

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100518\
 Data File : BG037182.D
 Acq On : 5 Oct 2018 9:58
 Operator : JU/SJ
 Sample : J5241-14
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 100218-JETT-E-D-S

Quant Time: Oct 05 11:05:57 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

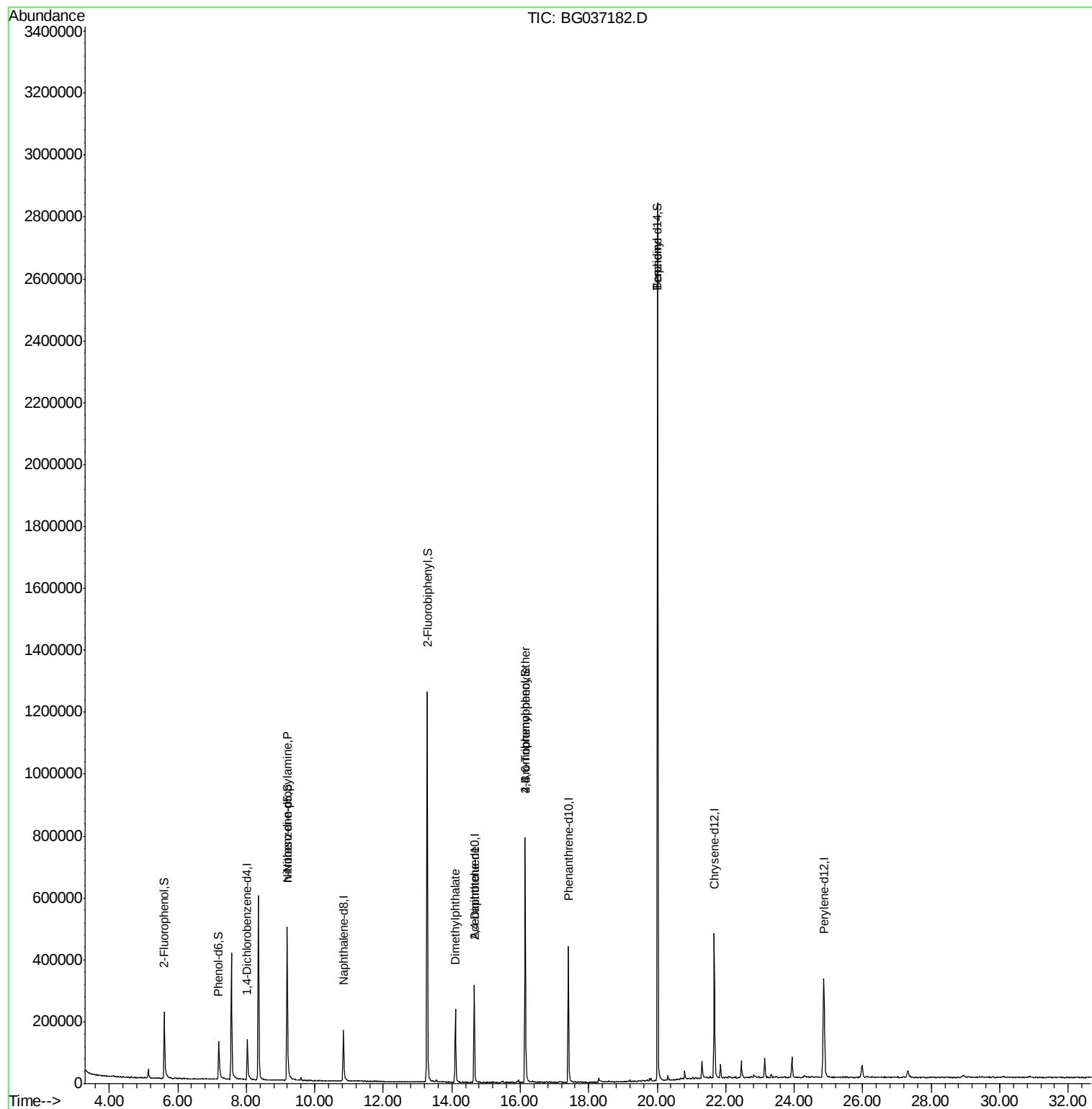
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	43114	20.00	ng	-0.02
21) Naphthalene-d8	10.84	136	175358	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	114729	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	301103	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	312445	20.00	ng	-0.02
86) Perylene-d12	24.86	264	314095	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	115600	51.42	ng	-0.01
7) Phenol-d6	7.19	99	96875	27.85	ng	-0.02
23) Nitrobenzene-d5	9.19	82	361241	110.32	ng	-0.02
41) 2,4,6-Tribromophenol	16.14	330	150354	109.53	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	728639	94.59	ng	-0.02
78) Terphenyl-d14	20.01	244	1360971	114.54	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	46973	16.234	ng	# 74
49) Dimethylphthalate	14.10	163	173973	18.839	ng	# 98
56) 2,4-Dinitrotoluene	14.66	165	14198	5.050	ng	# 21
66) 4-Bromophenyl-phenylether	16.14	248	10228	2.986	ng	# 1
76) Benzidine	20.01	184	25053	2.652	ng	# 96

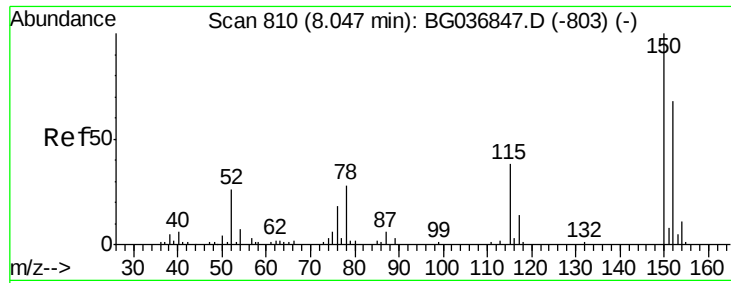
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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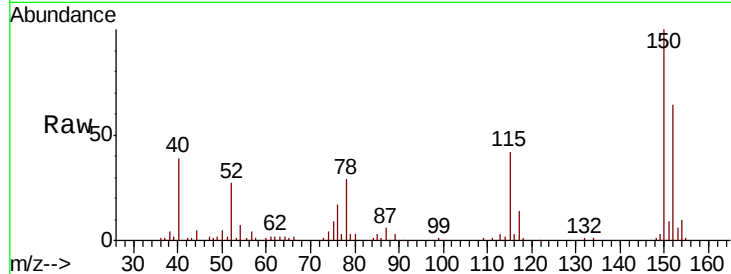


