

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100118\
 Data File : BG037103.D
 Acq On : 2 Oct 2018 13:28
 Operator : JU/SJ
 Sample : J5206-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T-1

Quant Time: Oct 02 14:21:21 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

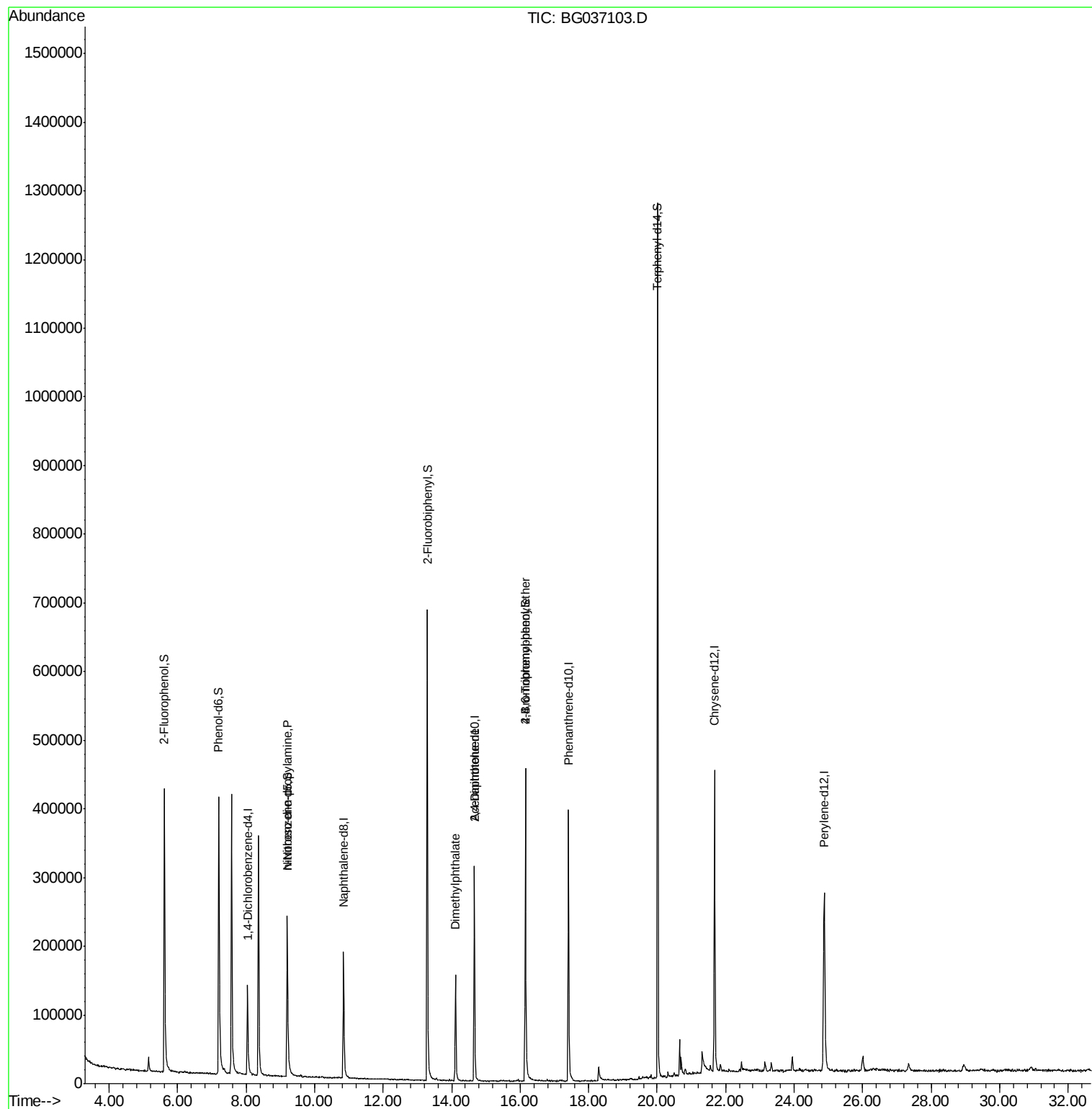
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	45604	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	194094	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	117563	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	284867	20.00	ng	0.00
75) Chrysene-d12	21.68	240	299134	20.00	ng	-0.01
86) Perylene-d12	24.88	264	299824	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	215459	90.61	ng	0.00
7) Phenol-d6	7.20	99	289974	78.82	ng	-0.01
23) Nitrobenzene-d5	9.20	82	193432	53.37	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	98413	69.97	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	423601	53.67	ng	-0.01
78) Terphenyl-d14	20.01	244	657753	57.82	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	26047	8.510	ng	# 72
49) Dimethylphthalate	14.11	163	129140	13.647	ng	# 99
56) 2,4-Dinitrotoluene	14.67	165	14172	4.919	ng	# 21
66) 4-Bromophenyl-phenylether	16.15	248	6652	2.053	ng	# 1

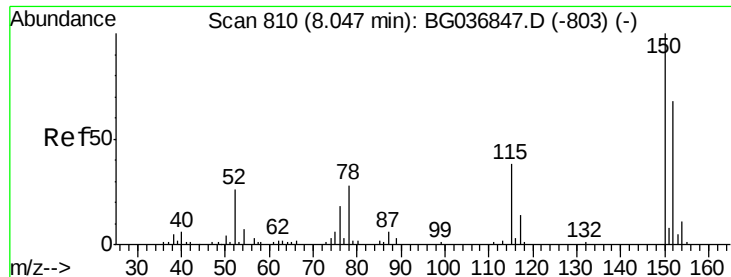
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Sep 24 10:41:23 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 809

Delta R.T. -0.00 min

Lab File: BG037103.D

Acq: 2 Oct 2018 13:28

Instrument :

