

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060718\
 Data File : BG034964.D
 Acq On : 7 Jun 2018 22:37
 Operator : SJ/JU
 Sample : J3344-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 08 04:33:45 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 07 13:13:20 2018
 Response via : Initial Calibration

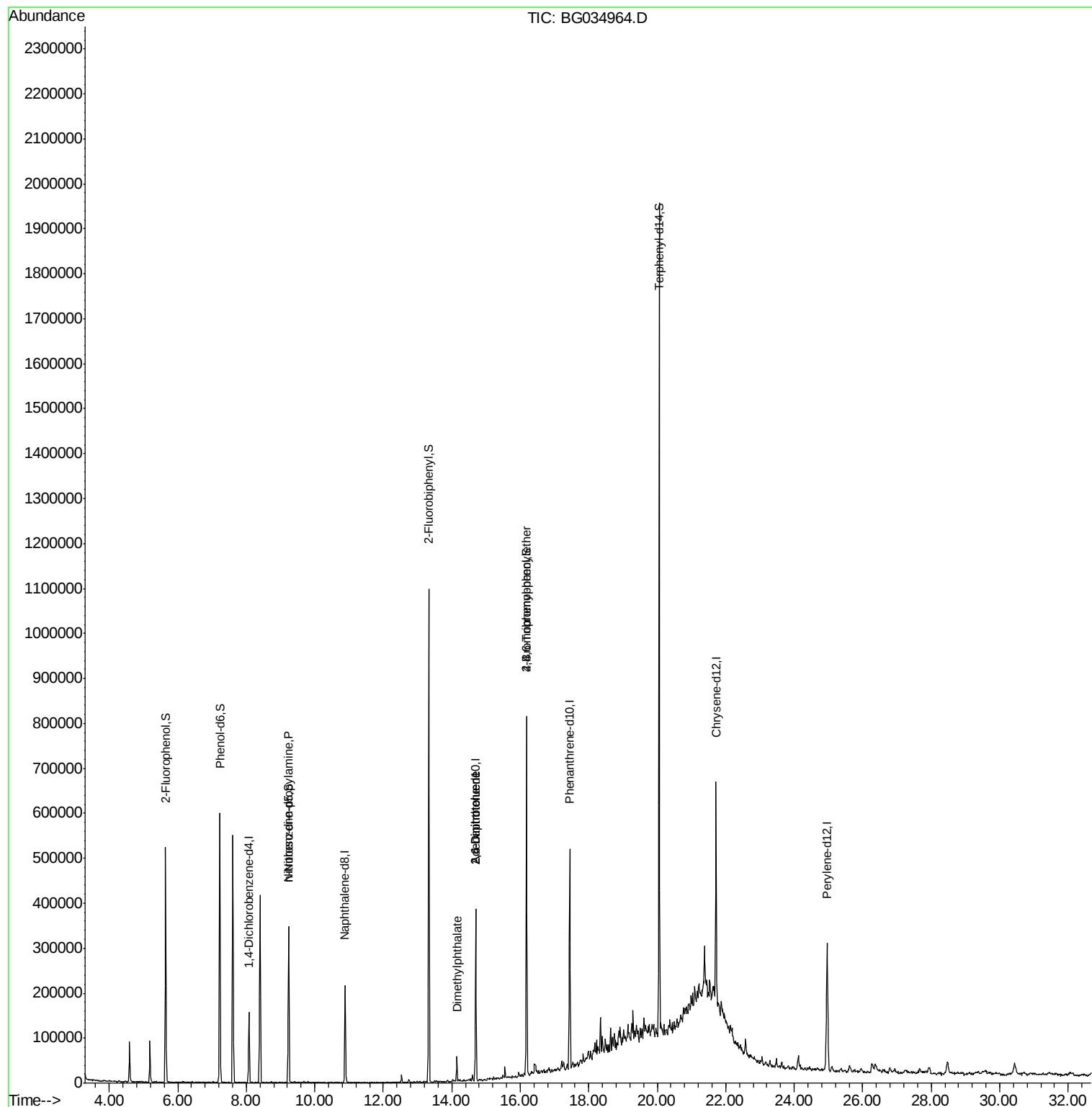
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	42531	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	177486	20.00	ng	-0.01
38) Acenaphthene-d10	14.70	164	124300	20.00	ng	0.00
63) Phenanthrene-d10	17.45	188	294174	20.00	ng	0.00
75) Chrysene-d12	21.72	240	291719	20.00	ng	-0.01
86) Perylene-d12	24.97	264	309023	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	214370	85.06	ng	0.00
7) Phenol-d6	7.23	99	344709	92.67	ng	0.00
23) Nitrobenzene-d5	9.23	82	222716	59.65	ng	-0.02
41) 2,4,6-Tribromophenol	16.18	330	132113	83.03	ng	-0.01
44) 2-Fluorobiphenyl	13.33	172	573882	60.02	ng	-0.01
78) Terphenyl-d14	20.05	244	858902	61.67	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.24	70	29530	9.34	ng	# 69
49) Dimethylphthalate	14.15	163	32482	3.00	ng	99
50) 2,6-Dinitrotoluene	14.70	165	17829	9.02	ng	# 21
56) 2,4-Dinitrotoluene	14.70	165	17829	6.79	ng	# 19
66) 4-Bromophenyl-phenylether	16.18	248	10326	2.91	ng	# 1

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

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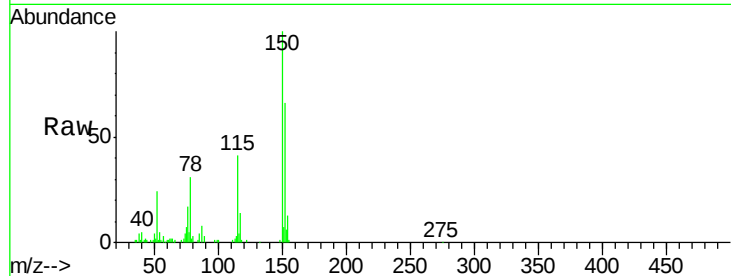


