

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG092718\
 Data File : BG037023.D
 Acq On : 27 Sep 2018 20:32
 Operator : JU/SJ
 Sample : J5097-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Quant Time: Sep 28 04:23:39 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

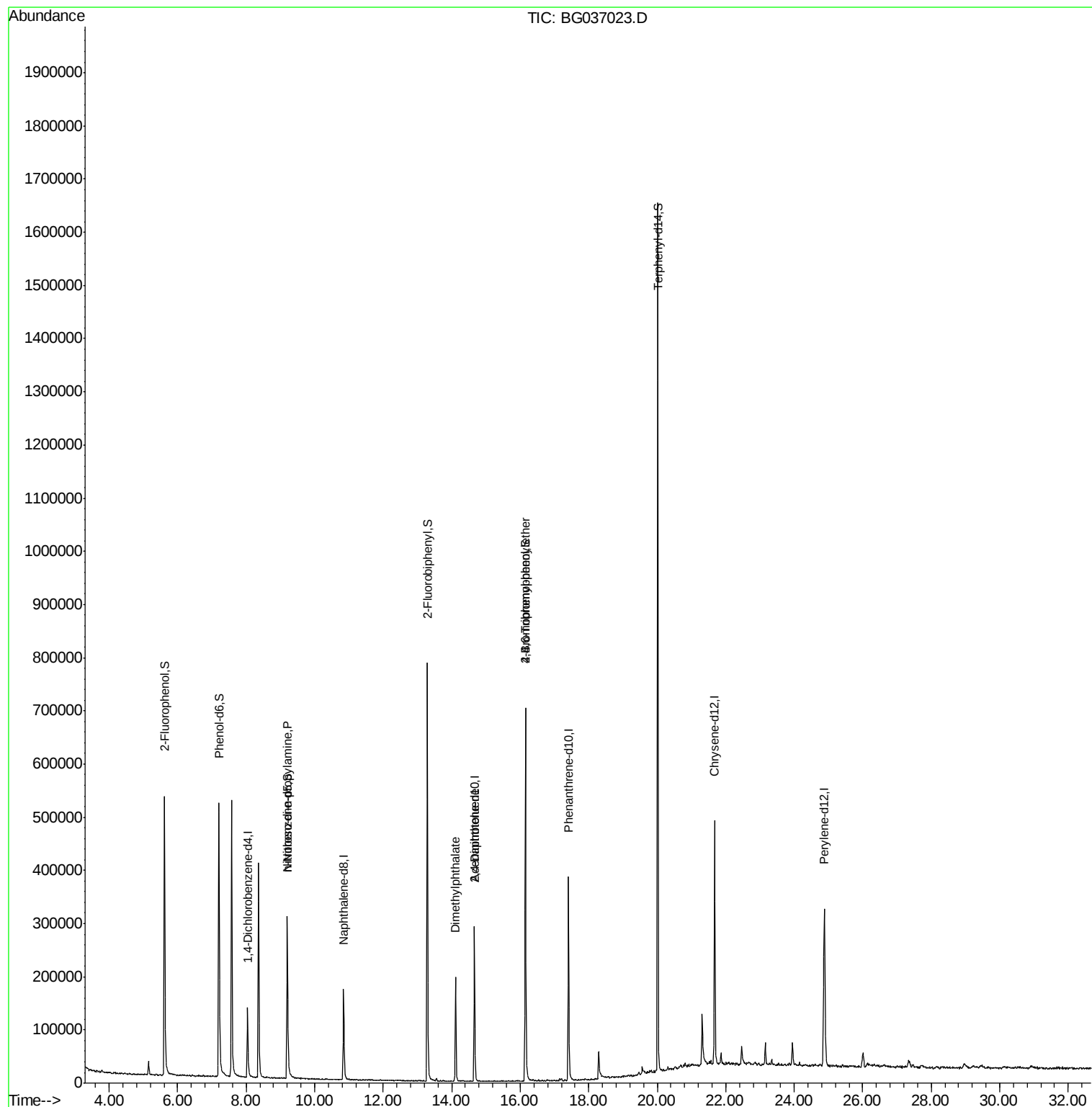
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	42971	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	167851	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	104600	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	270424	20.00	ng	0.00
75) Chrysene-d12	21.67	240	291957	20.00	ng	-0.02
86) Perylene-d12	24.88	264	303421	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	252374	112.63	ng	0.00
7) Phenol-d6	7.20	99	345974	99.80	ng	0.00
23) Nitrobenzene-d5	9.20	82	233567	74.52	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	136900	109.39	ng	-0.02
44) 2-Fluorobiphenyl	13.29	172	454704	64.74	ng	0.00
78) Terphenyl-d14	20.02	244	773556	69.67	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	30882	10.708	ng	# 72
49) Dimethylphthalate	14.11	163	141038	16.751	ng	# 98
56) 2,4-Dinitrotoluene	14.66	165	13051	5.091	ng	# 20
66) 4-Bromophenyl-phenylether	16.15	248	9862	3.206	ng	# 1

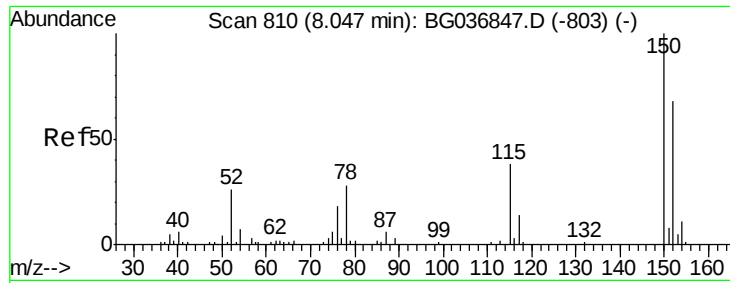
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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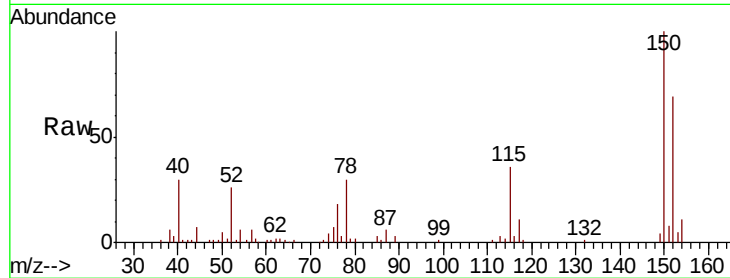