BNA_G

ClientSampleId :

T-1

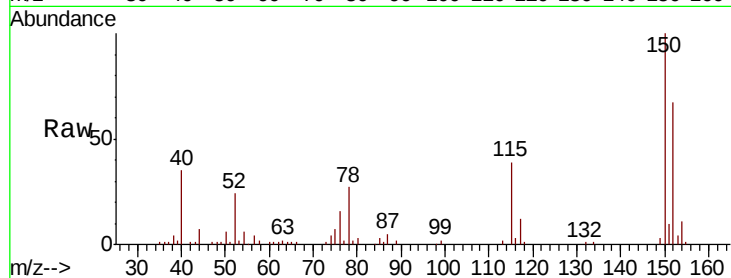
Tot Ion:152 Resp: 45604

Ion Ratio Lower Upper

152 100

150 148.4 119.5 179.3

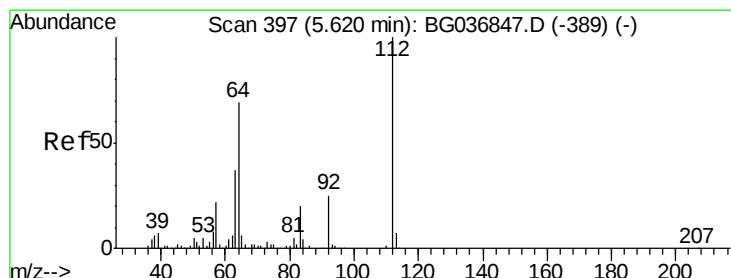
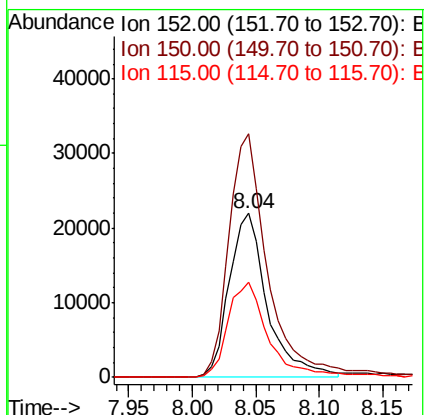
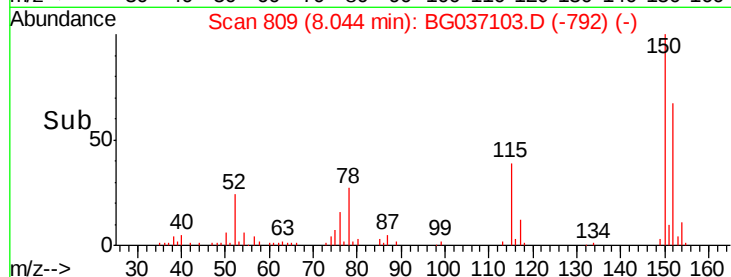
115 57.7 44.5 66.7



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: 90.607 ng

RT: 5.61 min Scan# 395

Delta R.T. -0.01 min

Lab File: BG037103.D

Acq: 2 Oct 2018 13:28

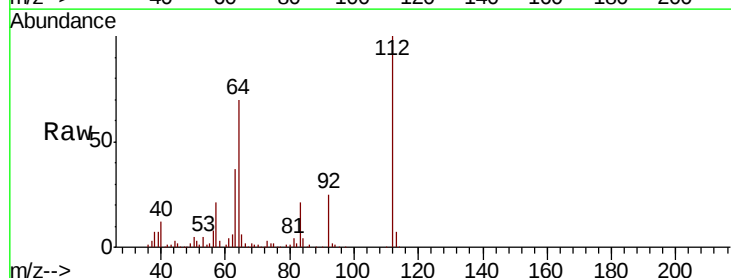
Tgt Ion:112 Resp: 215459

Ion Ratio Lower Upper

112 100

64 70.2 57.2 85.8

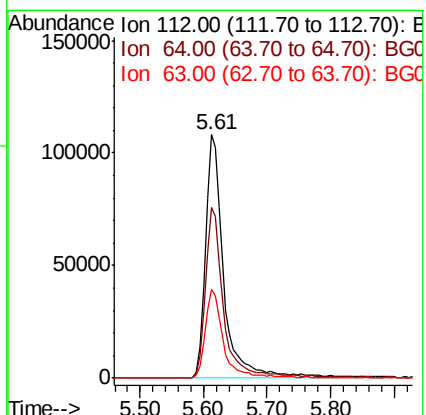
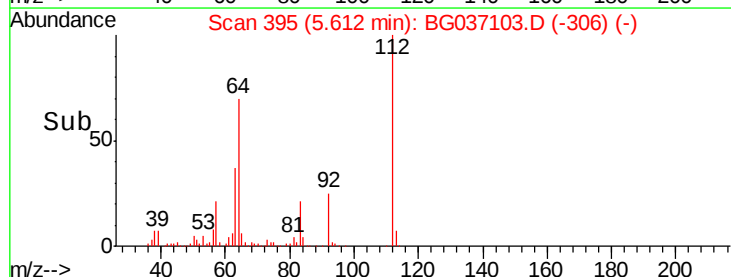
63 36.6 30.8 46.2

