

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG092718\
 Data File : BG037022.D
 Acq On : 27 Sep 2018 19:53
 Operator : JU/SJ
 Sample : J5097-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Quant Time: Sep 28 04:23:31 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

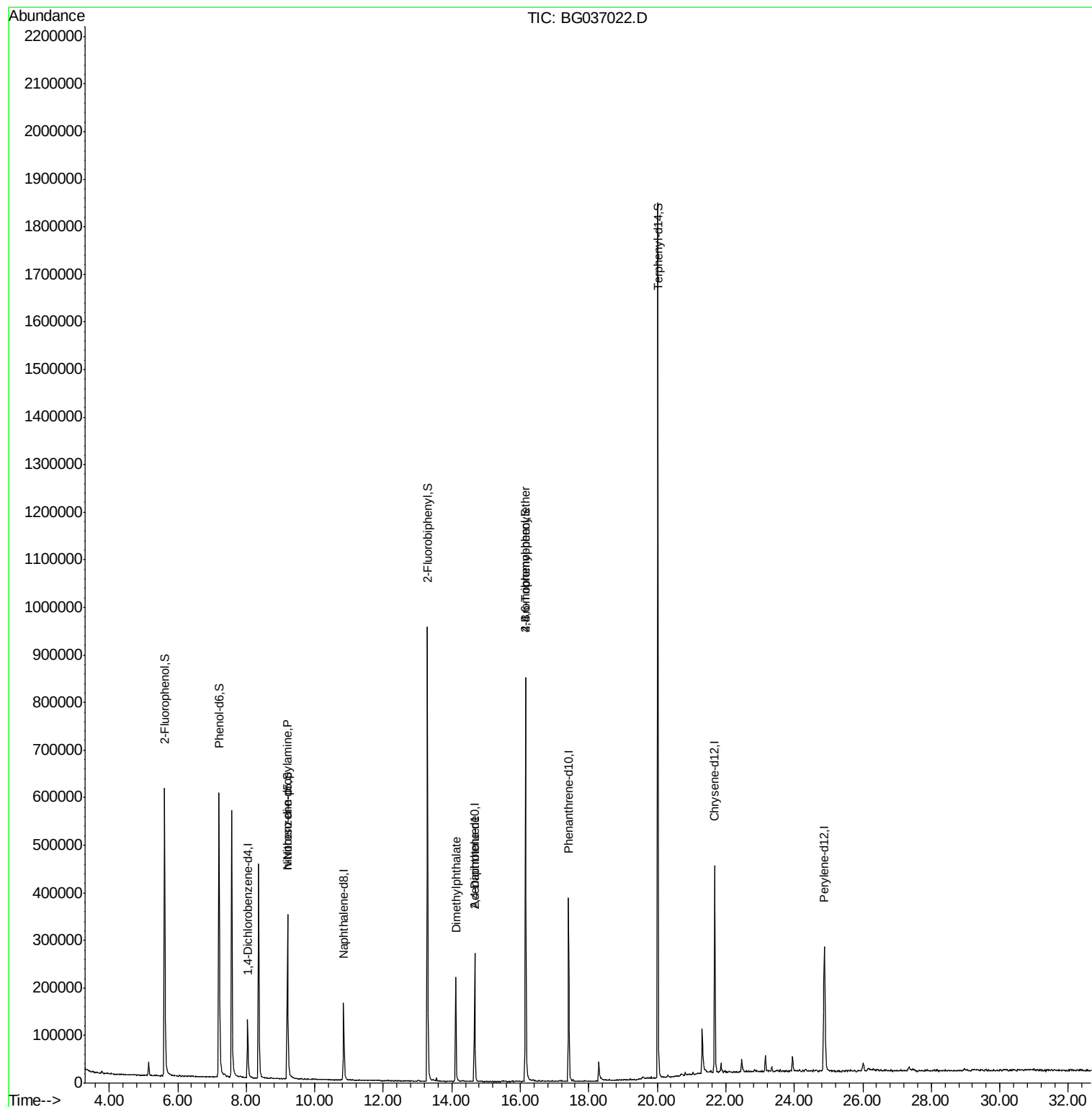
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	38203	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	161036	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	101321	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	268138	20.00	ng	0.00
75) Chrysene-d12	21.68	240	287072	20.00	ng	-0.01
86) Perylene-d12	24.88	264	286444	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	282826	141.98	ng	0.00
7) Phenol-d6	7.20	99	381239	123.70	ng	-0.01
23) Nitrobenzene-d5	9.20	82	257778	85.72	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	160862	132.70	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	531925	78.19	ng	-0.01
78) Terphenyl-d14	20.02	244	926385	84.85	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	34503	13.457	ng	# 73
49) Dimethylphthalate	14.12	163	159713	19.583	ng	100
56) 2,4-Dinitrotoluene	14.66	165	12115	4.879	ng	# 20
66) 4-Bromophenyl-phenylether	16.15	248	11158	3.658	ng	# 1