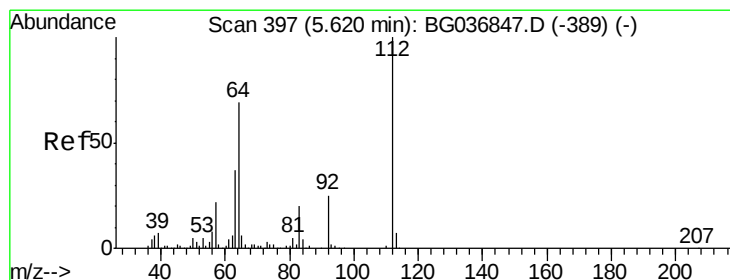
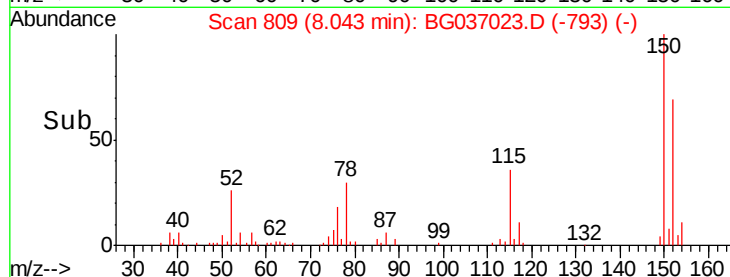
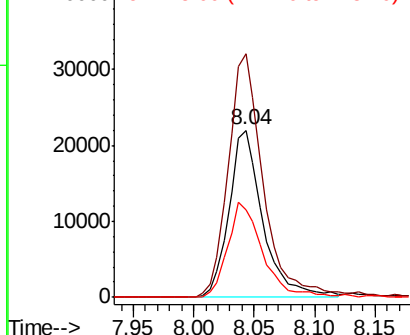
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.04 min Scan# 809
 Delta R.T. -0.00 min
 Lab File: BG037023.D
 Acq: 27 Sep 2018 20:32

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Tgt Ion:152 Resp: 42971
 Ion Ratio Lower Upper
 152 100
 150 145.6 119.5 179.3
 115 52.0 44.5 66.7

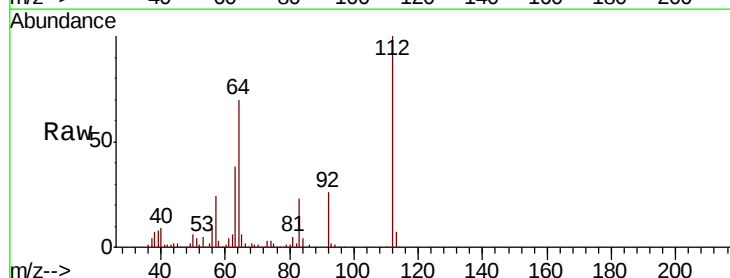


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

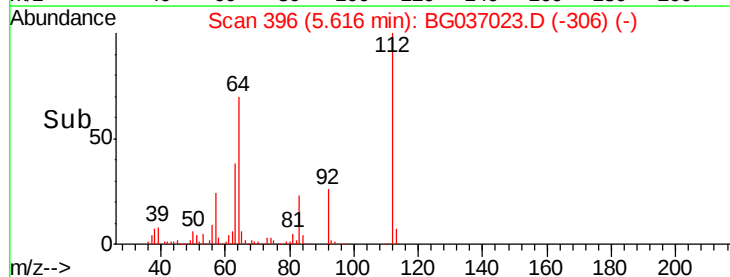
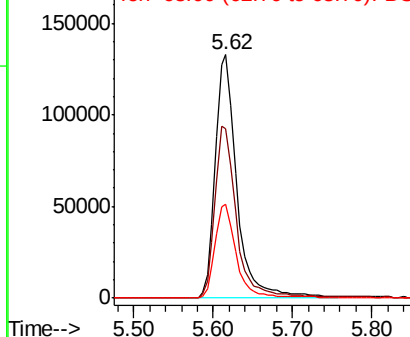


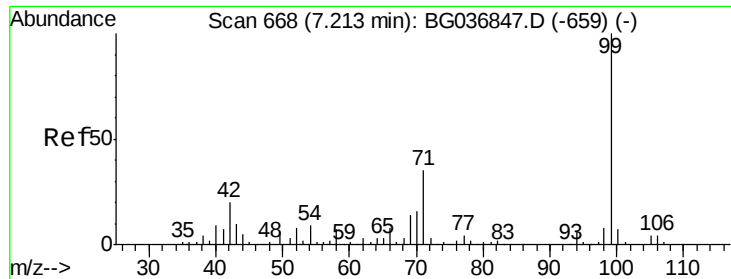
#5
 2-Fluorophenol
 Concen: 112.634 ng
 RT: 5.62 min Scan# 396
 Delta R.T. -0.00 min
 Lab File: BG037023.D
 Acq: 27 Sep 2018 20:32

Tgt Ion:112 Resp: 252374
 Ion Ratio Lower Upper
 112 100
 64 69.6 57.2 85.8
 63 38.4 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: 99.800 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037023.D

Acq: 27 Sep 2018 20:32

Instrument :

BNA_G

ClientSampleId :