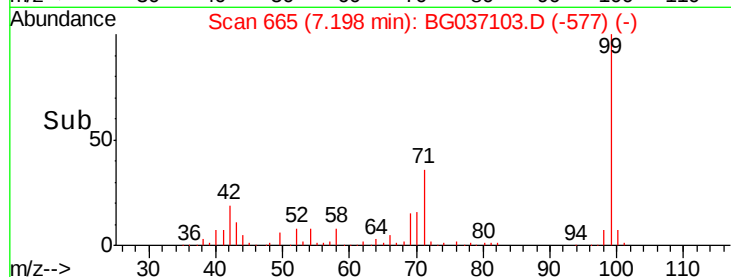
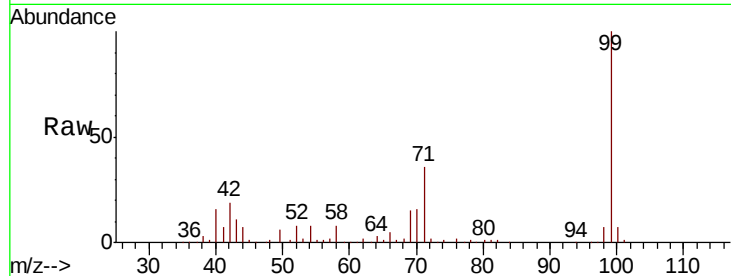


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

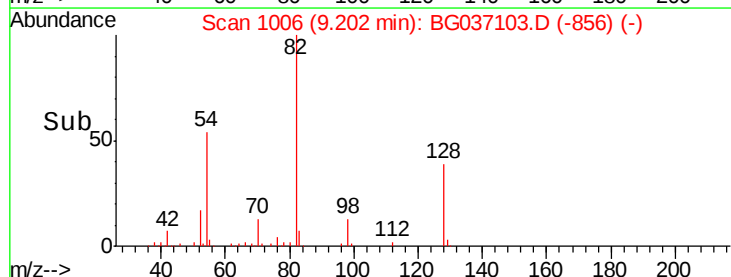
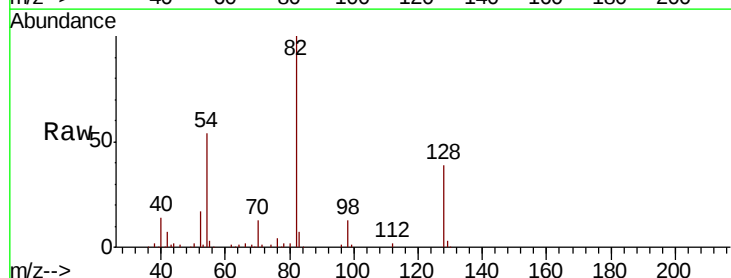
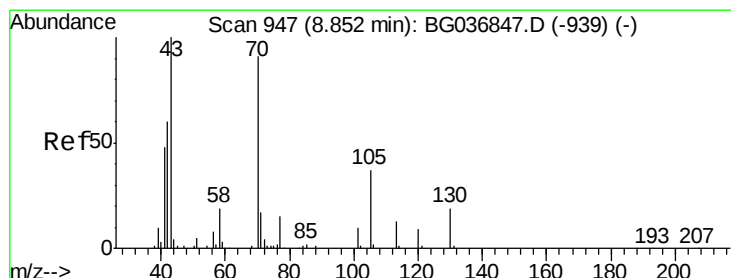
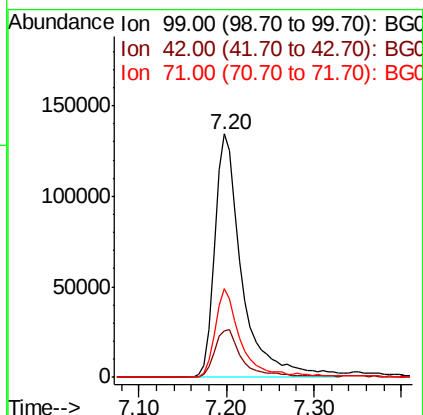




#7
Phenol-d6
Concen: 78.817 ng
RT: 7.20 min Scan# 665
Delta R.T. -0.01 min
Lab File: BG037103.D
Acq: 2 Oct 2018 13:28

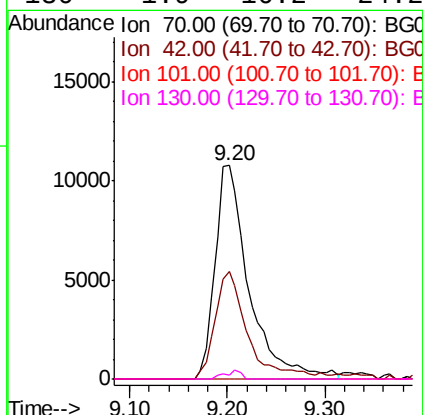
Instrument :
BNA_G
ClientSampleId :
T-1

Tot Ion	Ratio	Lower	Upper
99	100		
42	19.2	16.5	24.7
71	36.3	29.4	44.2



#19
n-Nitroso-di-n-propylamine
Concen: 8.510 ng
RT: 9.20 min Scan# 1006
Delta R.T. 0.35 min
Lab File: BG037103.D
Acq: 2 Oct 2018 13:28

Tgt Ion	Ratio	Lower	Upper
70	100		
42	50.3	56.2	84.4#
101	0.0	7.8	11.6#
130	1.9	16.2	24.2#