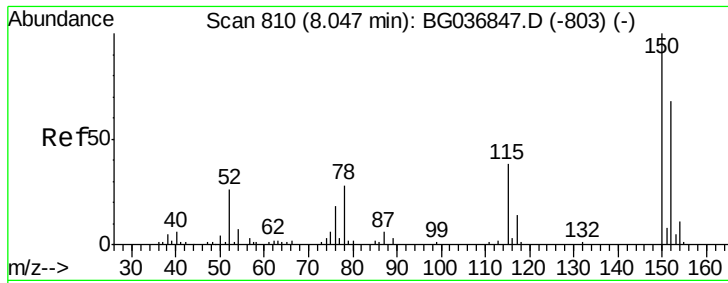
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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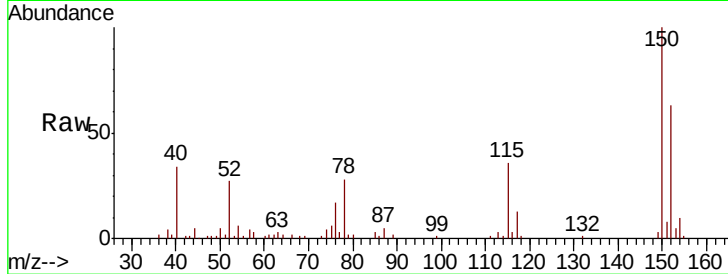


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.01 min
Lab File: BG037022.D
Acq: 27 Sep 2018 19:53

Instrument :
BNA_G
ClientSampled :
TP-1

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.1	119.5	179.3
115	56.9	44.5	66.7

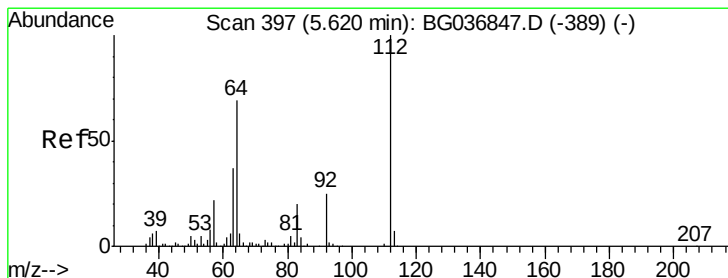
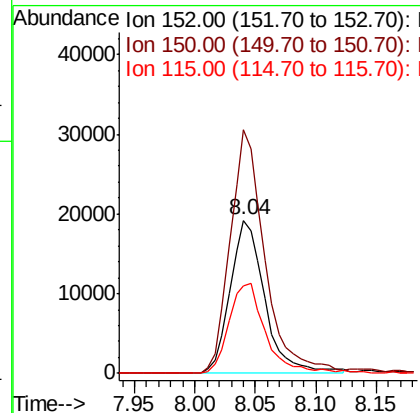
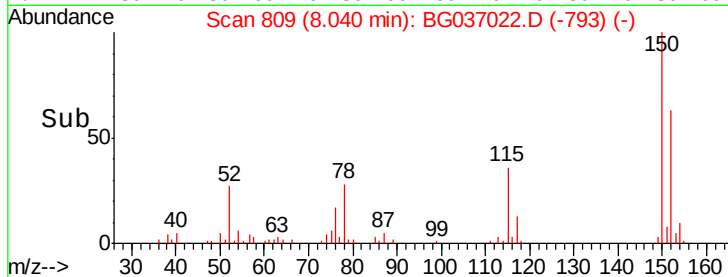


