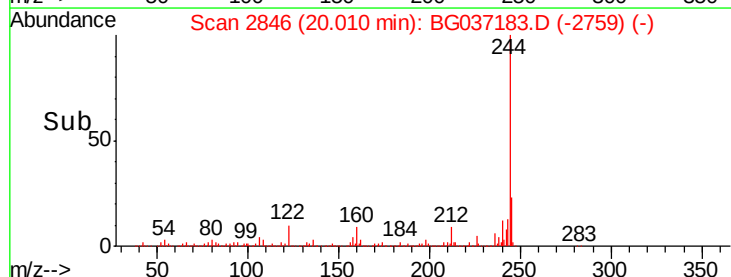


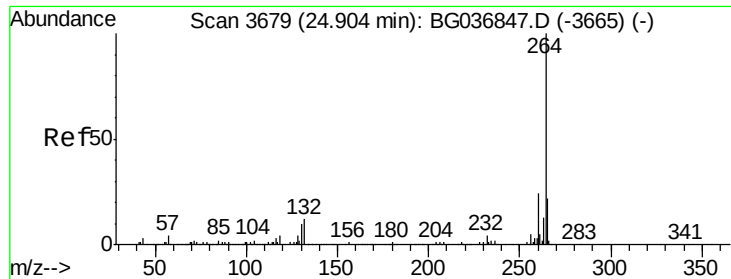
Abundance

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: 24.86 min Scan# 3671
 Delta R.T. -0.05 min
 Lab File: BG037183.D
 Acq: 5 Oct 2018 10:37

Instrument :
 BNA_G
 ClientSampleId :
 100218-JETT-E-U-B

Tot Ion:	264	Resp:	306485
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.6	29.4
265	22.3	17.4	26.0