#1

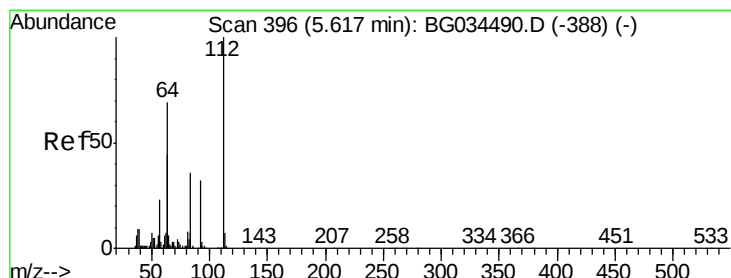
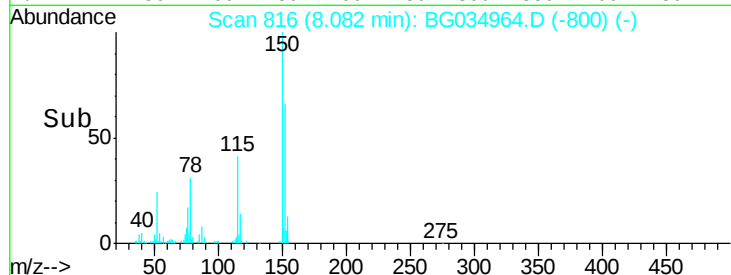
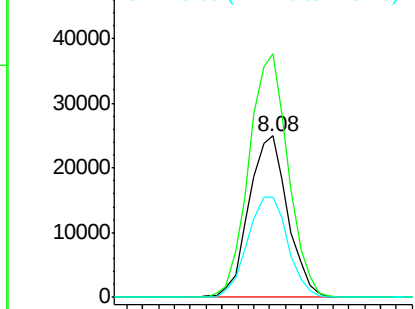
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.00 min
Lab File: BG034964.D
Acq: 7 Jun 2018 22:37

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 42531
Ion Ratio Lower Upper
152 100
150 151.1 126.6 189.8
115 62.4 53.0 79.4



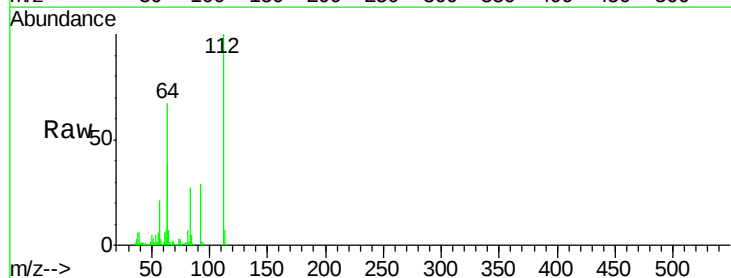
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



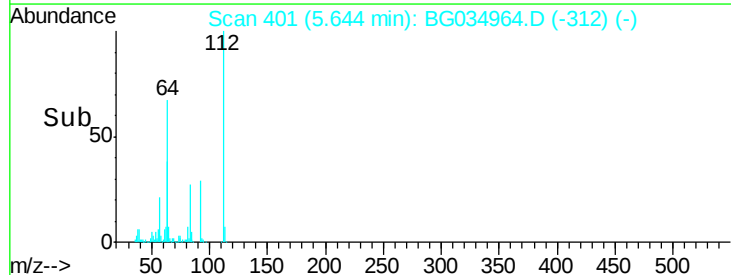
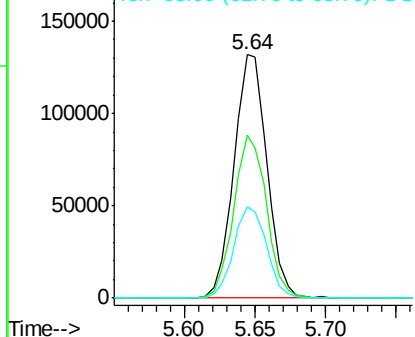
#5

2-Fluorophenol
Concen: 85.06 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG034964.D
Acq: 7 Jun 2018 22:37

Tgt Ion:112 Resp: 214370
Ion Ratio Lower Upper
112 100
64 67.1 56.3 84.5
63 37.6 30.1 45.1



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: 92.67 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG034964.D

Acq: 7 Jun 2018 22:37

Instrument :

BNA_G

ClientSampleId :

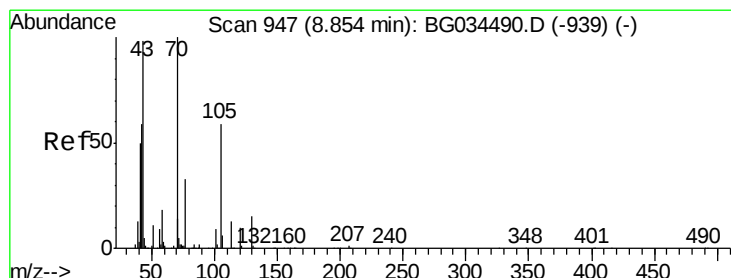
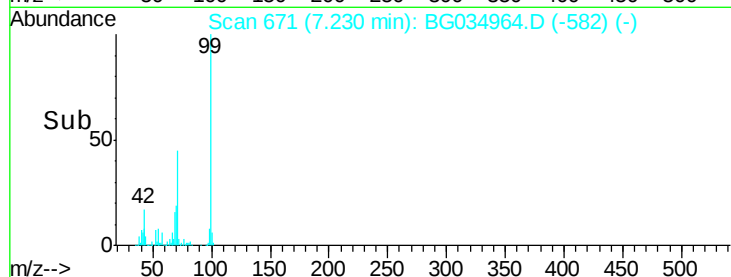
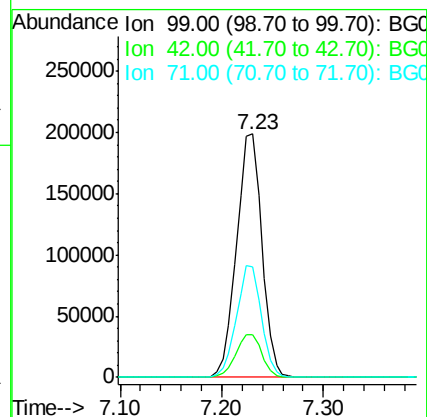
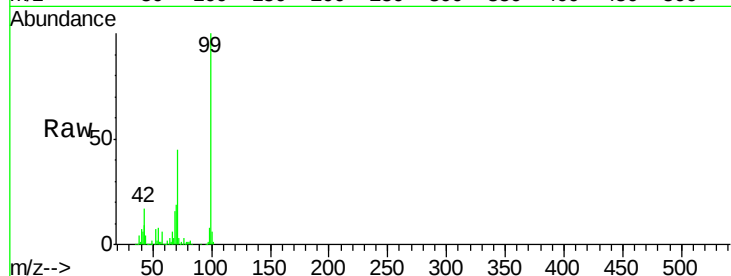
Tot Ion: 99 Resp: 344709