#1

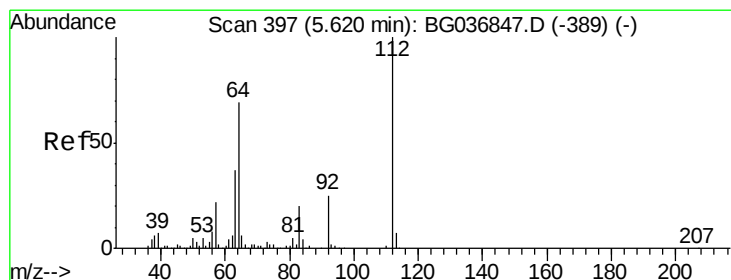
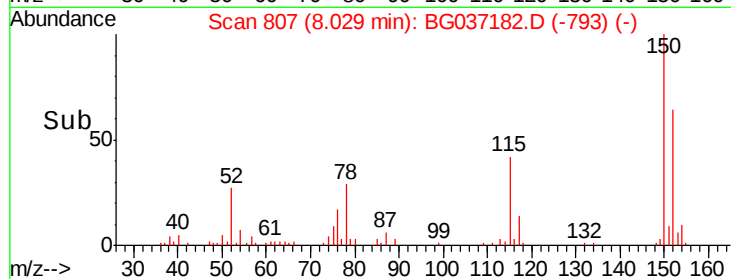
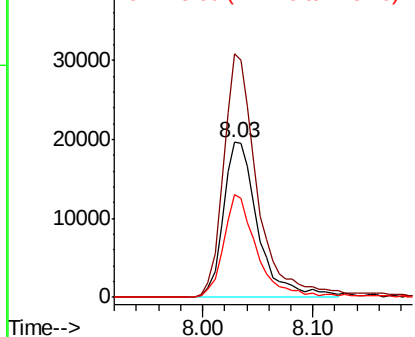
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.02 min
Lab File: BG037182.D
Acq: 5 Oct 2018 9:58

Instrument :
BNA_G
ClientSampleId :
100218-JETT-E-D-S

Tot Ion:152 Resp: 43114
Ion Ratio Lower Upper
152 100
150 156.9 119.5 179.3
115 65.9 44.5 66.7



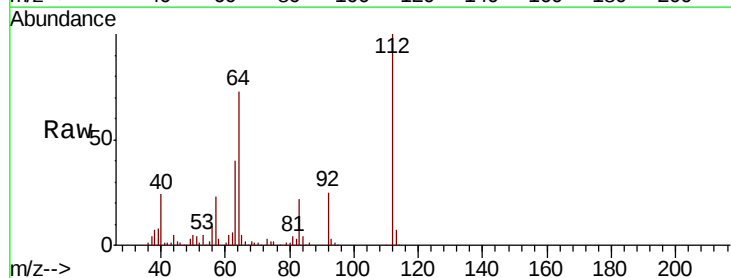
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



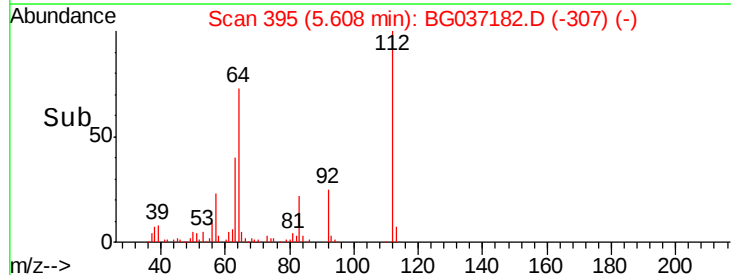
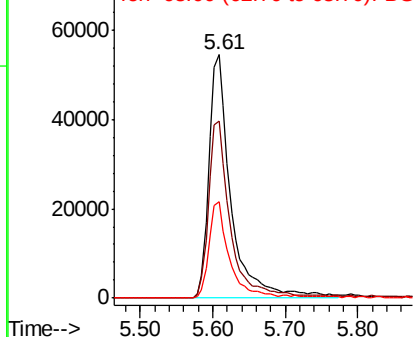
#5

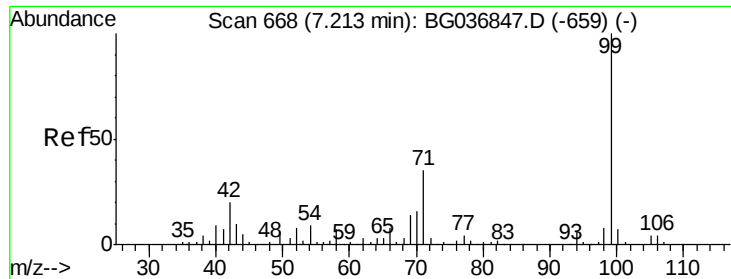
2-Fluorophenol
Concen: 51.421 ng
RT: 5.61 min Scan# 395
Delta R.T. -0.01 min
Lab File: BG037182.D
Acq: 5 Oct 2018 9:58

Tgt Ion:112 Resp: 115600
Ion Ratio Lower Upper
112 100
64 72.6 57.2 85.8
63 39.7 30.8 46.2



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





#7

Phenol-d6

Concen: 27.852 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.02 min

Lab File: BG037182.D

Acq: 5 Oct 2018 9:58

Instrument :

BNA_G

ClientSampleId :