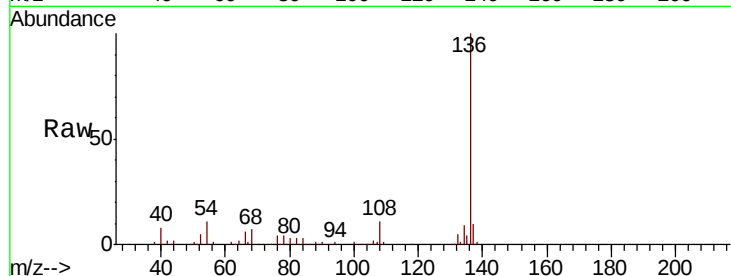




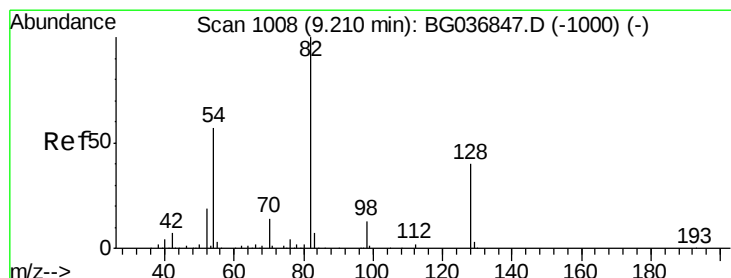
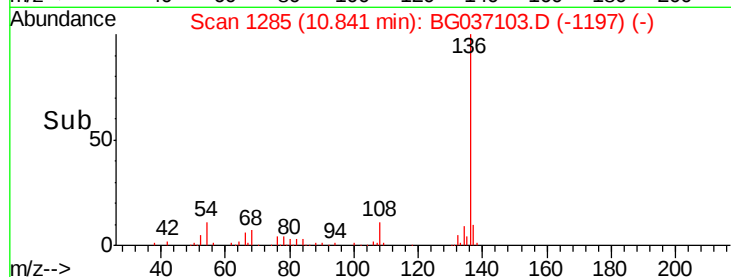
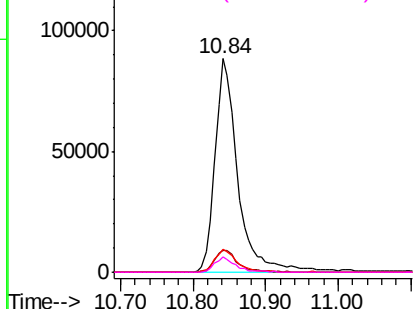
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BG037103.D
Acq: 2 Oct 2018 13:28

Instrument :
BNA_G
ClientSampleId :
T-1

Tot Ion:136	Resp:	194094
Ion	Ratio	Lower Upper
136	100	
137	10.3	8.8 13.2
54	10.5	9.2 13.8
68	7.4	5.8 8.6

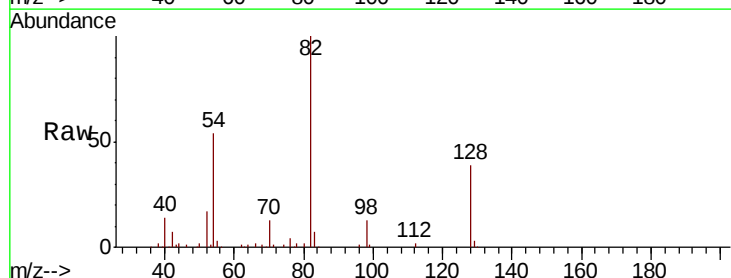


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

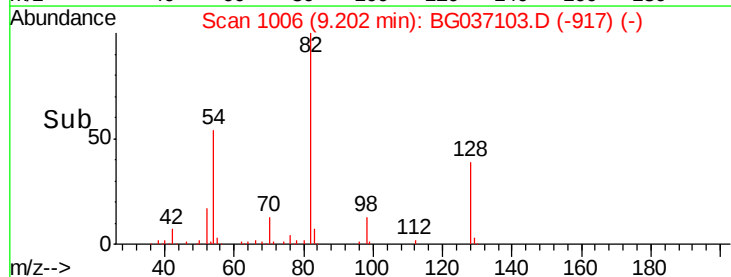
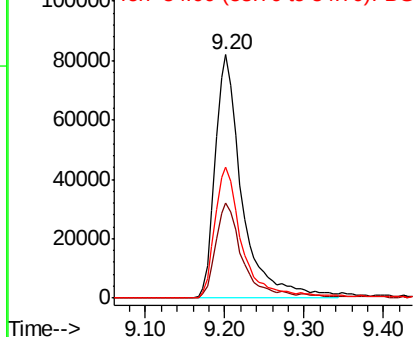


#23
Nitrobenzene-d5
Concen: 53.368 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG037103.D
Acq: 2 Oct 2018 13:28

Tgt Ion: 82	Resp:	193432
Ion	Ratio	Lower Upper
82	100	
128	39.2	33.3 49.9
54	53.9	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: 14.67 min Scan# 1936

Delta R.T. -0.01 min

Lab File: BG037103.D

Acq: 2 Oct 2018 13:28

Instrument :

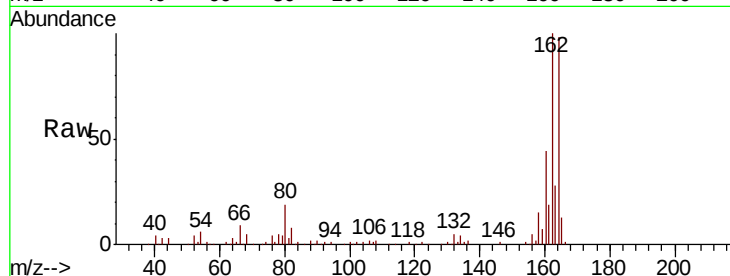
BNA_G

ClientSampleId :