Ion Ratio Lower Upper

99 100

42 17.3 14.1 21.1

71 45.4 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 9.34 ng

RT: 9.24 min Scan# 1013

Delta R.T. 0.34 min

Lab File: BG034964.D

Acq: 7 Jun 2018 22:37

Tgt Ion: 70 Resp: 29530

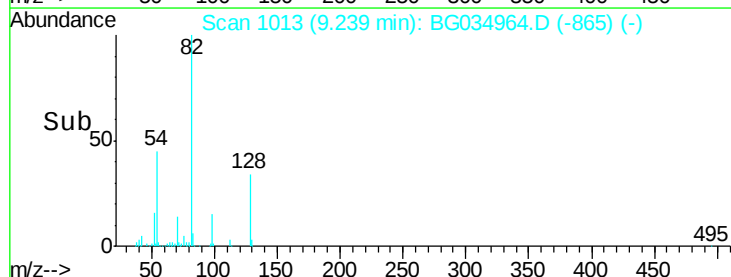
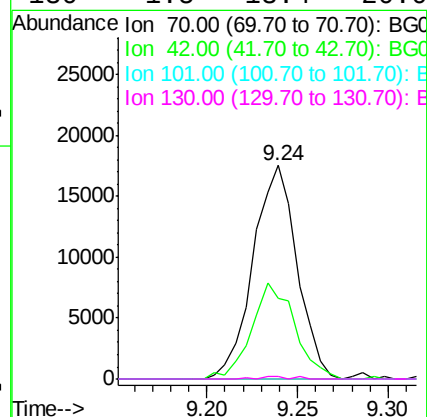
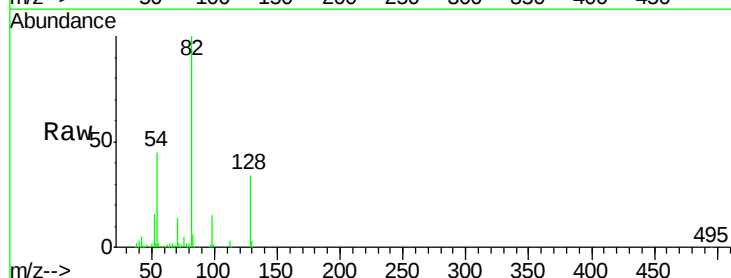
Ion Ratio Lower Upper

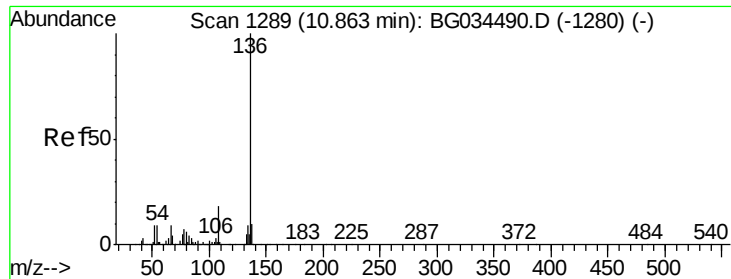
70 100

42 37.8 49.1 73.7#

101 0.0 8.5 12.7#

130 1.5 13.4 20.0#

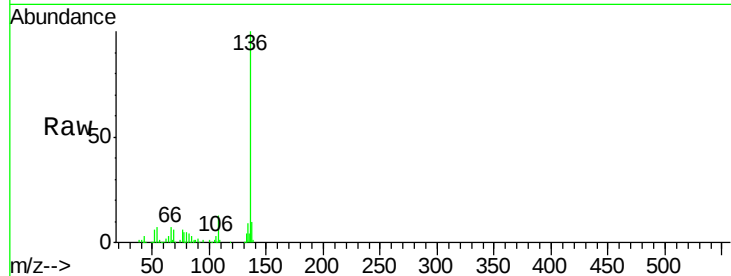




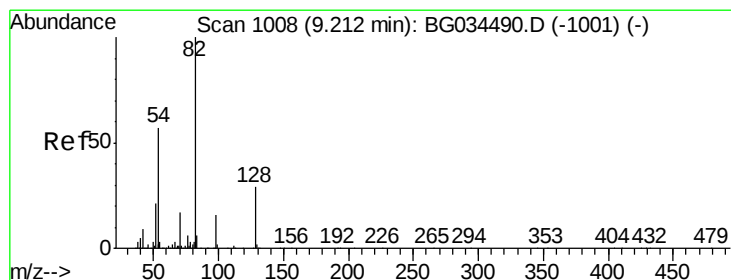
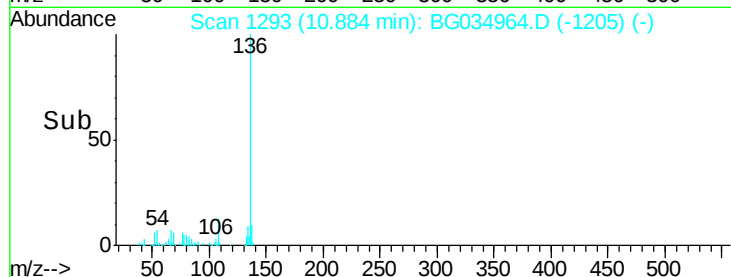
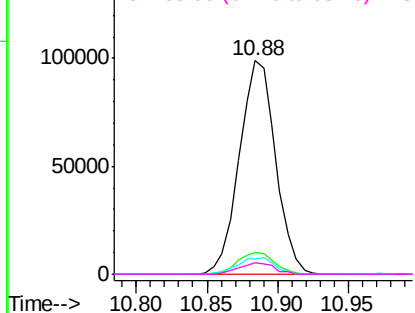
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG034964.D
Acq: 7 Jun 2018 22:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	177486	
Ion Ratio	Lower	Upper	
136 100			
137 10.1	9.2	13.8	
54 7.3	10.3	15.5#	
68 5.7	4.5	6.7	