100218-JETT-E-D-S

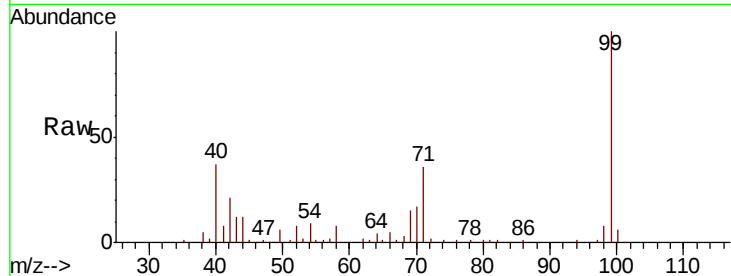
Tot Ion: 99 Resp: 96875

Ion Ratio Lower Upper

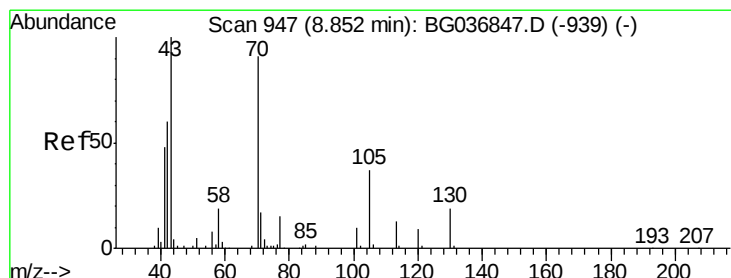
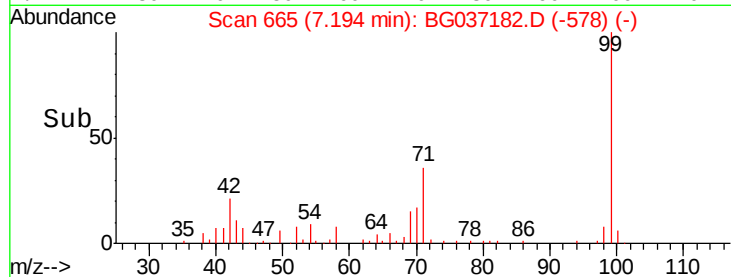
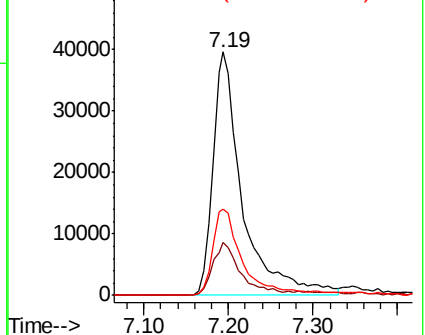
99 100

42 21.5 16.5 24.7

71 35.5 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: 16.234 ng

RT: 9.19 min Scan# 1005

Delta R.T. 0.34 min

Lab File: BG037182.D

Acq: 5 Oct 2018 9:58

Tgt Ion: 70 Resp: 46973

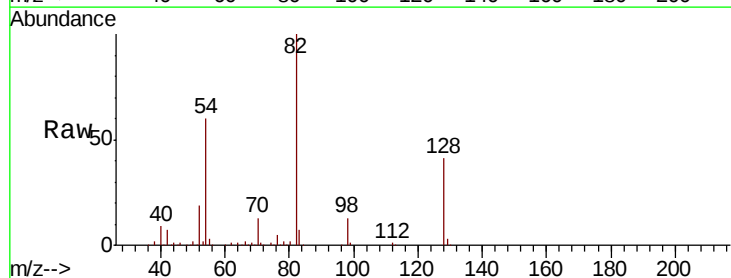
Ion Ratio Lower Upper

70 100

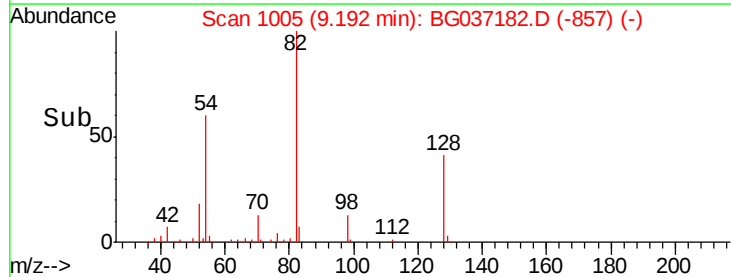
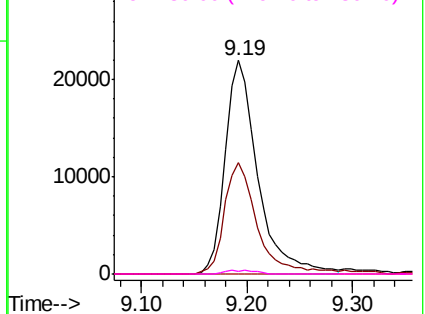
42 52.3 56.2 84.4#

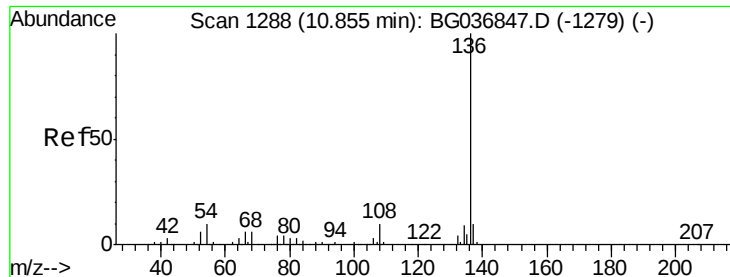
101 0.0 7.8 11.6#

130 1.0 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

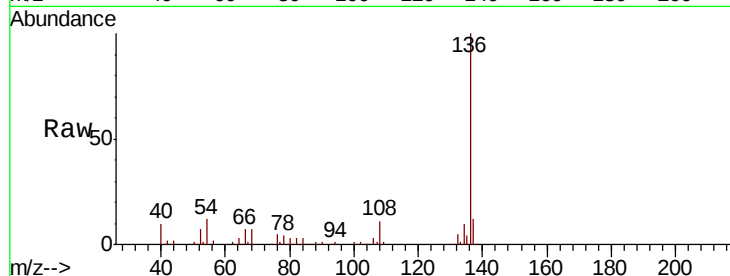




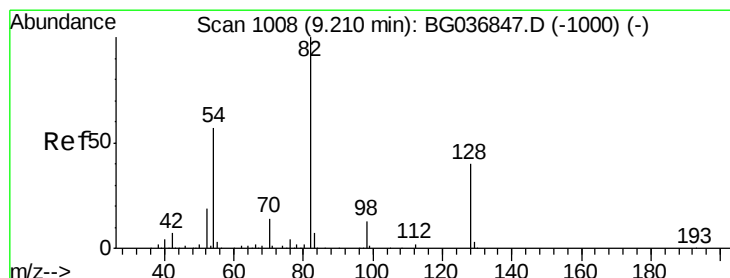
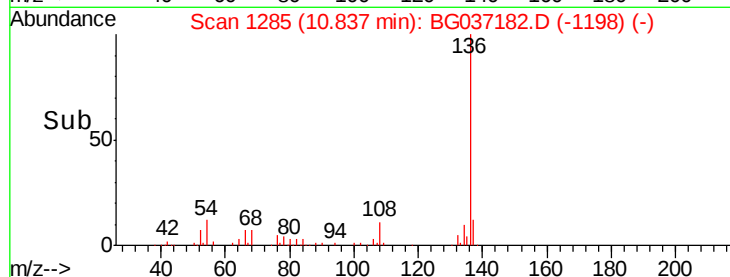
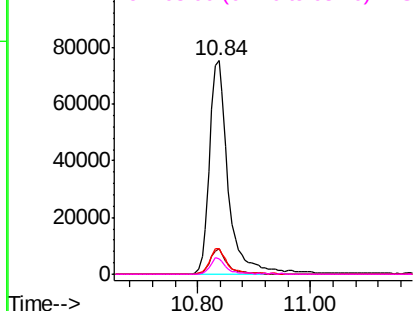
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BG037182.D
Acq: 5 Oct 2018 9:58