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

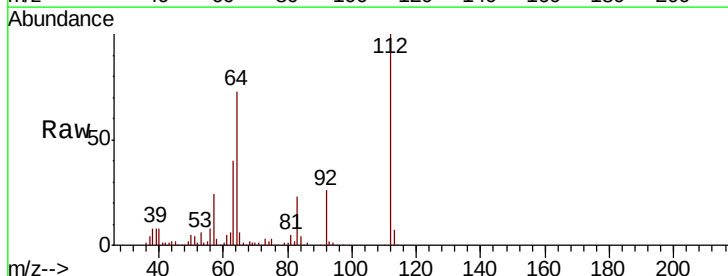
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 141.978 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG037022.D
Acq: 27 Sep 2018 19:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.4	57.2	85.8
63	40.0	30.8	46.2

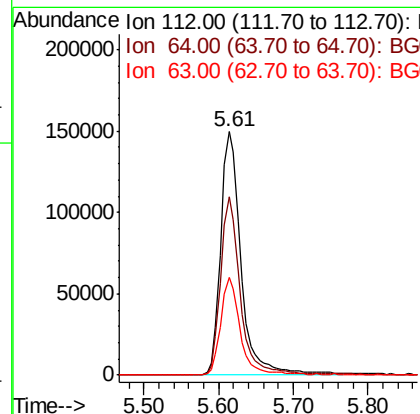
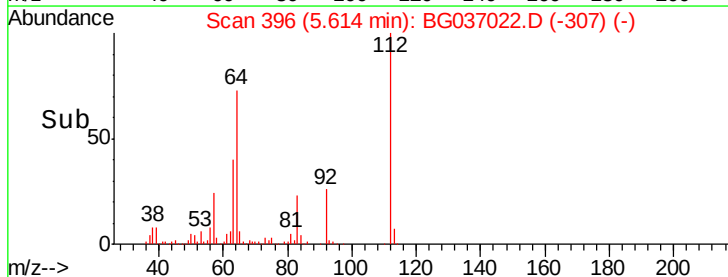


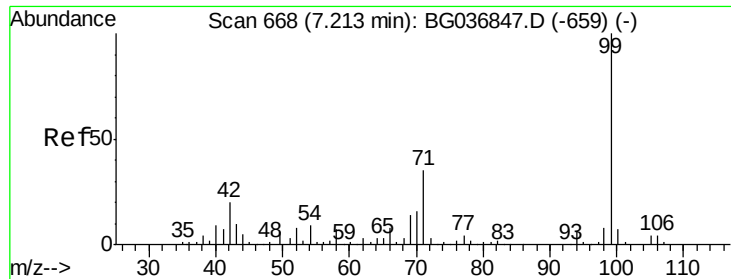
Abundance

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: 123.698 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037022.D

Acq: 27 Sep 2018 19:53

Instrument :

BNA_G

ClientSampleId :