TP-3

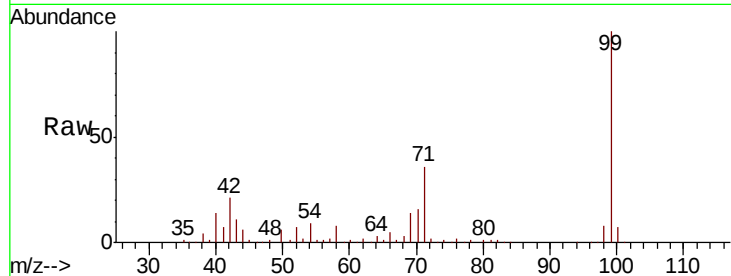
Tgt Ion: 99 Resp: 345974

Ion Ratio Lower Upper

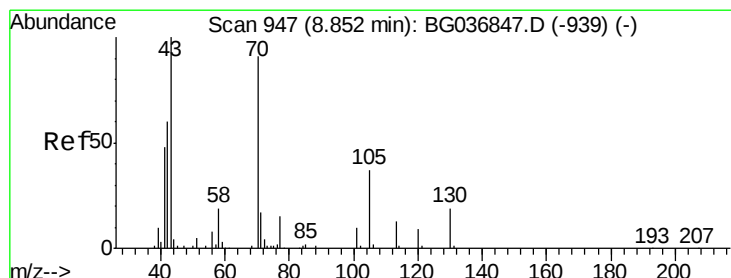
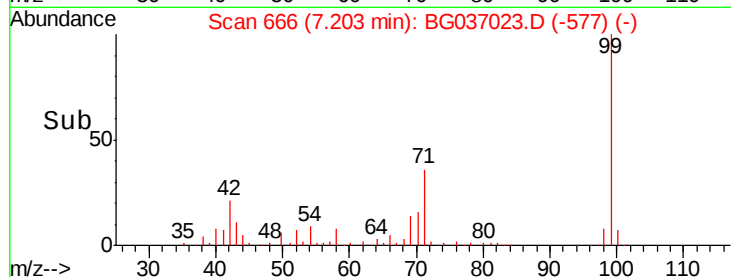
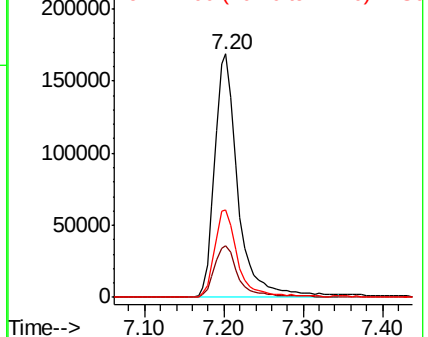
99 100

42 21.1 16.5 24.7

71 35.9 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: 10.708 ng

RT: 9.20 min Scan# 1006

Delta R.T. 0.35 min

Lab File: BG037023.D

Acq: 27 Sep 2018 20:32

Tgt Ion: 70 Resp: 30882

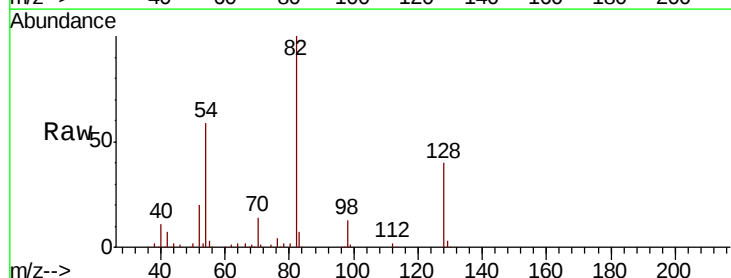
Ion Ratio Lower Upper

70 100

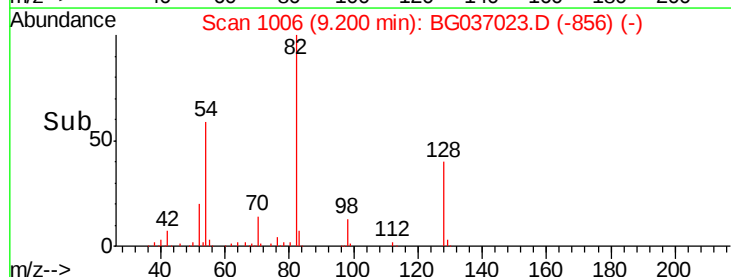
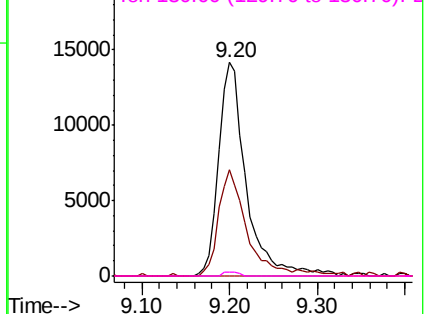
42 49.7 56.2 84.4#

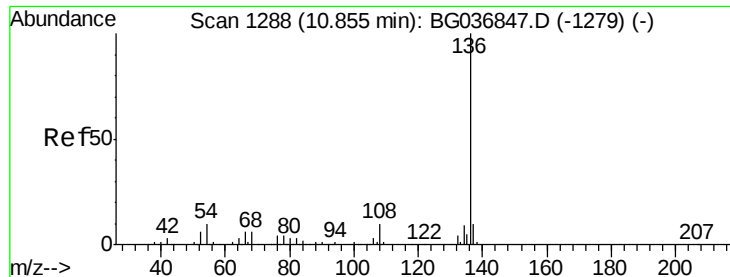
101 0.0 7.8 11.6#

130 2.1 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

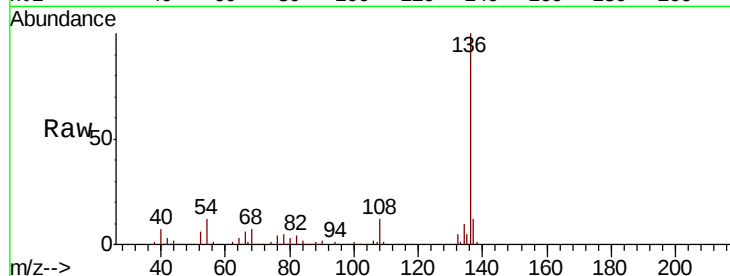




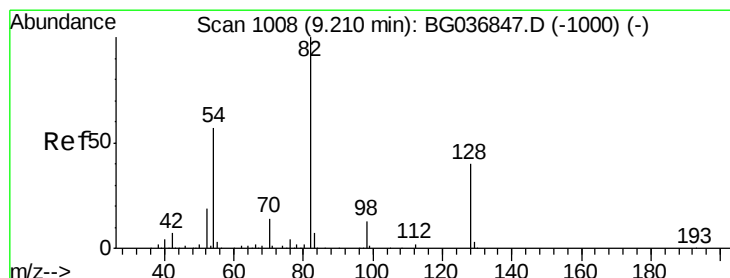
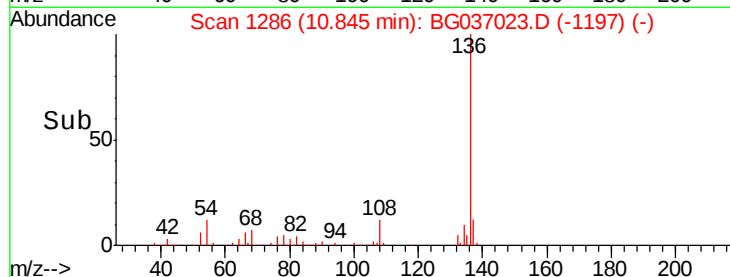
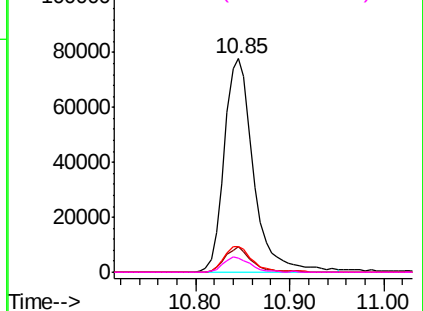
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG037023.D
Acq: 27 Sep 2018 20:32