Instrument :
BNA_G
ClientSampleId :
100218-JETT-E-D-S

Tot Ion:136	Resp:	175358	
Ion Ratio	Lower	Upper	
136 100			
137 12.0	8.8	13.2	
54 11.8	9.2	13.8	
68 7.3	5.8	8.6	

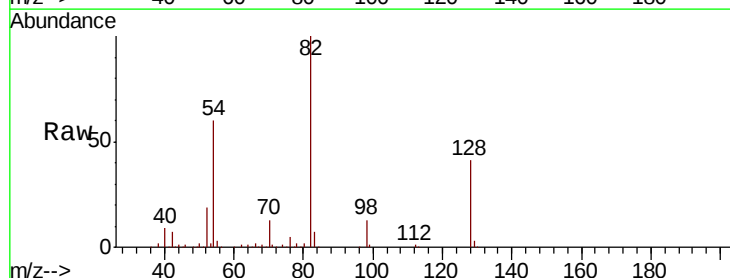


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

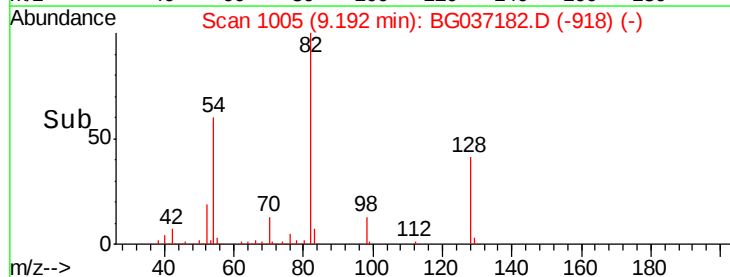
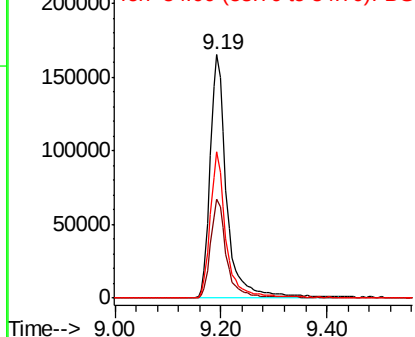


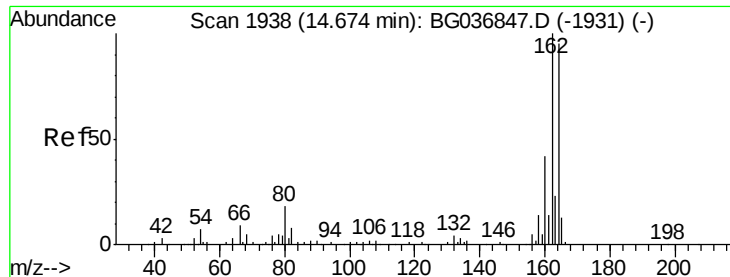
#23
Nitrobenzene-d5
Concen: 110.316 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BG037182.D
Acq: 5 Oct 2018 9:58

Tgt Ion: 82	Resp: 361241
Ion Ratio	Lower Upper
82 100	
128 40.6	33.3 49.9
54 60.1	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: BG037182.D

Acq: 5 Oct 2018 9:58

Instrument :

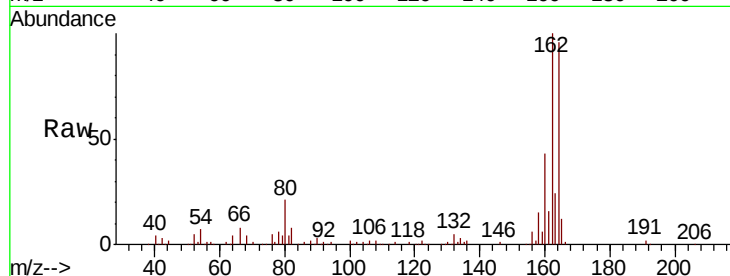
BNA_G

ClientSampleId :

100218-JETT-E-D-S

Tot Ion:164 Resp: 114729

Ion	Ratio	Lower	Upper
164	100		
162	104.1	80.7	121.1
160	45.3	35.3	52.9

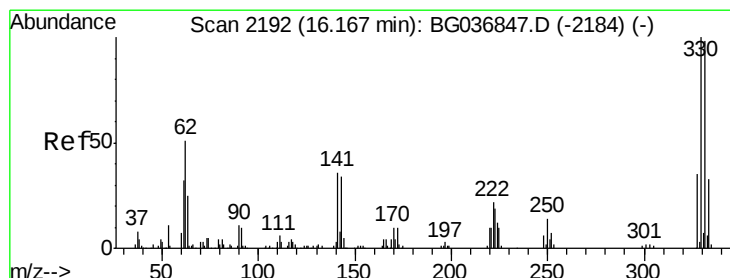
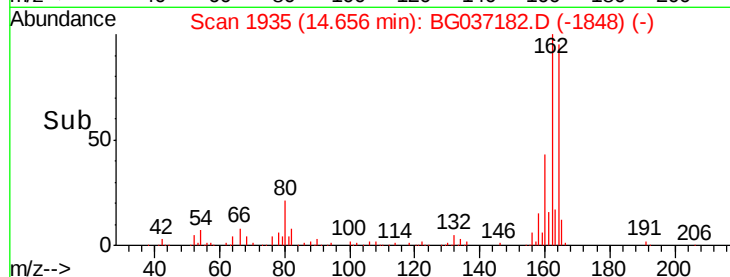
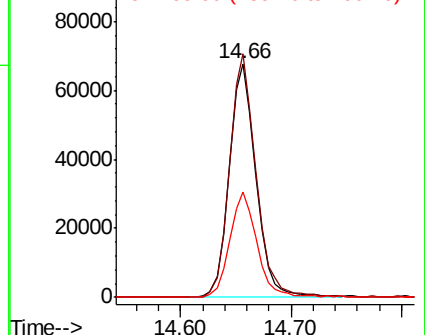