T-1

Tot Ion:164 Resp: 117563

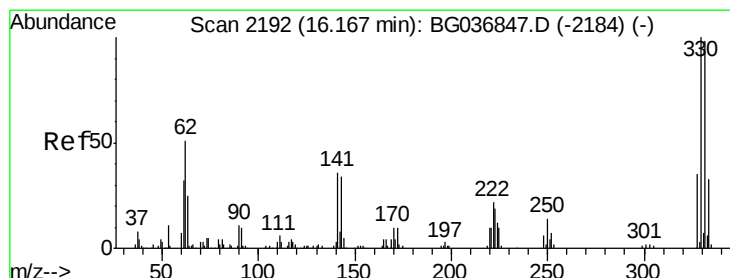
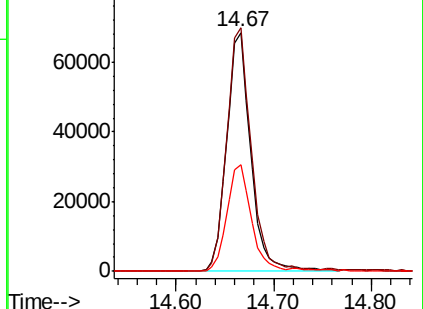
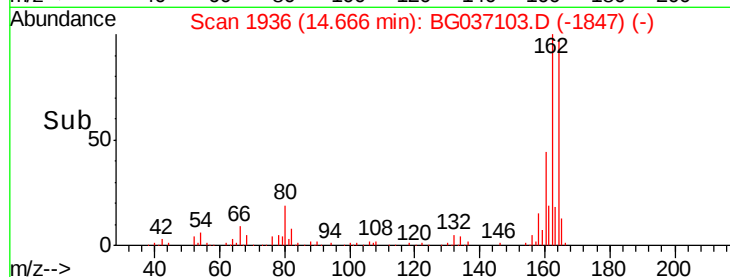
Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.7	121.1
160	44.4	35.3	52.9



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: 69.967 ng

RT: 16.15 min Scan# 2189

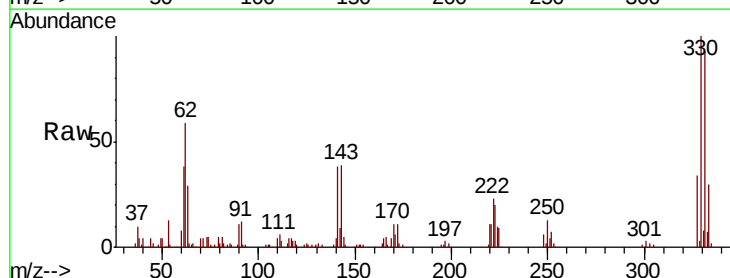
Delta R.T. -0.01 min

Lab File: BG037103.D

Acq: 2 Oct 2018 13:28

Tgt Ion:330 Resp: 98413

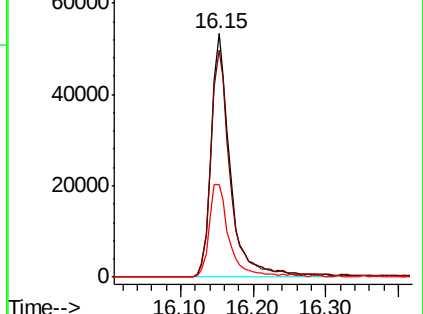
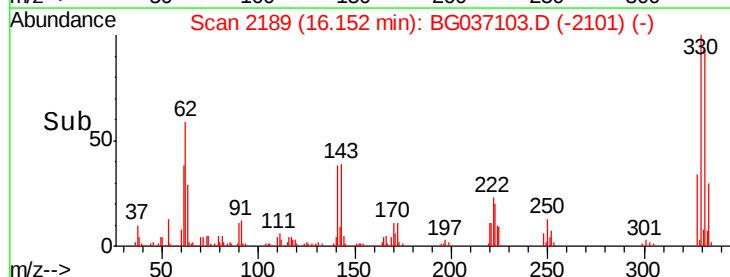
Ion	Ratio	Lower	Upper
330	100		
332	95.8	75.4	113.2
141	39.5	30.7	46.1



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

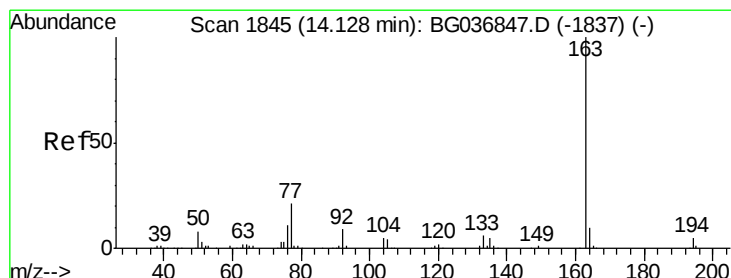
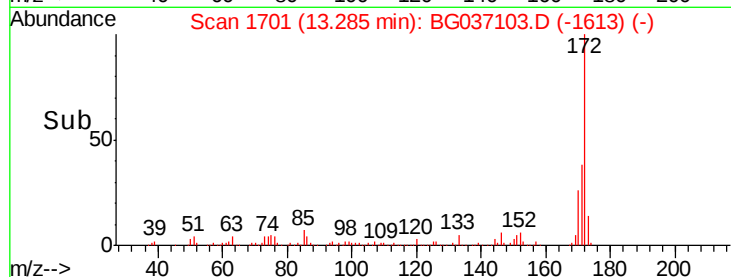
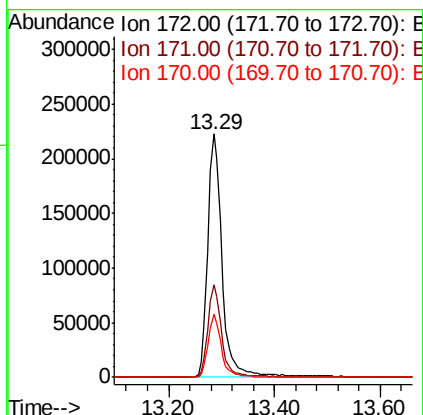
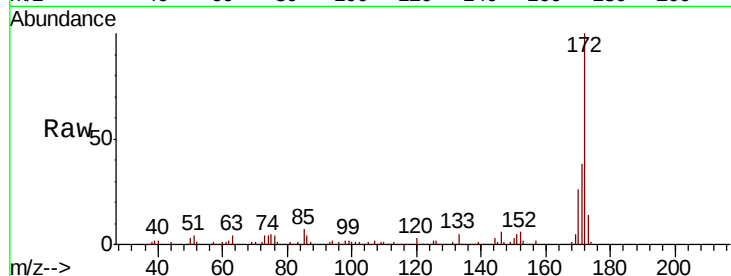