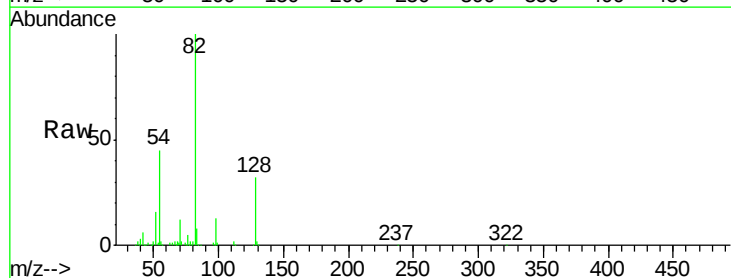


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

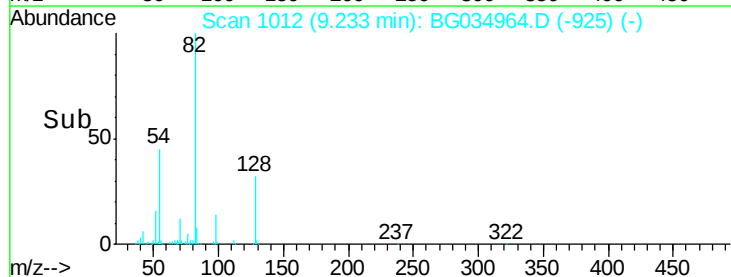
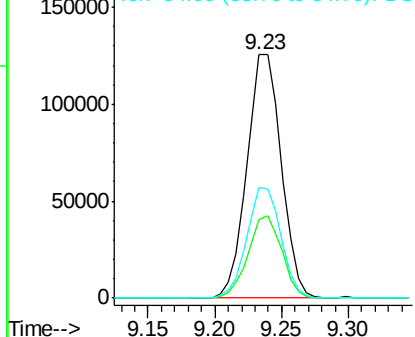


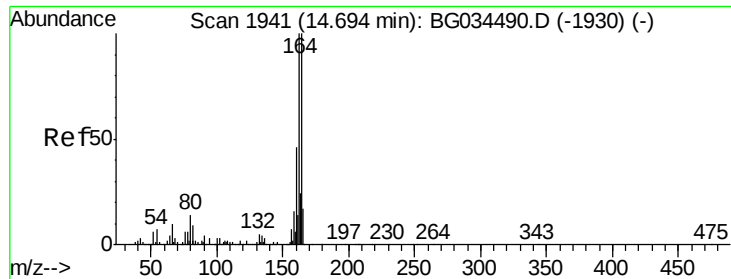
#23
Nitrobenzene-d5
Concen: 59.65 ng
RT: 9.23 min Scan# 1012
Delta R.T. -0.02 min
Lab File: BG034964.D
Acq: 7 Jun 2018 22:37

Tgt Ion: 82	Resp: 222716
Ion Ratio	Lower Upper
82 100	
128 32.1	29.7 44.5
54 45.3	43.1 64.7



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: 20.00 ng

RT: 14.70 min Scan# 1943

Delta R.T. -0.00 min

Lab File: BG034964.D

Acq: 7 Jun 2018 22:37

Instrument :

BNA_G

ClientSampleId :

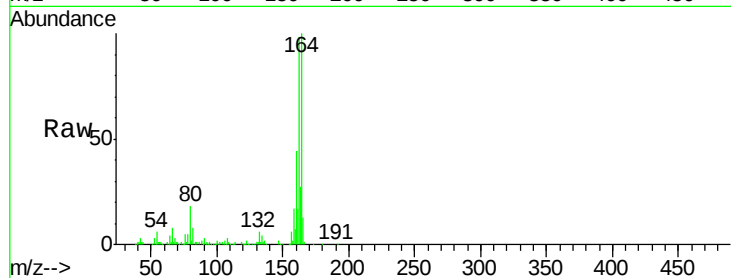
Tot Ion:164 Resp: 124300

Ion Ratio Lower Upper

164 100

162 97.6 78.8 118.2

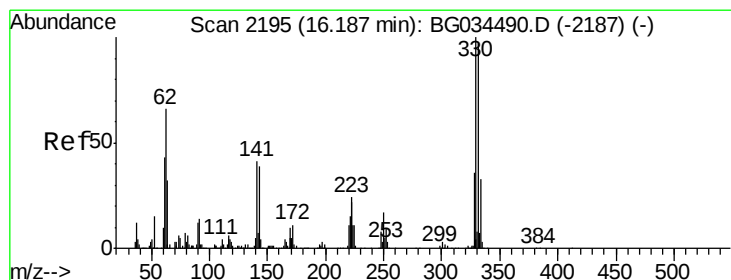
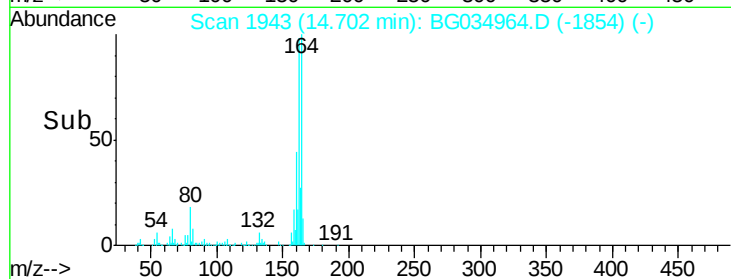
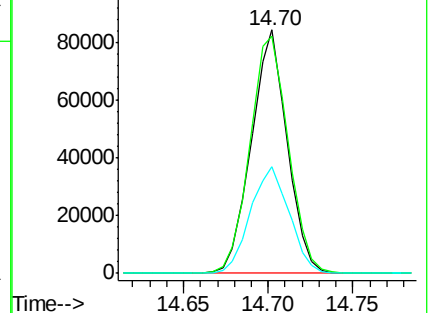
160 43.7 35.4 53.0



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: 83.03 ng

RT: 16.18 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BG034964.D

Acq: 7 Jun 2018 22:37

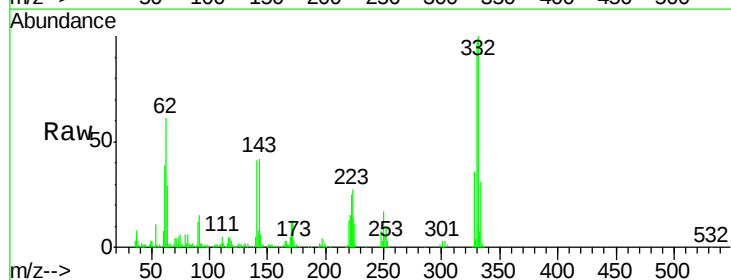
Tgt Ion:330 Resp: 132113

Ion Ratio Lower Upper

330 100

332 98.6 77.0 115.6

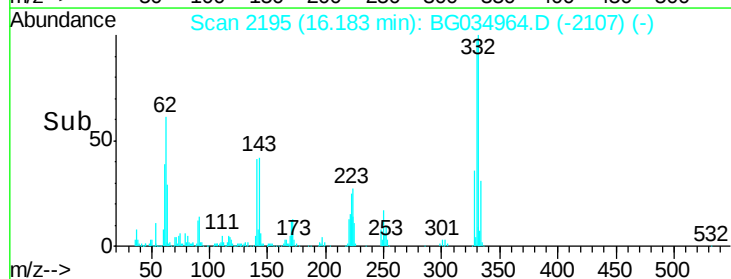
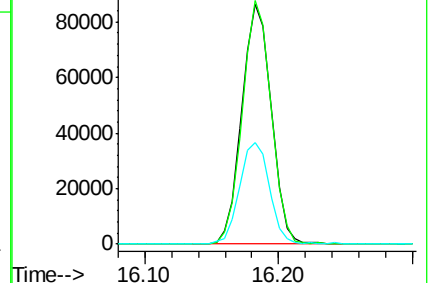
141 43.0 25.2 37.8#