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion:	136	Resp:	167851
Ion	Ratio	Lower	Upper
136	100		
137	12.1	8.8	13.2
54	12.3	9.2	13.8
68	6.9	5.8	8.6

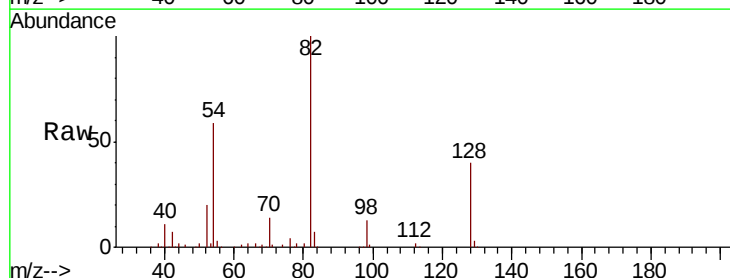


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

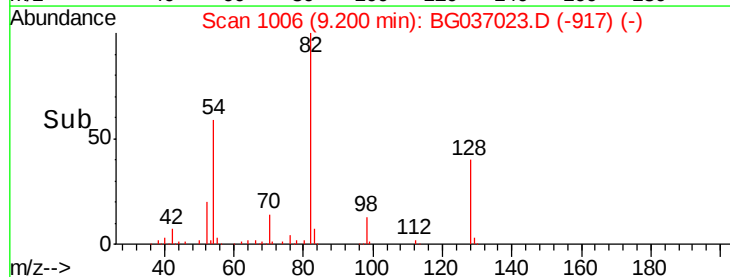
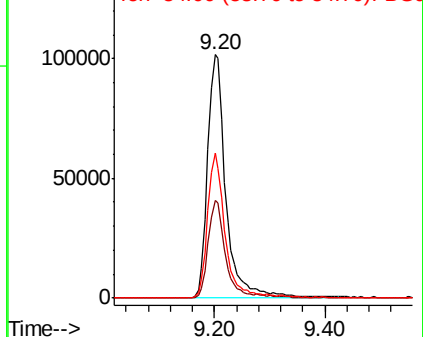


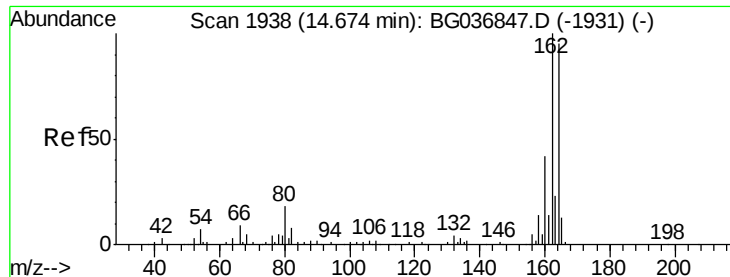
#23
Nitrobenzene-d5
Concen: 74.517 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG037023.D
Acq: 27 Sep 2018 20:32

Tgt Ion:	82	Resp:	233567
Ion	Ratio	Lower	Upper
82	100		
128	39.9	33.3	49.9
54	59.5	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# 1936

Delta R.T. -0.01 min

Lab File: BG037023.D

Acq: 27 Sep 2018 20:32

Instrument :

BNA_G

ClientSampleId :

TP-3

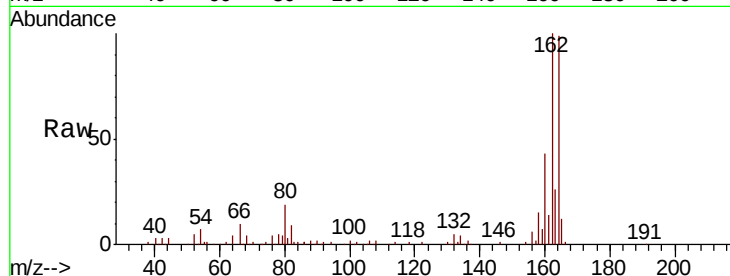
Tgt Ion:164 Resp: 104600

Ion Ratio Lower Upper

164 100

162 101.4 80.7 121.1

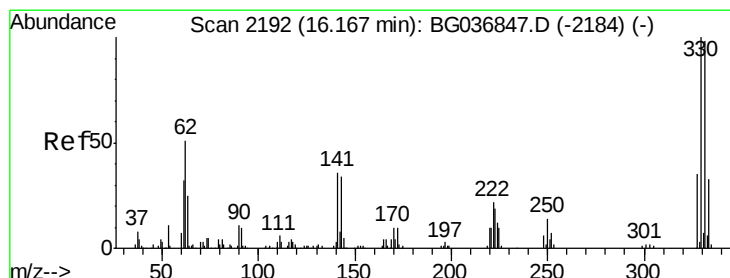
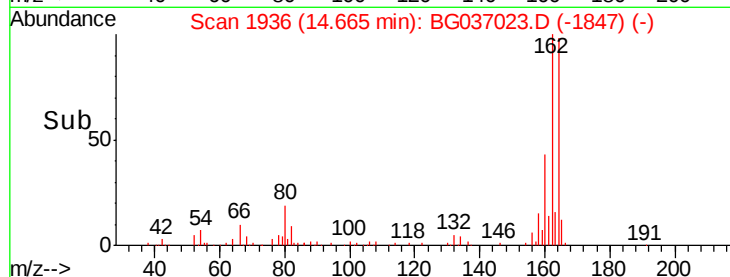
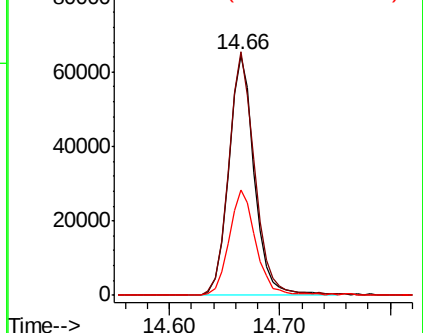
160 43.9 35.3 52.9