#44
2-Fluorobiphenyl
Concen: 53.665 ng
RT: 13.29 min Scan# 1701
Delta R.T. -0.01 min
Lab File: BG037103.D
Acq: 2 Oct 2018 13:28

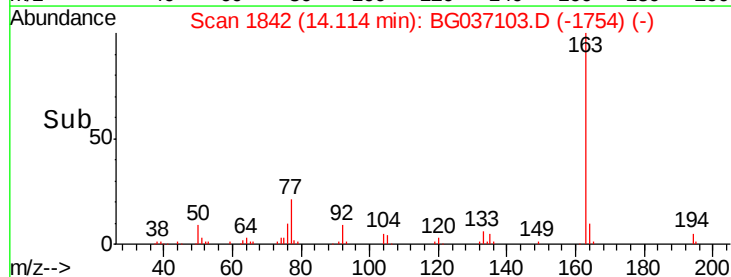
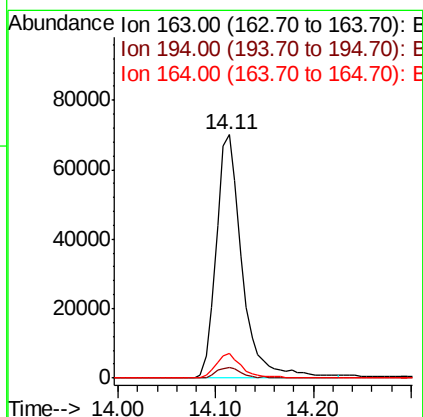
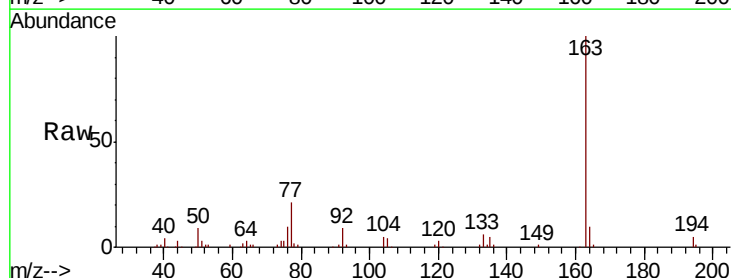
Instrument :
BNA_G
ClientSampleId :
T-1

Tot Ion:172 Resp: 423601
Ion Ratio Lower Upper
172 100
171 38.2 31.3 46.9
170 26.1 21.0 31.6



#49
Dimethylphthalate
Concen: 13.647 ng
RT: 14.11 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BG037103.D
Acq: 2 Oct 2018 13:28

Tgt Ion:163 Resp: 129140
Ion Ratio Lower Upper
163 100
194 4.6 4.0 6.0
164 10.4 8.1 12.1

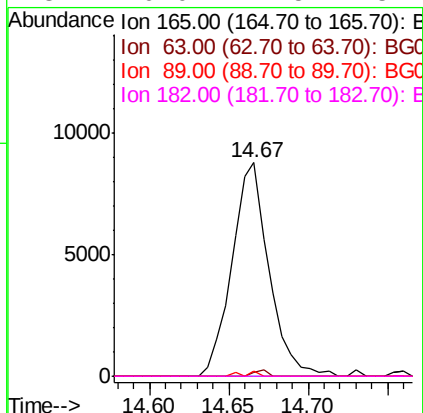
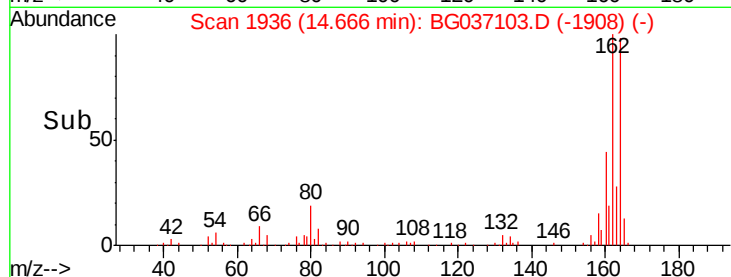
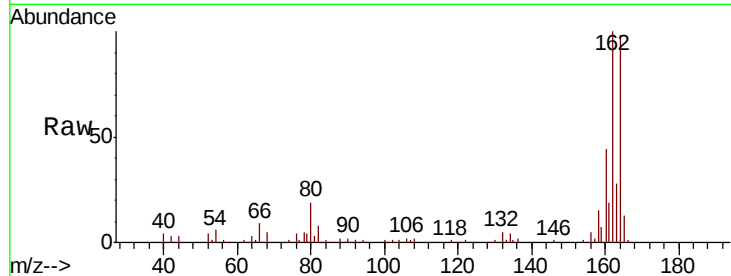




#56
 2,4-Dinitrotoluene
 Concen: 4.919 ng
 RT: 14.67 min Scan# 1936
 Delta R.T. -0.37 min
 Lab File: BG037103.D
 Acq: 2 Oct 2018 13:28