Abundance

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: 109.535 ng

RT: 16.14 min Scan# 2188

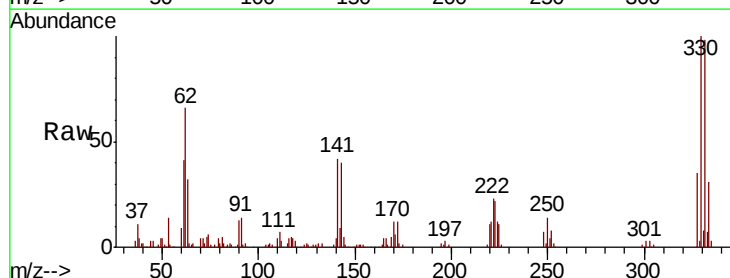
Delta R.T. -0.02 min

Lab File: BG037182.D

Acq: 5 Oct 2018 9:58

Tgt Ion:330 Resp: 150354

Ion	Ratio	Lower	Upper
330	100		
332	96.5	75.4	113.2
141	41.7	30.7	46.1

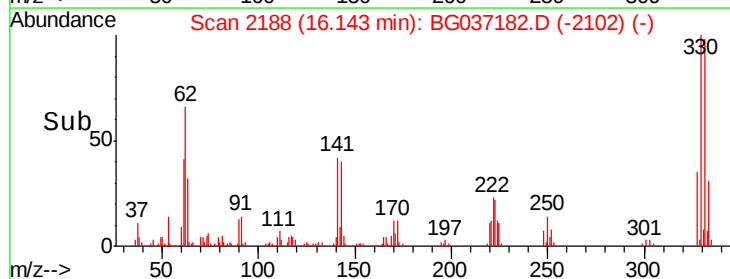
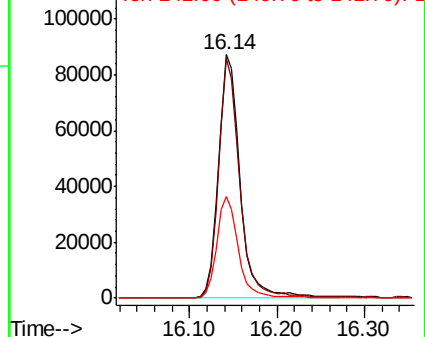


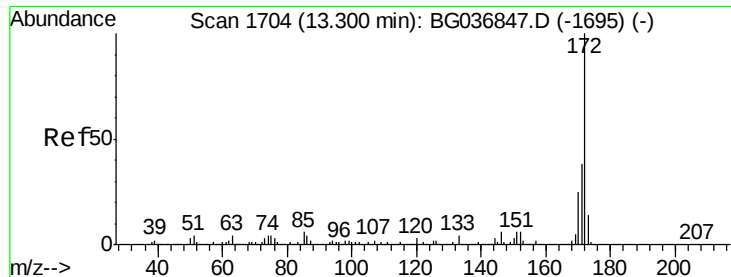
Abundance

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

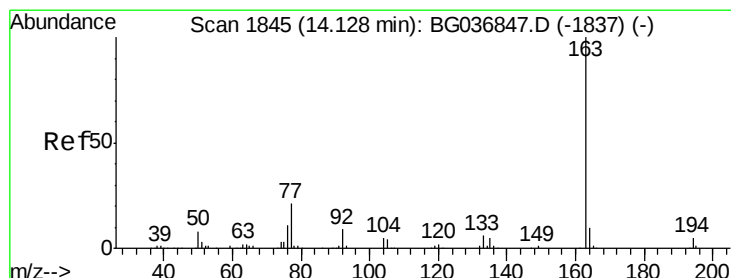
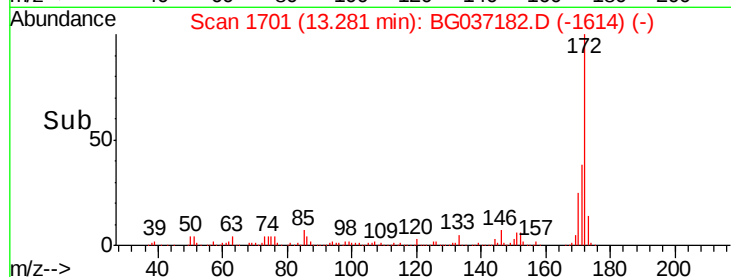
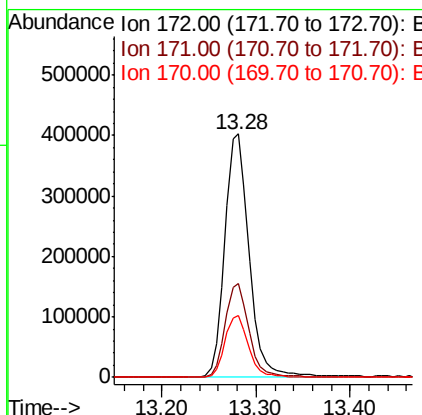
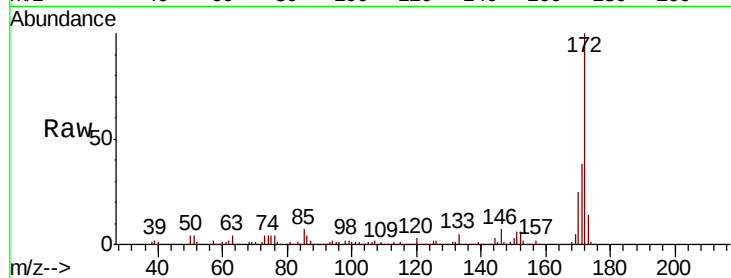




#44
2-Fluorobiphenyl
Concen: 94.591 ng
RT: 13.28 min Scan# 1701
Delta R.T. -0.02 min
Lab File: BG037182.D
Acq: 5 Oct 2018 9:58