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: 109.391 ng

RT: 16.15 min Scan# 2189

Delta R.T. -0.02 min

Lab File: BG037023.D

Acq: 27 Sep 2018 20:32

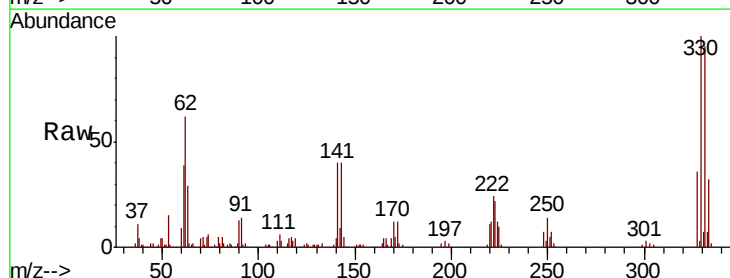
Tgt Ion:330 Resp: 136900

Ion Ratio Lower Upper

330 100

332 96.1 75.4 113.2

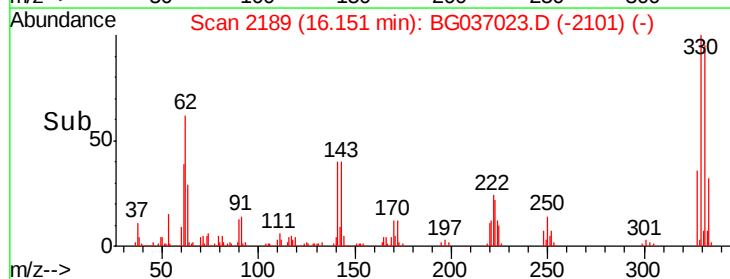
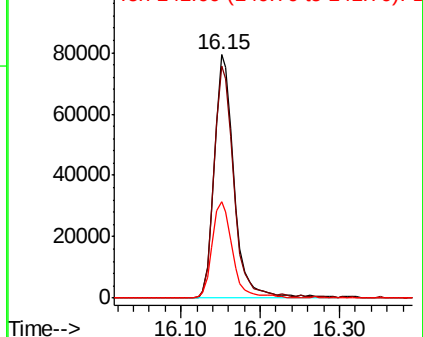
141 41.0 30.7 46.1

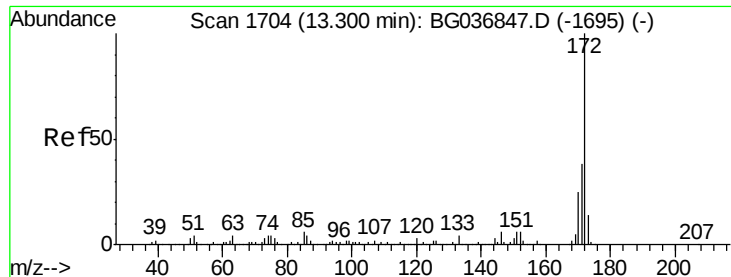


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

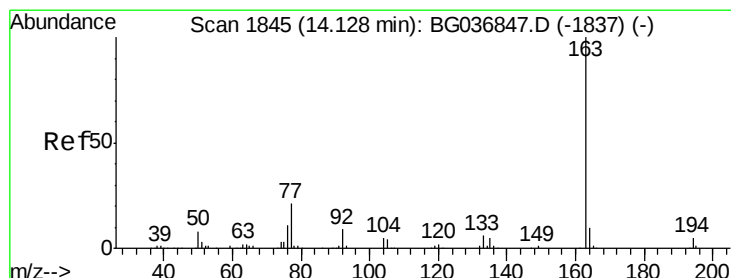
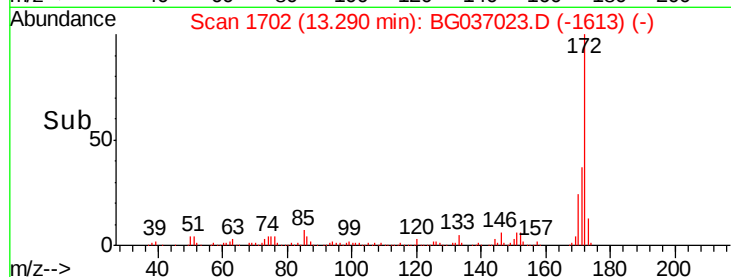
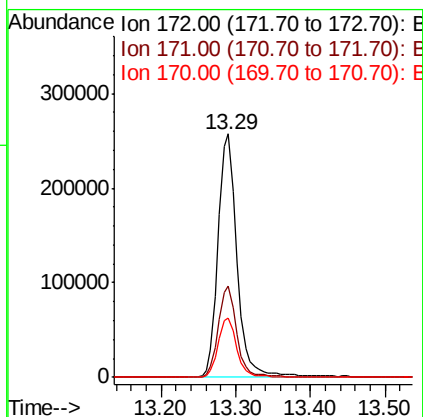
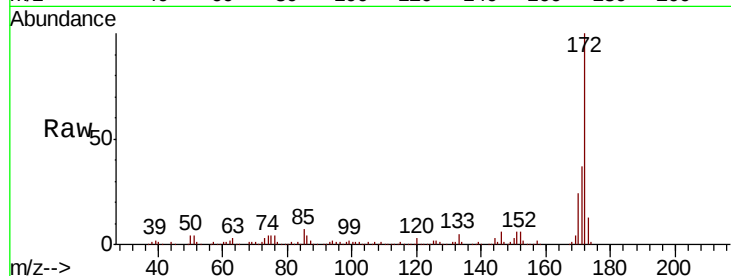




#44
2-Fluorobiphenyl
Concen: 64.745 ng
RT: 13.29 min Scan# 1702
Delta R.T. -0.01 min
Lab File: BG037023.D
Acq: 27 Sep 2018 20:32