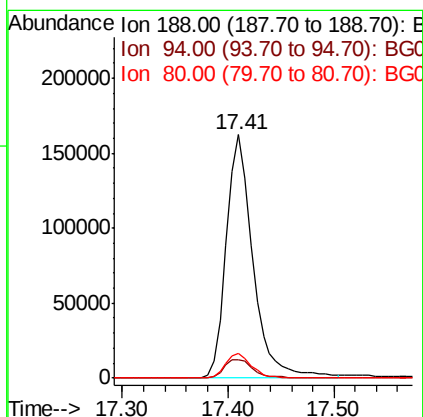
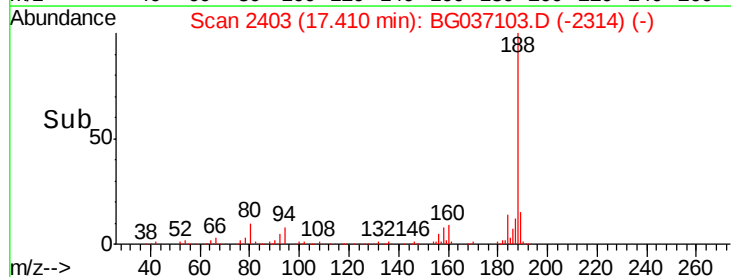
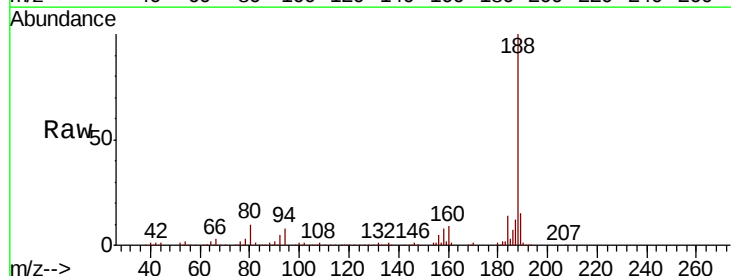
Instrument :
 BNA_G
 ClientSampled :
 T-1

Tot Ion:165	Resp:	14172
Ion Ratio	Lower	Upper
165 100		
63 2.1	40.1	60.1#
89 2.2	63.7	95.5#
182 0.0	2.5	3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2403
 Delta R.T. -0.01 min
 Lab File: BG037103.D
 Acq: 2 Oct 2018 13:28

Tgt Ion	188	Resp: Lower	284867
Ion	Ratio	Upper	
188	100		
94	7.6	6.7	10.1
80	9.9	8.1	12.1

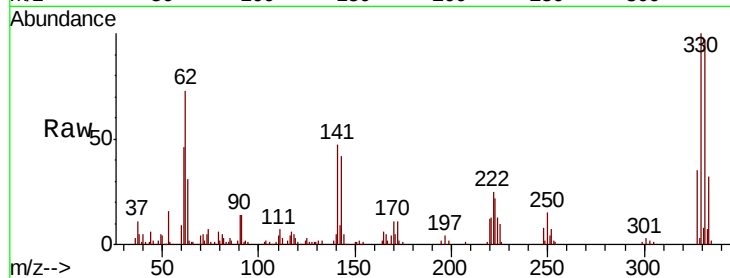




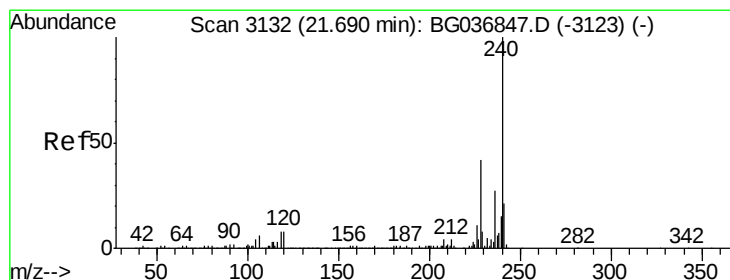
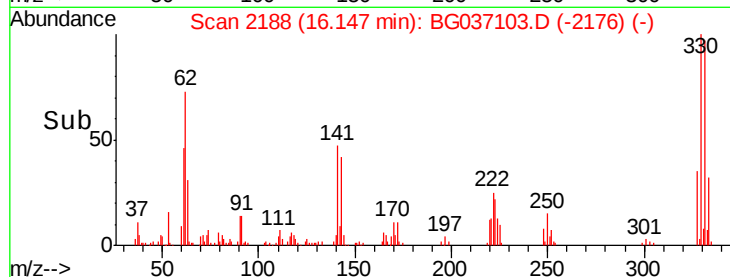
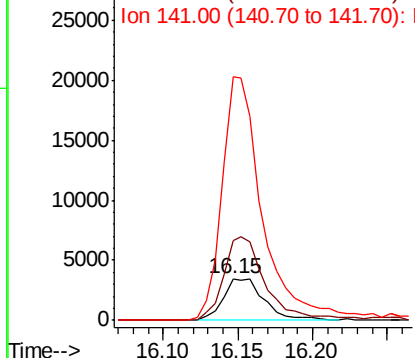
#66
4-Bromophenyl-phenylether
Concen: 2.053 ng
RT: 16.15 min Scan# 2188
Delta R.T. -0.46 min
Lab File: BG037103.D
Acq: 2 Oct 2018 13:28

Instrument :
BNA_G
ClientSampled :
T-1

Tot Ion:248 Resp: 6652
Ion Ratio Lower Upper
248 100
250 191.4 78.1 117.1#
141 584.9 53.7 80.5#

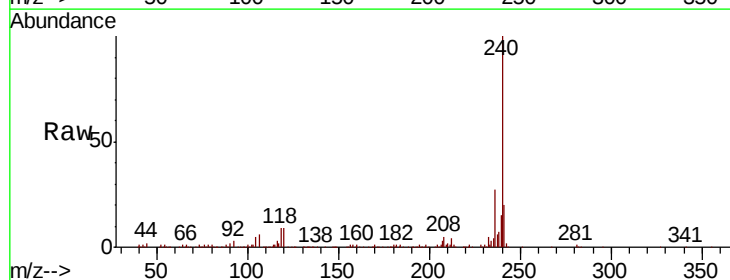


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

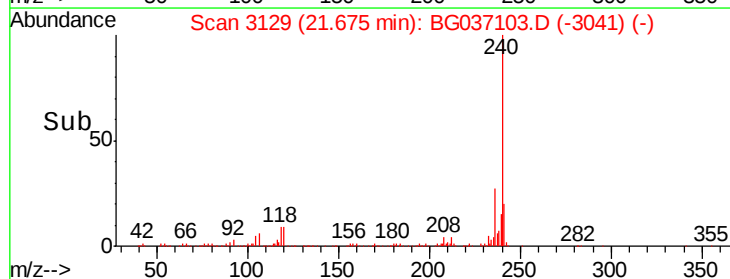
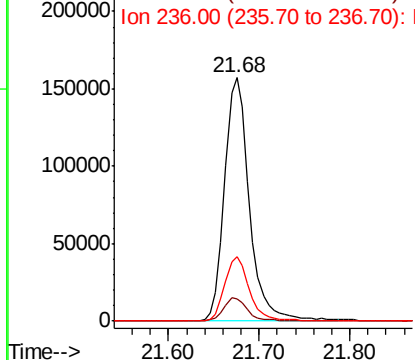