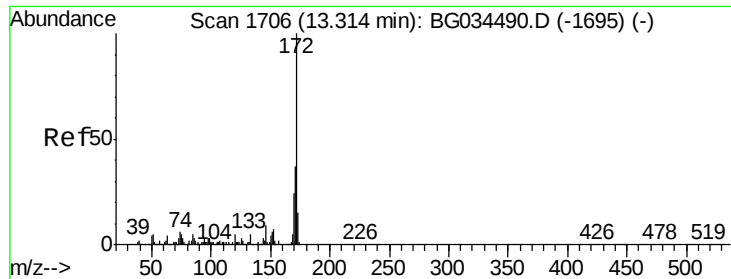


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

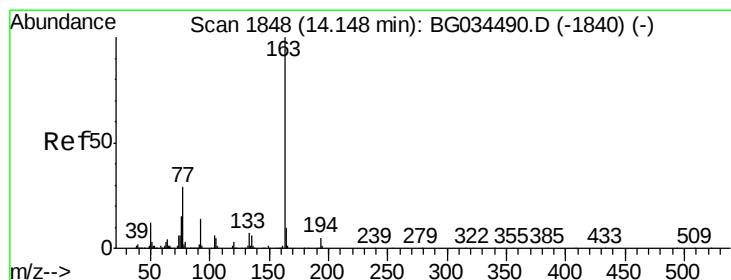
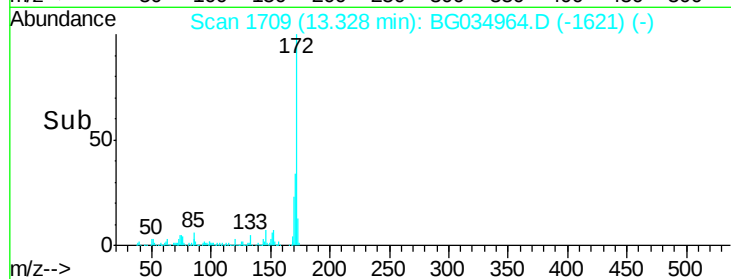
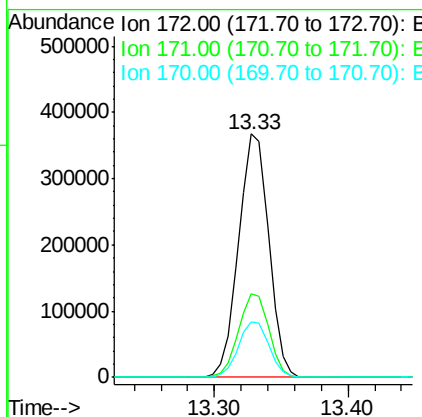
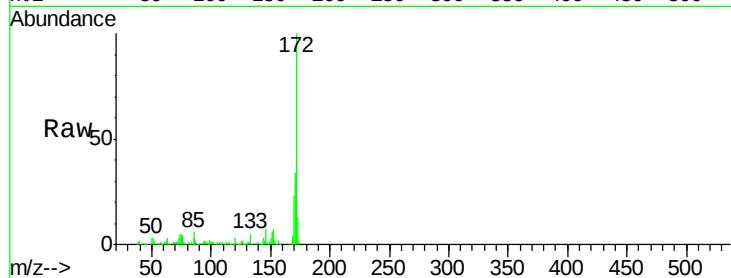




#44
2-Fluorobiphenyl
Concen: 60.02 ng
RT: 13.33 min Scan# 1709
Delta R.T. -0.01 min
Lab File: BG034964.D
Acq: 7 Jun 2018 22:37

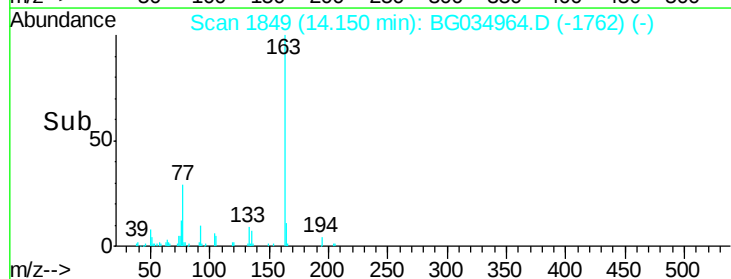
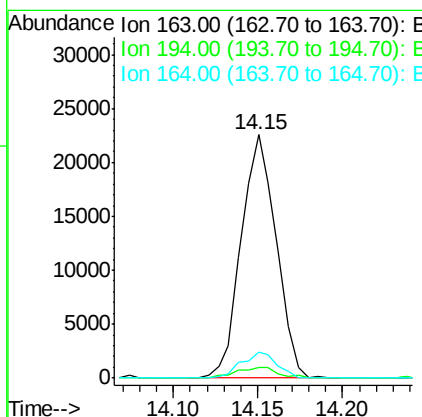
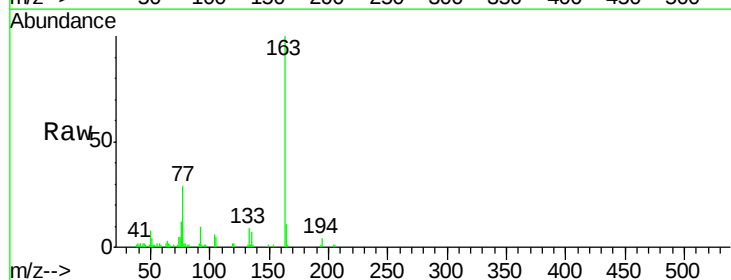
Instrument :
BNA_G
ClientSampleId :