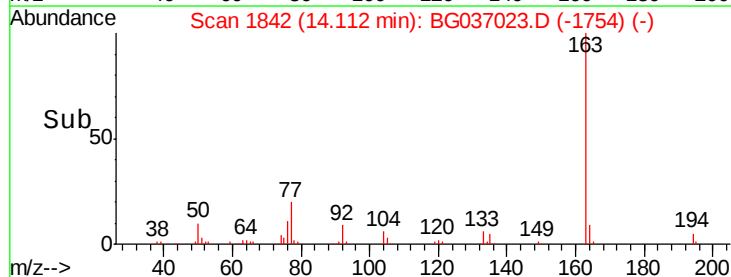
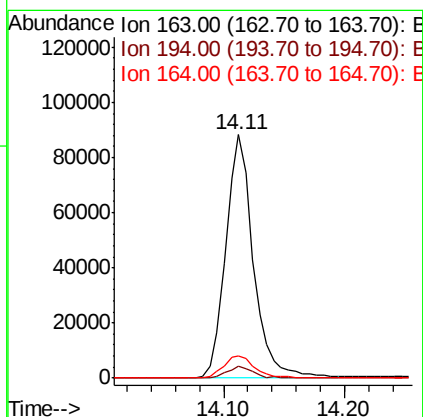
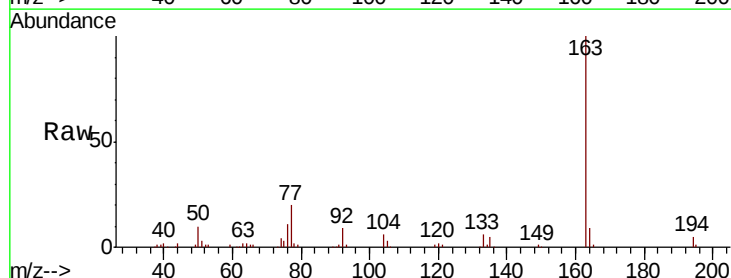
Instrument :
BNA_G
ClientSampleId :
TP-3

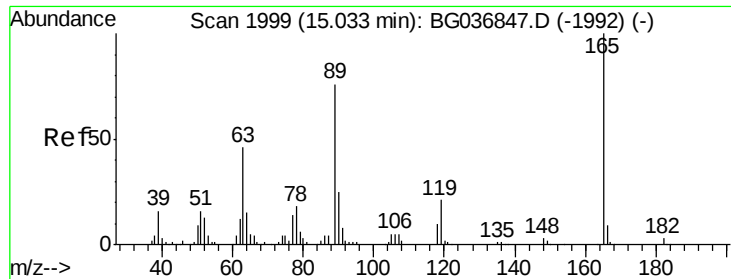
Tgt Ion:172 Resp: 454704
Ion Ratio Lower Upper
172 100
171 37.4 31.3 46.9
170 24.5 21.0 31.6



#49
Dimethylphthalate
Concen: 16.751 ng
RT: 14.11 min Scan# 1842
Delta R.T. -0.02 min
Lab File: BG037023.D
Acq: 27 Sep 2018 20:32

Tgt Ion:163 Resp: 141038
Ion Ratio Lower Upper
163 100
194 4.8 4.0 6.0
164 9.3 8.1 12.1

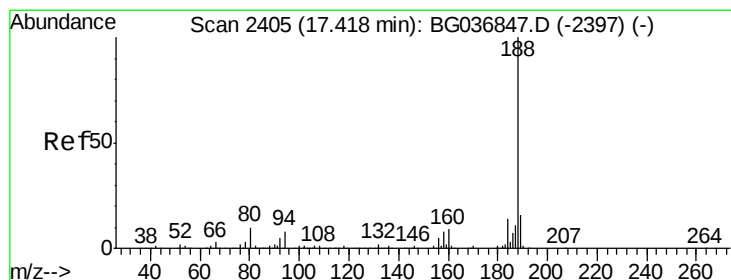
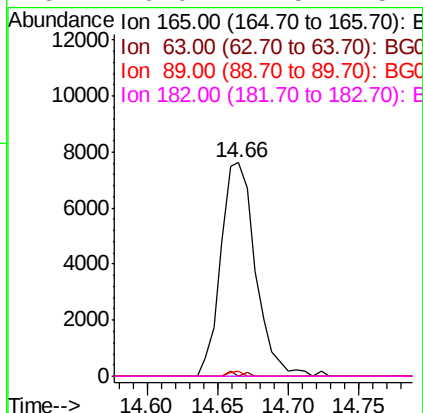
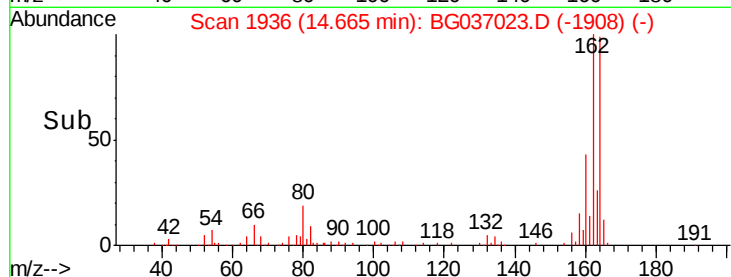
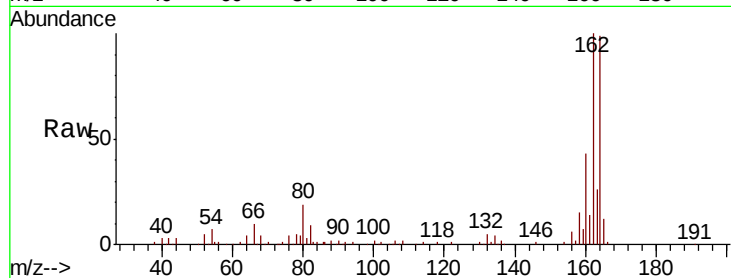




#56
2,4-Dinitrotoluene
Concen: 5.091 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.37 min
Lab File: BG037023.D
Acq: 27 Sep 2018 20:32