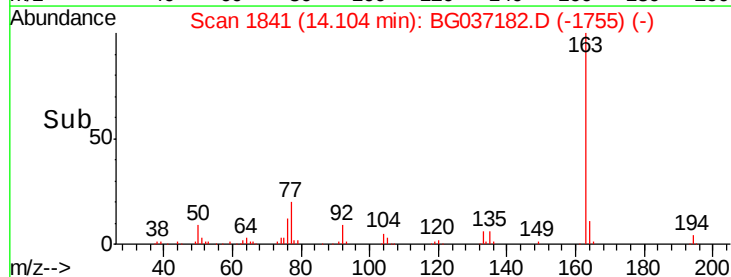
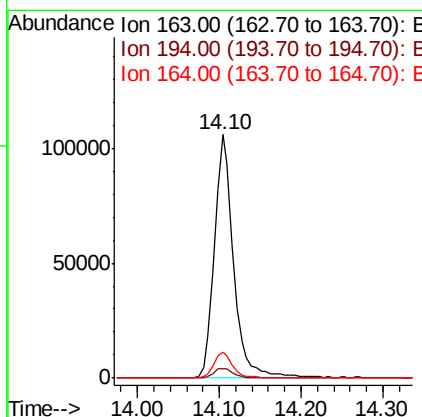
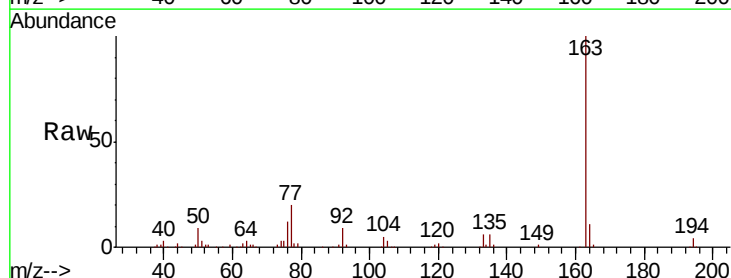
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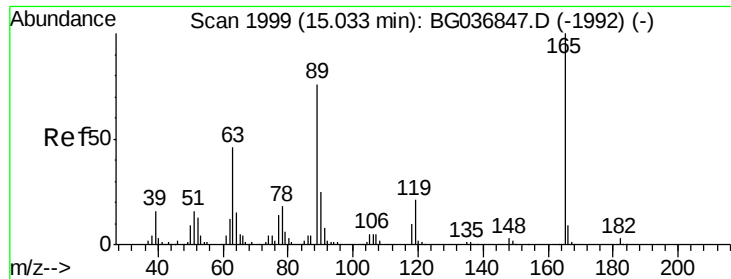
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.3	46.9
170	25.4	21.0	31.6



#49
Dimethylphthalate
Concen: 18.839 ng
RT: 14.10 min Scan# 1841
Delta R.T. -0.02 min
Lab File: BG037182.D
Acq: 5 Oct 2018 9:58

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	4.0	6.0#
164	10.7	8.1	12.1

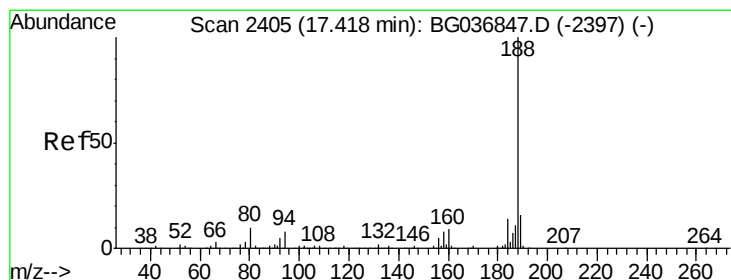
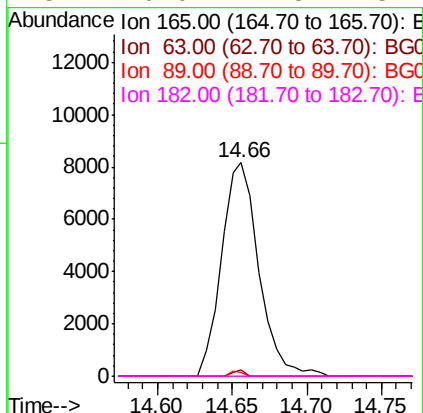
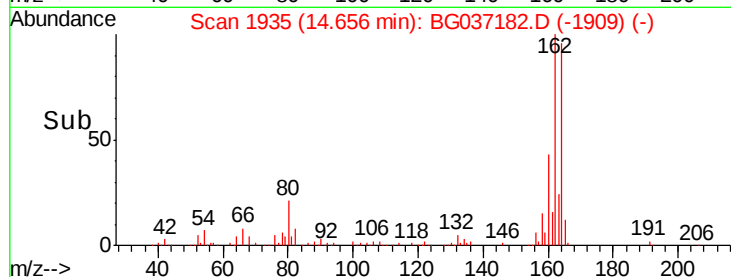
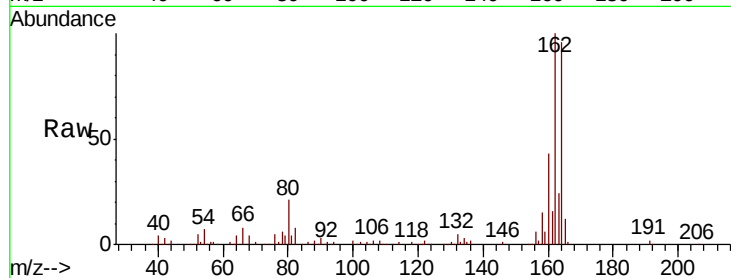




#56
2,4-Dinitrotoluene
Concen: 5.050 ng
RT: 14.66 min Scan# 1935
Delta R.T. -0.38 min
Lab File: BG037182.D
Acq: 5 Oct 2018 9:58

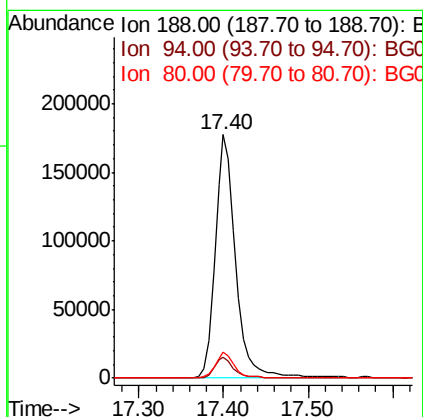
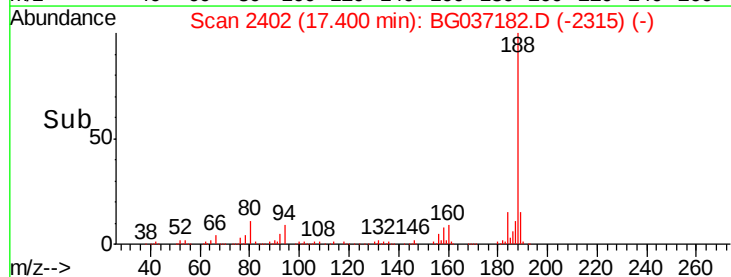
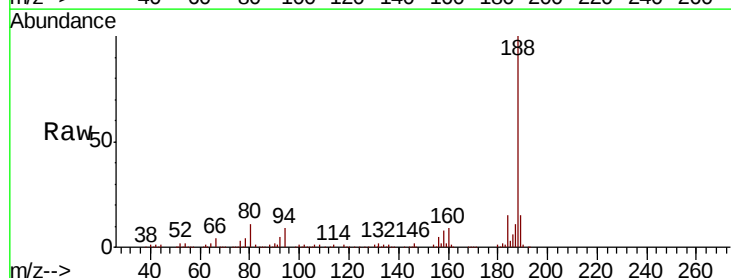
Instrument :
BNA_G
ClientSampleId :
100218-JETT-E-D-S