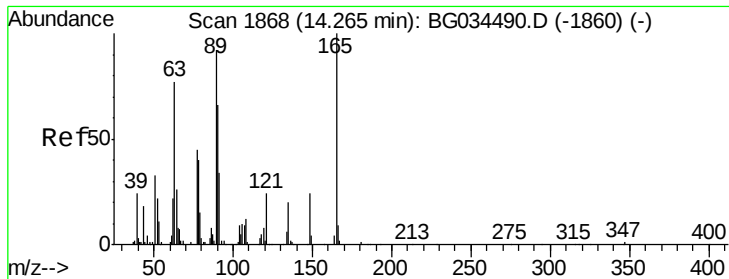
Tot Ion:172 Resp: 573882
Ion Ratio Lower Upper
172 100
171 34.1 30.0 45.0
170 22.7 19.5 29.3



#49
Dimethylphthalate
Concen: 3.00 ng
RT: 14.15 min Scan# 1849
Delta R.T. -0.02 min
Lab File: BG034964.D
Acq: 7 Jun 2018 22:37

Tgt Ion:163 Resp: 32482
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.6 8.2 12.4

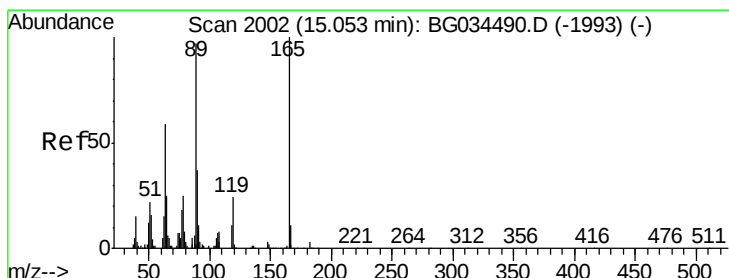
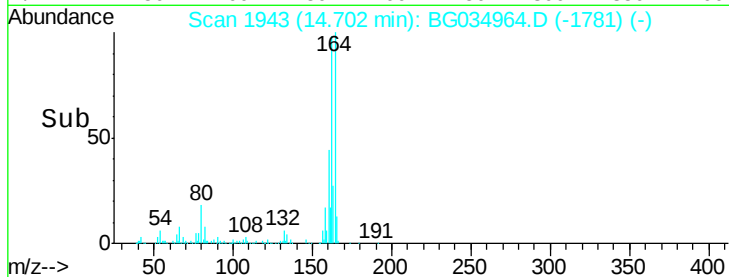
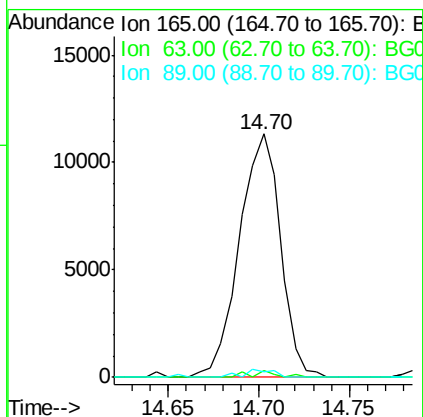
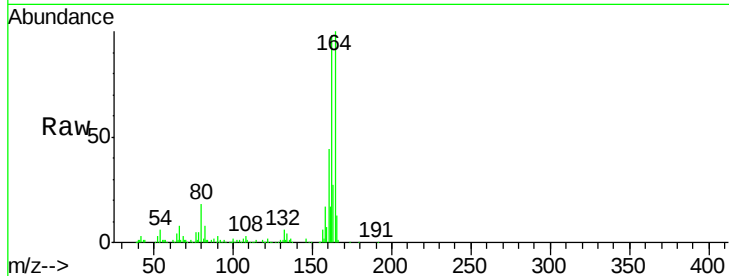




#50
 2,6-Dinitrotoluene
 Concen: 9.02 ng
 RT: 14.70 min Scan# 1943
 Delta R.T. 0.42 min
 Lab File: BG034964.D
 Acq: 7 Jun 2018 22:37

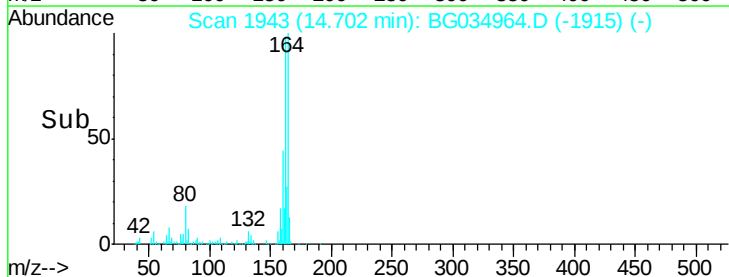
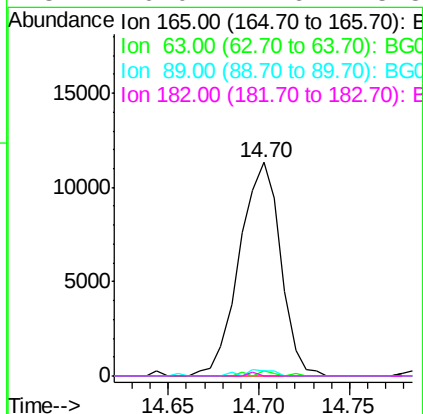
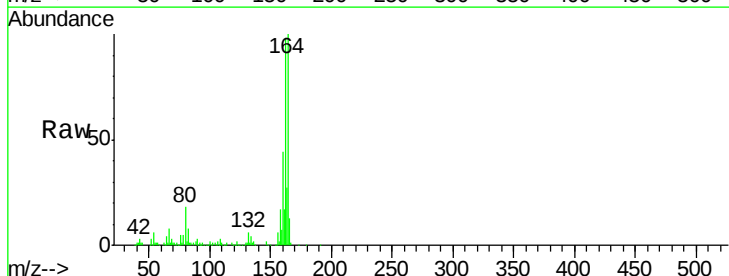
Instrument :
 BNA_G
 ClientSampleId :

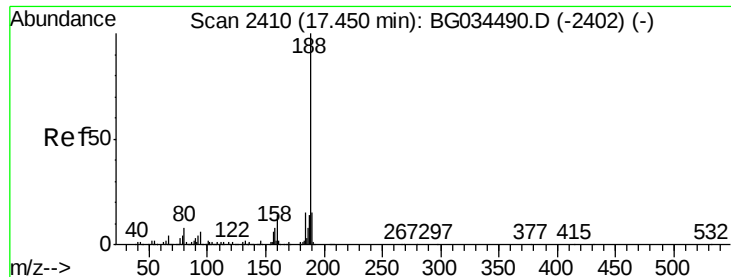
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.6	52.7	79.1#
89	2.3	49.2	73.8#