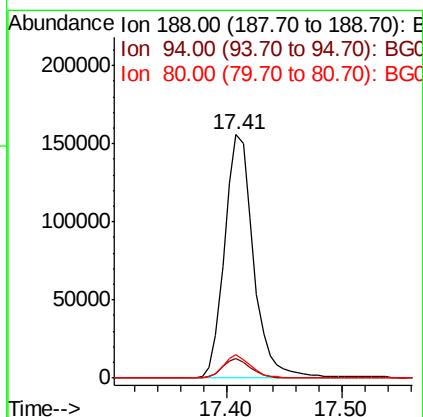
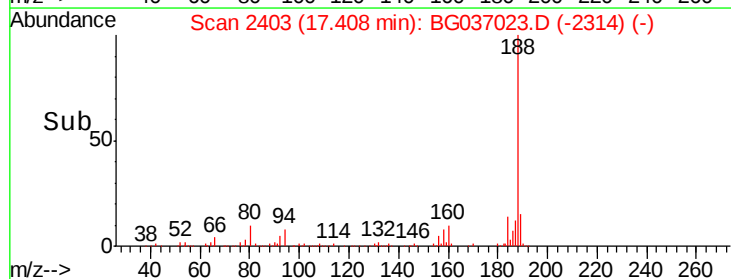
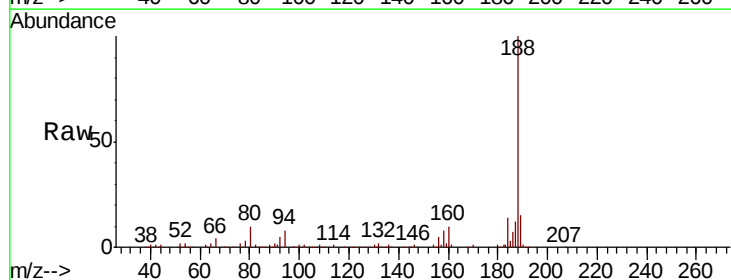
Instrument :
BNA_G
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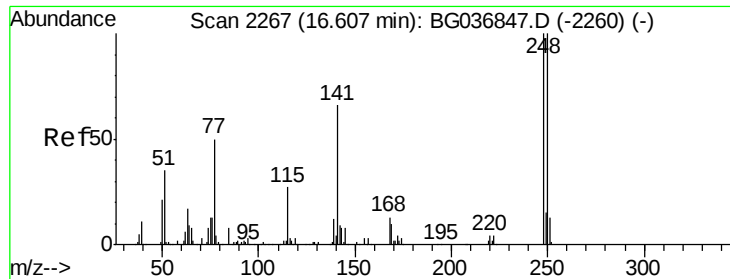
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.1	60.1#
89	2.6	63.7	95.5#
182	0.0	2.5	3.7#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BG037023.D
Acq: 27 Sep 2018 20:32

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.7	10.1
80	9.7	8.1	12.1

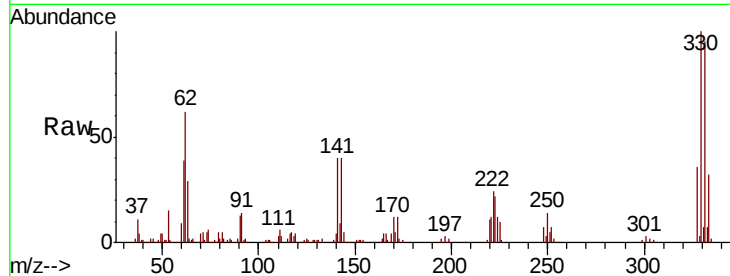




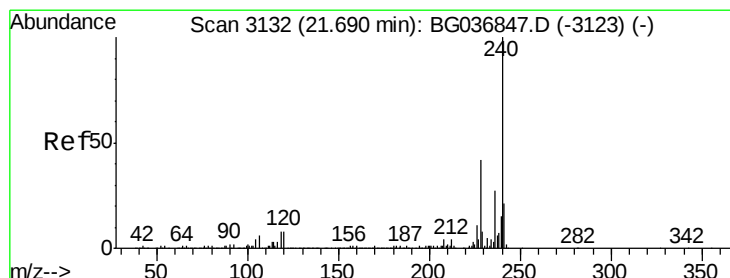
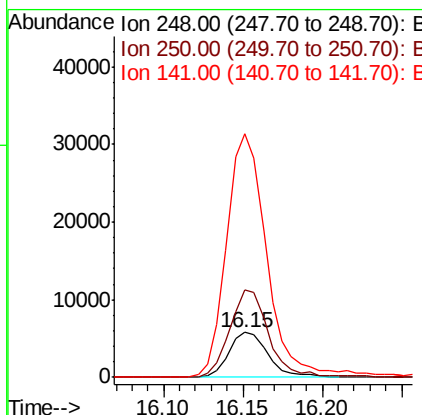
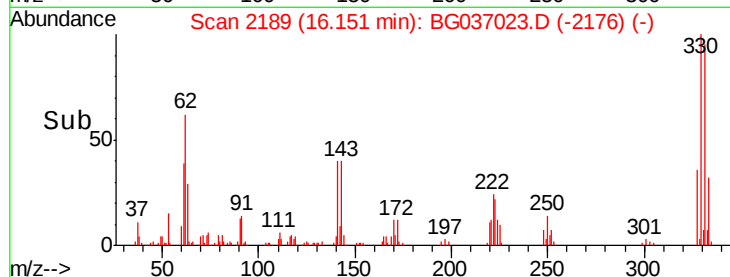
#66
 4-Bromophenyl-phenylether
 Concen: 3.206 ng
 RT: 16.15 min Scan# 2189
 Delta R.T. -0.46 min
 Lab File: BG037023.D
 Acq: 27 Sep 2018 20:32

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Tgt Ion:248 Resp: 9862
 Ion Ratio Lower Upper
 248 100
 250 195.2 78.1 117.1#
 141 539.8 53.7 80.5#

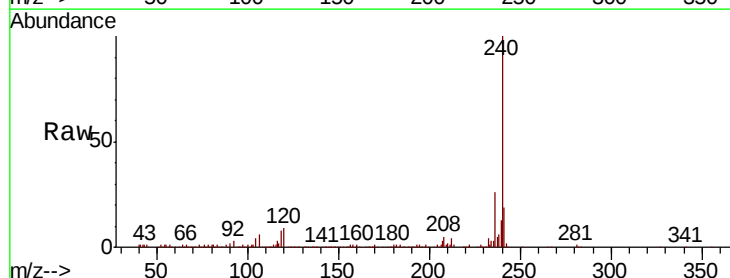


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

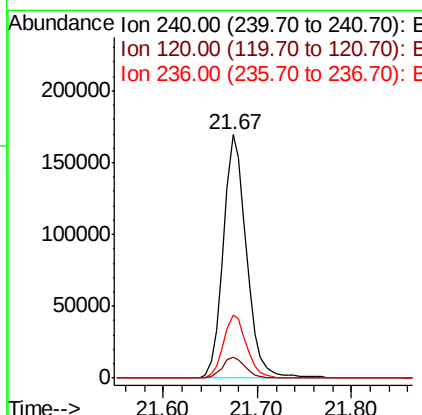
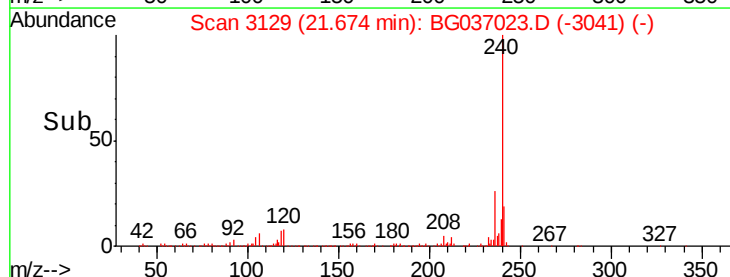