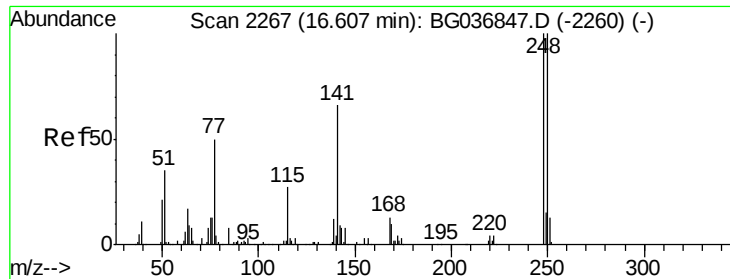
Tot Ion	Ratio	Lower	Upper
165	100		
63	3.1	40.1	60.1#
89	2.0	63.7	95.5#
182	0.0	2.5	3.7#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2402
Delta R.T. -0.02 min
Lab File: BG037182.D
Acq: 5 Oct 2018 9:58

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.7	10.1
80	10.8	8.1	12.1

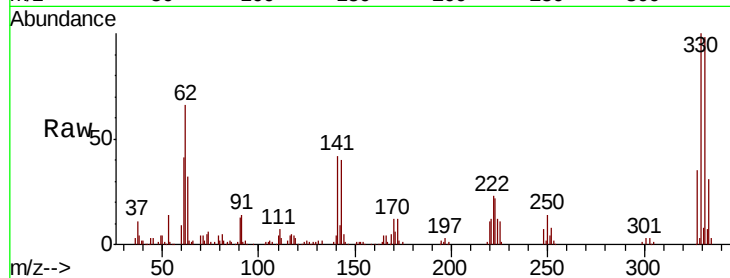




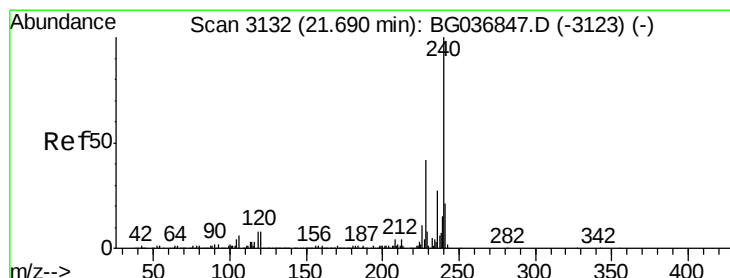
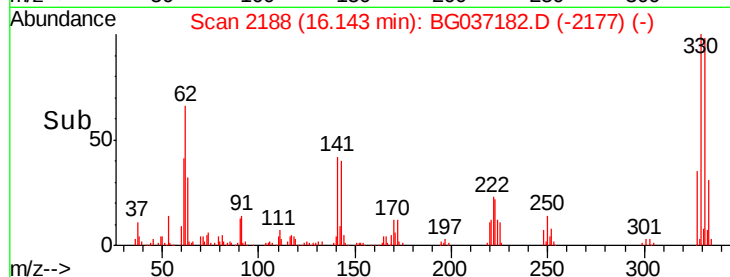
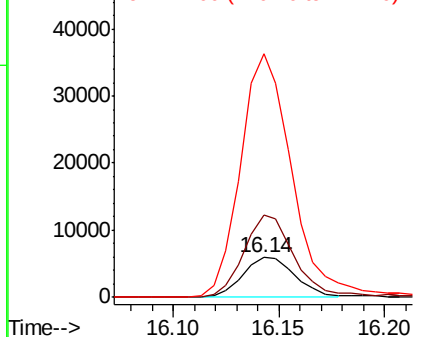
#66
 4-Bromophenyl-phenylether
 Concen: 2.986 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. -0.46 min
 Lab File: BG037182.D
 Acq: 5 Oct 2018 9:58

Instrument :
 BNA_G
 ClientSampleId :
 100218-JETT-E-D-S

Tot Ion:248 Resp: 10228
 Ion Ratio Lower Upper
 248 100
 250 207.1 78.1 117.1#
 141 613.5 53.7 80.5#

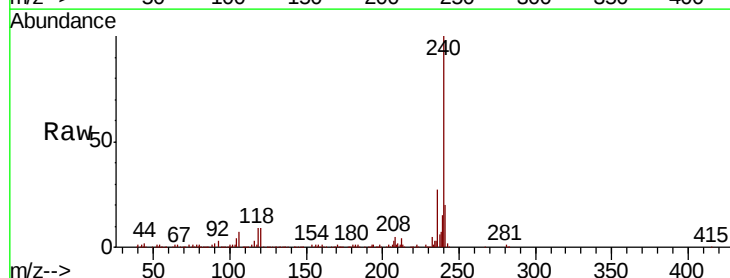


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

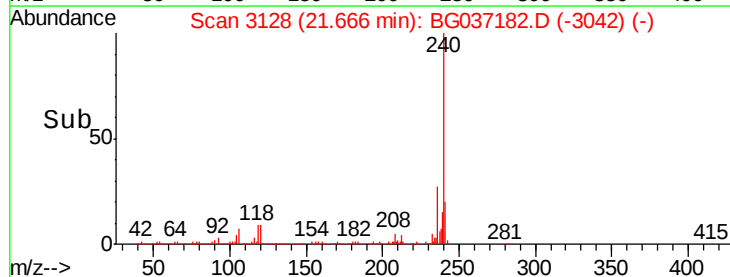
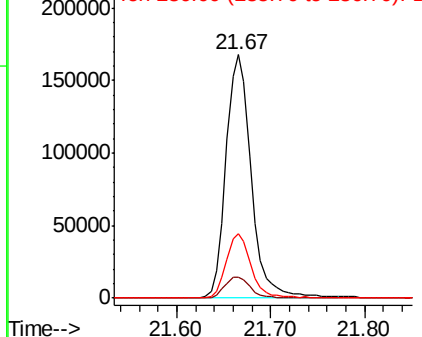


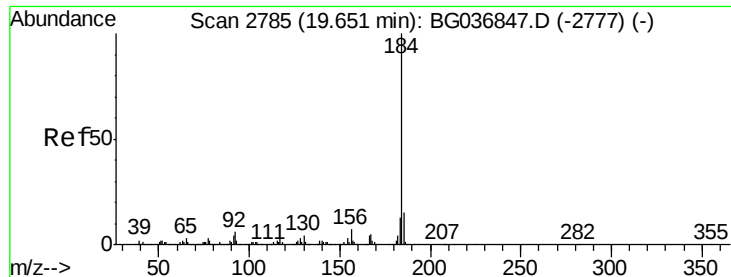
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.67 min Scan# 3128
 Delta R.T. -0.02 min
 Lab File: BG037182.D
 Acq: 5 Oct 2018 9:58