#56
 2,4-Dinitrotoluene
 Concen: 6.79 ng
 RT: 14.70 min Scan# 1943
 Delta R.T. -0.36 min
 Lab File: BG034964.D
 Acq: 7 Jun 2018 22:37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.6	42.0	63.0#
89	2.3	66.9	100.3#
182	0.0	2.6	3.8#

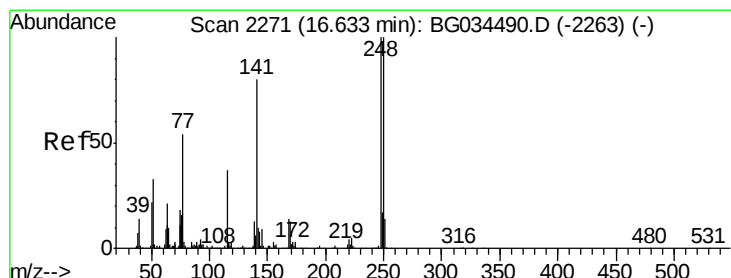
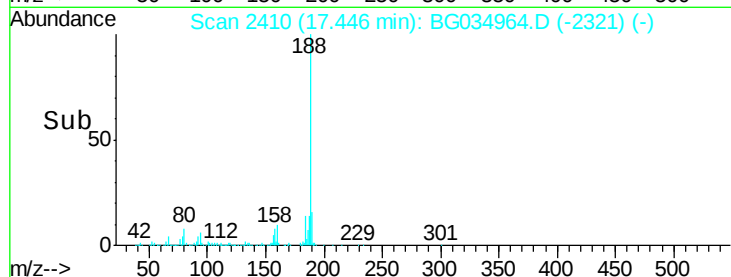
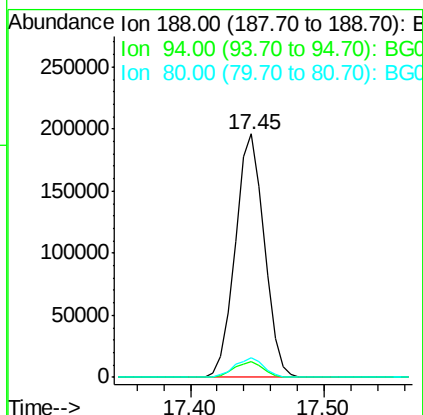
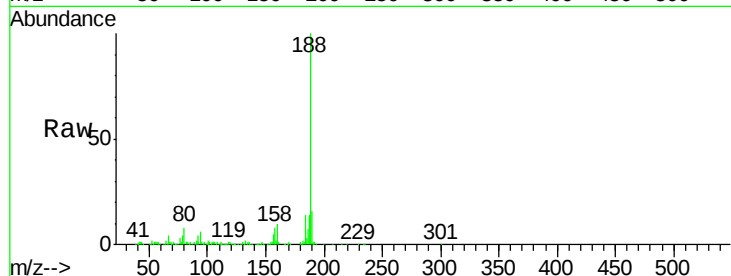




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.45 min Scan# 2410
Delta R.T. -0.00 min
Lab File: BG034964.D
Acq: 7 Jun 2018 22:37

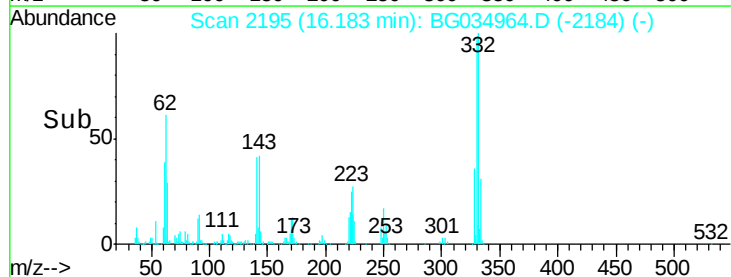
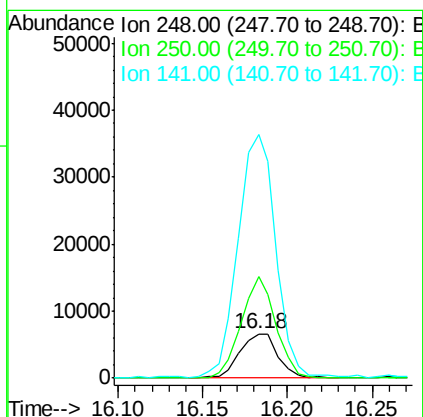
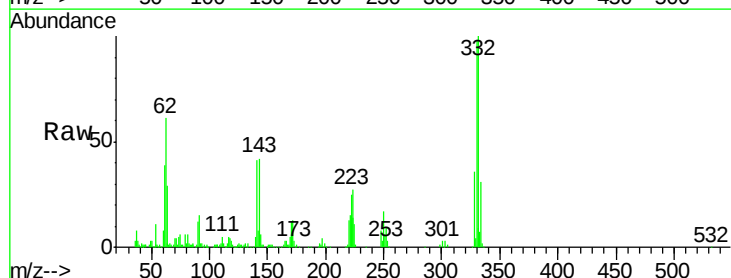
Instrument :
BNA_G
ClientSampleId :

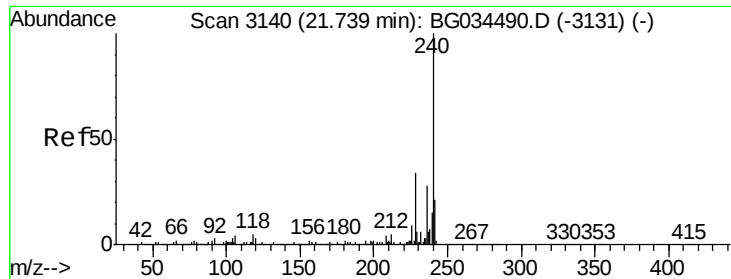
Tot Ion:188 Resp: 294174
Ion Ratio Lower Upper
188 100
94 6.4 6.9 10.3#
80 7.8 7.7 11.5



#66
4-Bromophenyl-phenylether
Concen: 2.91 ng
RT: 16.18 min Scan# 2195
Delta R.T. -0.46 min
Lab File: BG034964.D
Acq: 7 Jun 2018 22:37

Tgt Ion:248 Resp: 10326
Ion Ratio Lower Upper
248 100
250 229.4 77.1 115.7#
141 550.6 50.8 76.2#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.72 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BG034964.D