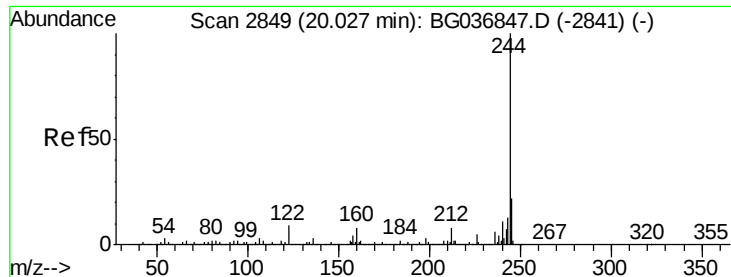
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3129
Delta R.T. -0.01 min
Lab File: BG037103.D
Acq: 2 Oct 2018 13:28

Tgt Ion:240 Resp: 299134
Ion Ratio Lower Upper
240 100
120 9.3 6.9 10.3
236 26.6 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





#78

Terphenyl-d14

Concen: 57.819 ng

RT: 20.01 min Scan# 2846

Delta R.T. -0.01 min

Lab File: BG037103.D

Acq: 2 Oct 2018 13:28

Instrument :

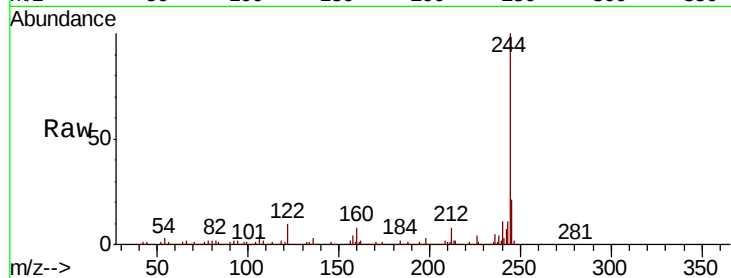
BNA_G

ClientSampleId :

T-1

Tot Ion:244 Resp: 657753

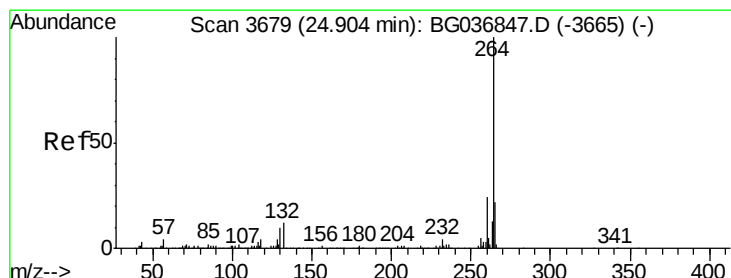
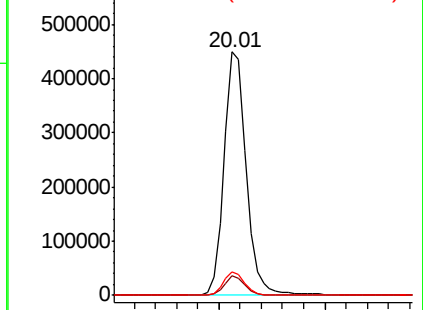
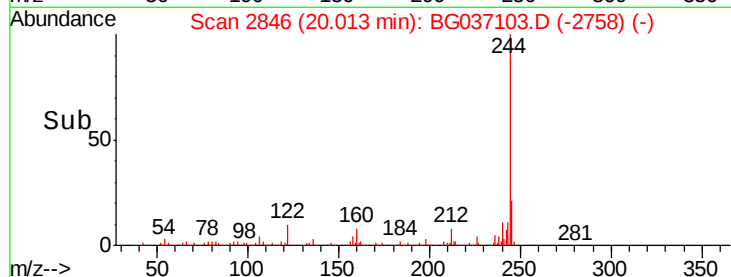
Ion	Ratio	Lower	Upper
244	100		
212	7.9	7.0	10.6
122	9.6	7.1	10.7



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

Perylene-d12

Concen: 20.000 ng

RT: 24.88 min Scan# 3674

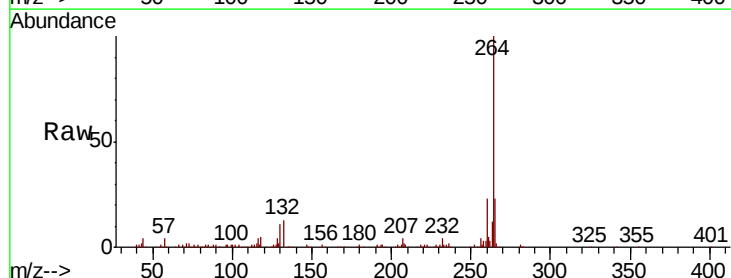
Delta R.T. -0.03 min

Lab File: BG037103.D

Acq: 2 Oct 2018 13:28

Tgt Ion:264 Resp: 299824

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.6	29.4
265	23.2	17.4	26.0



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