Tgt Ion:240 Resp: 312445
 Ion Ratio Lower Upper
 240 100
 120 8.7 6.9 10.3
 236 26.7 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: 2.652 ng

RT: 20.01 min Scan# 2846

Delta R.T. 0.36 min

Lab File: BG037182.D

Acq: 5 Oct 2018 9:58

Instrument :

BNA_G

ClientSampleId :

100218-JETT-E-D-S

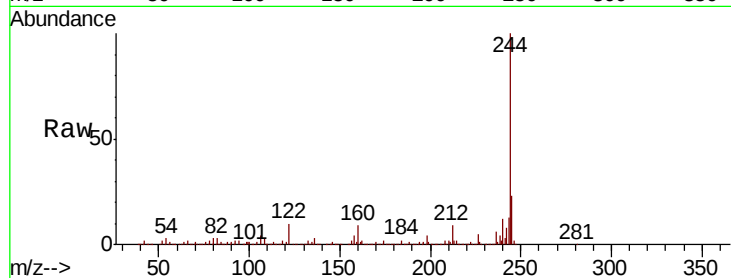
Tot Ion:184 Resp: 25053

Ion Ratio Lower Upper

184 100

185 15.6 12.6 18.8

183 10.1 10.9 16.3#

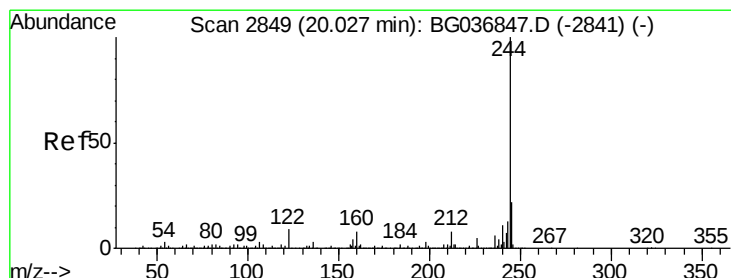
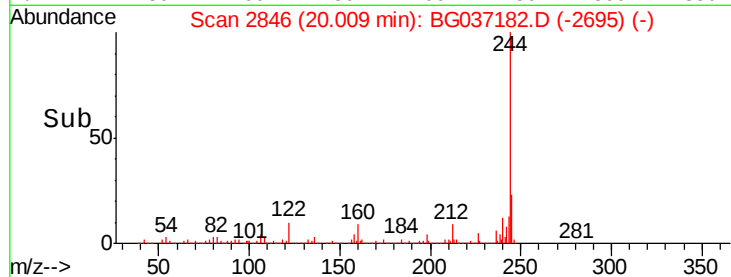
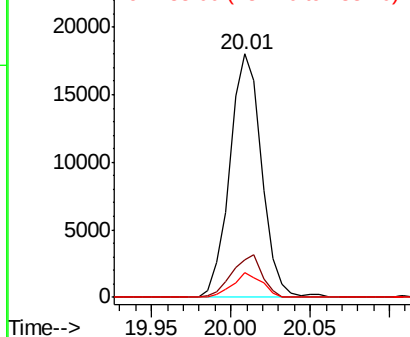


Abundance

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: 114.537 ng

RT: 20.01 min Scan# 2846

Delta R.T. -0.02 min

Lab File: BG037182.D

Acq: 5 Oct 2018 9:58

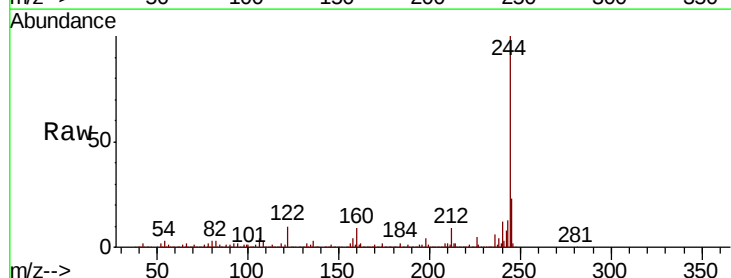
Tgt Ion:244 Resp: 1360971

Ion Ratio Lower Upper

244 100

212 9.2 7.0 10.6

122 10.3 7.1 10.7

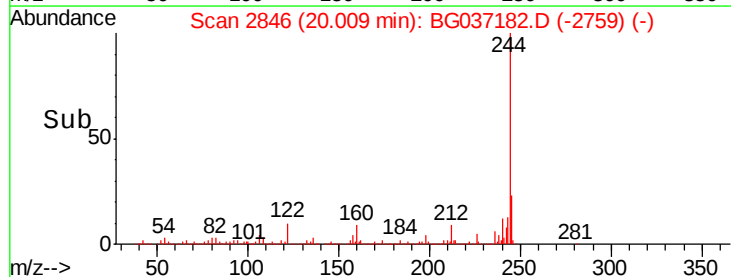
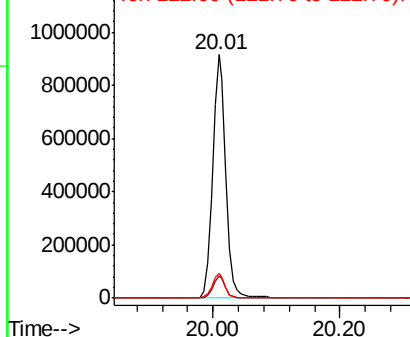


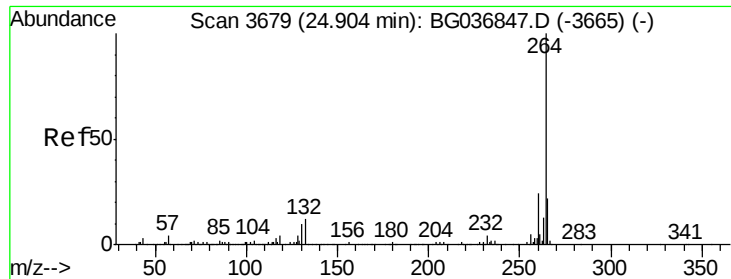
Abundance

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# 3672
 Delta R.T. -0.04 min
 Lab File: BG037182.D
 Acq: 5 Oct 2018 9:58

Instrument :
 BNA_G
 ClientSampleId :
 100218-JETT-E-D-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.6	29.4
265	21.7	17.4	26.0