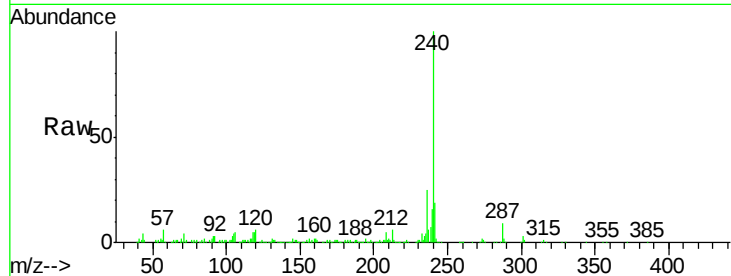
Acq: 7 Jun 2018 22:37

Instrument :

BNA_G

ClientSampleId :

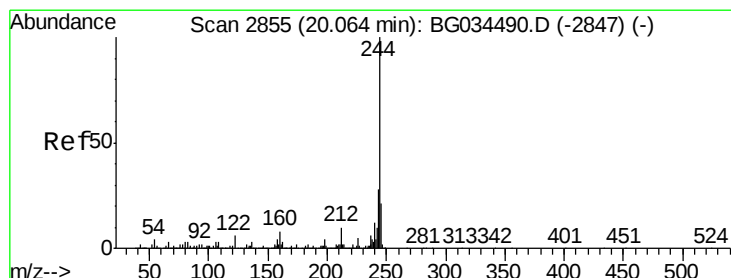
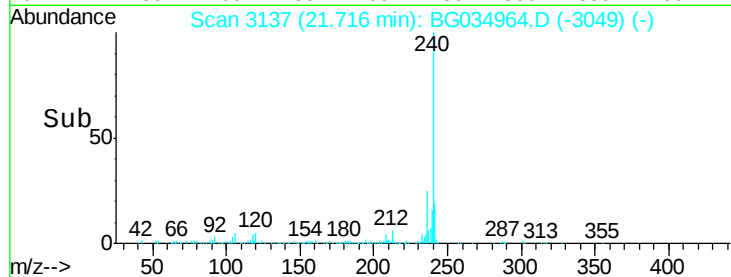
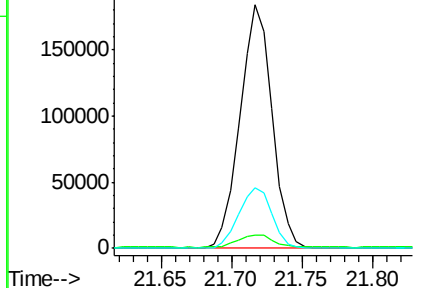
Tot Ion:240	Resp:	291719
Ion Ratio	Lower	Upper
240	100	
120	5.6	6.8 10.2#
236	25.1	20.9 31.3



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: 61.67 ng

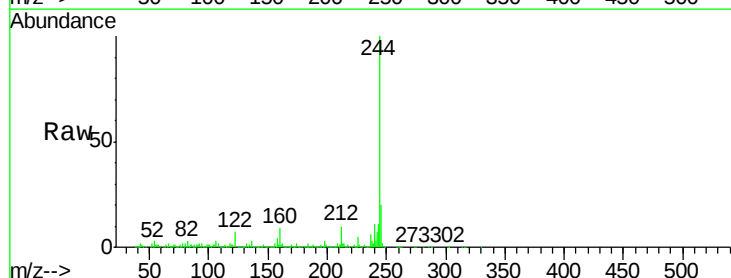
RT: 20.05 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BG034964.D

Acq: 7 Jun 2018 22:37

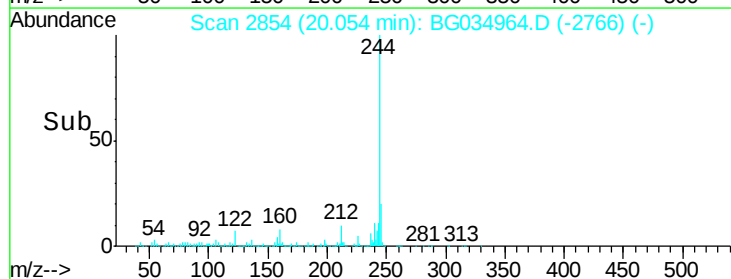
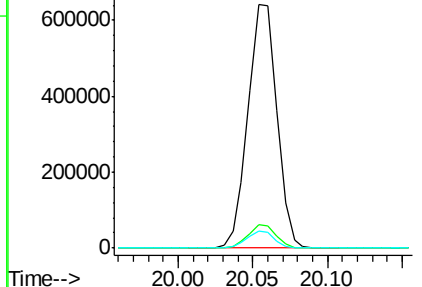
Tgt Ion:244	Resp:	858902
Ion Ratio	Lower	Upper
244	100	
212	9.5	5.8 8.8#
122	7.2	7.0 10.4

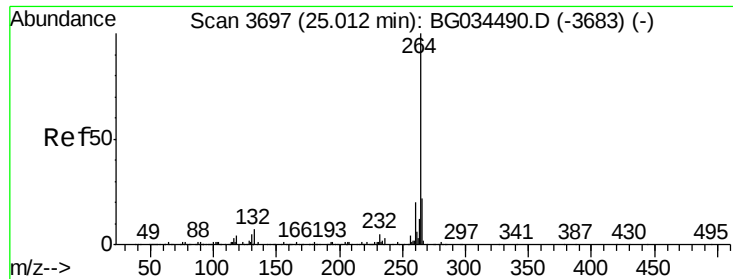


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

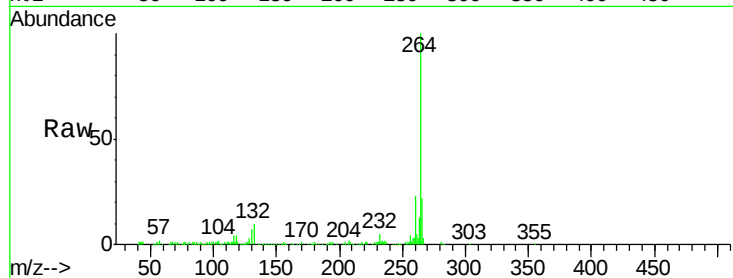




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 24.97 min Scan# 3690
 Delta R.T. -0.02 min
 Lab File: BG034964.D
 Acq: 7 Jun 2018 22:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.4	26.0
265	22.0	17.7	26.5



Abundance Ion 264.00 (263.70 to 264.70): E
 150000
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