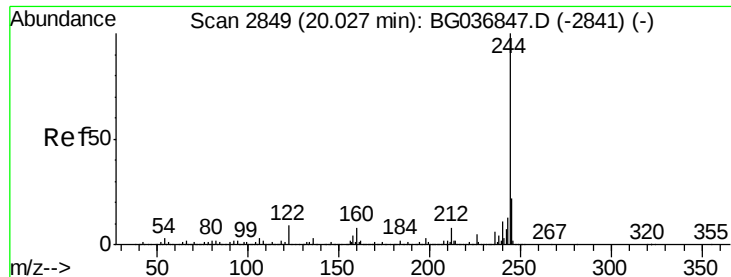
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.67 min Scan# 3129
 Delta R.T. -0.02 min
 Lab File: BG037023.D
 Acq: 27 Sep 2018 20:32

Tgt Ion:240 Resp: 291957
 Ion Ratio Lower Upper
 240 100
 120 8.5 6.9 10.3
 236 25.8 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: 69.670 ng

RT: 20.02 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG037023.D

Acq: 27 Sep 2018 20:32

Instrument :

BNA_G

ClientSampleId :

TP-3

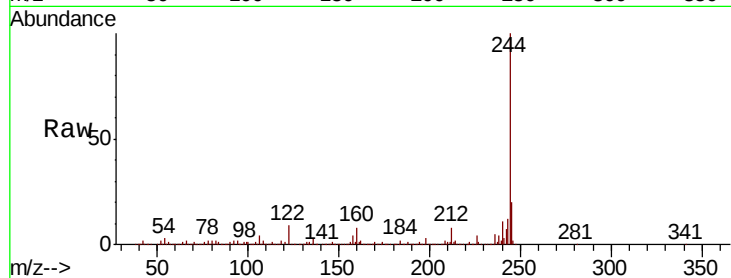
Tgt Ion:244 Resp: 773556

Ion Ratio Lower Upper

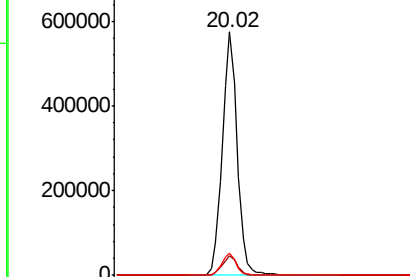
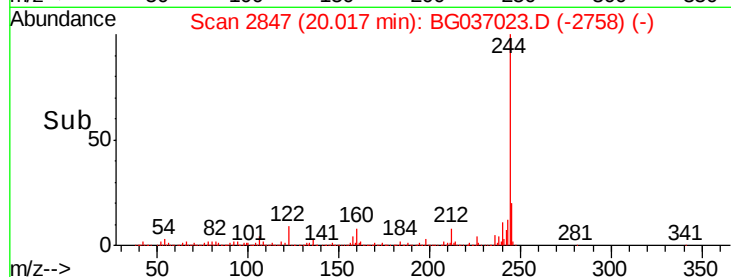
244 100

212 8.2 7.0 10.6

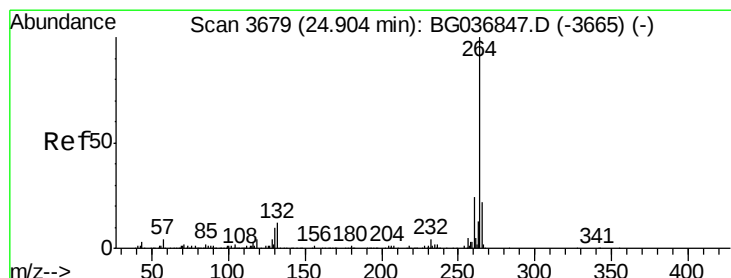
122 9.1 7.1 10.7



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



Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.88 min Scan# 3674

Delta R.T. -0.03 min

Lab File: BG037023.D

Acq: 27 Sep 2018 20:32

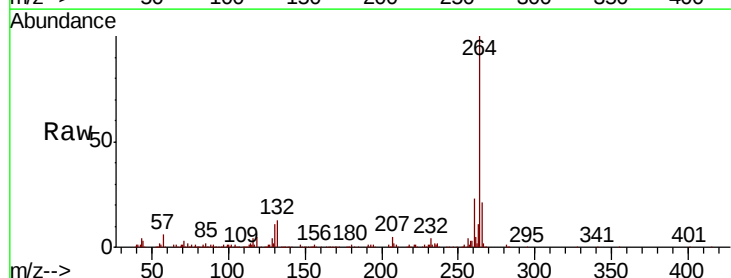
Tgt Ion:264 Resp: 303421

Ion Ratio Lower Upper

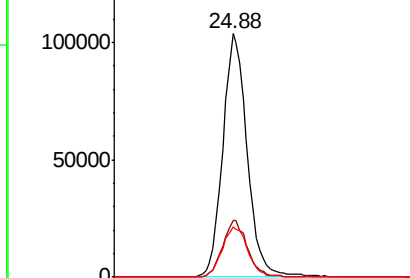
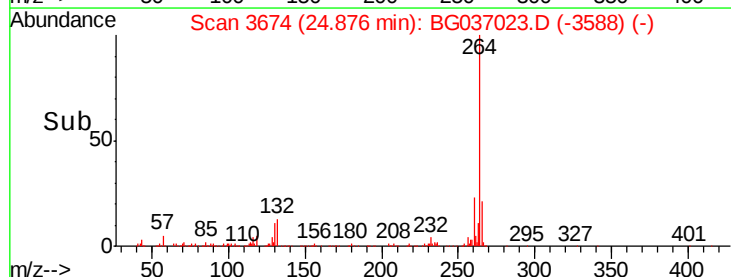
264 100

260 23.3 19.6 29.4

265 20.8 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



Time-->