TP-1

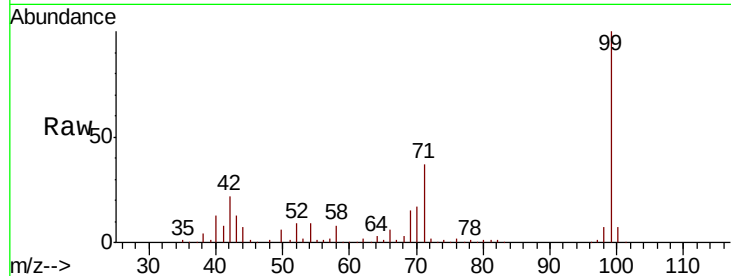
Tgt Ion: 99 Resp: 381239

Ion Ratio Lower Upper

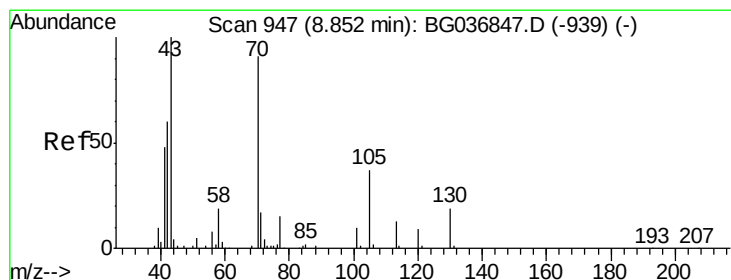
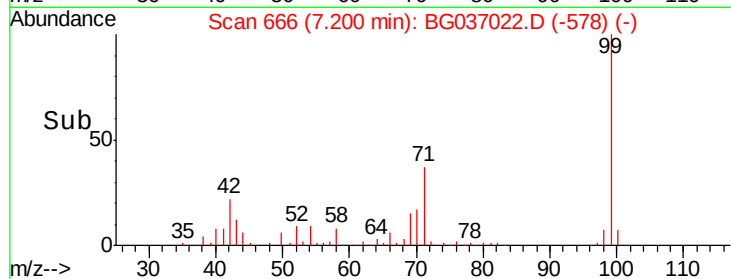
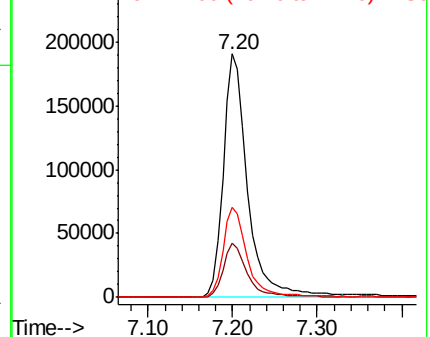
99 100

42 22.3 16.5 24.7

71 37.1 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: 13.457 ng

RT: 9.20 min Scan# 1007

Delta R.T. 0.35 min

Lab File: BG037022.D

Acq: 27 Sep 2018 19:53

Tgt Ion: 70 Resp: 34503

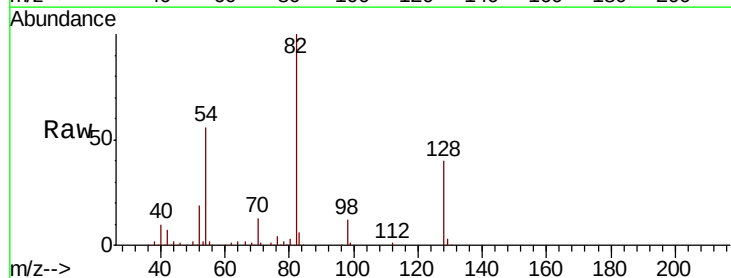
Ion Ratio Lower Upper

70 100

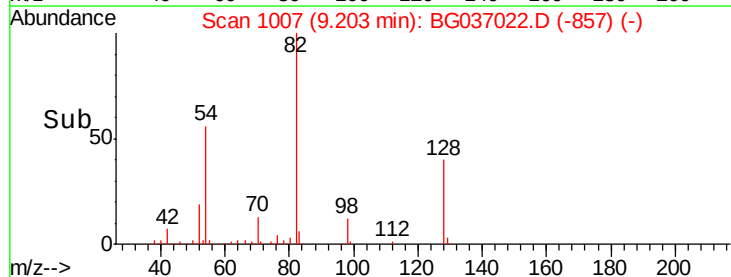
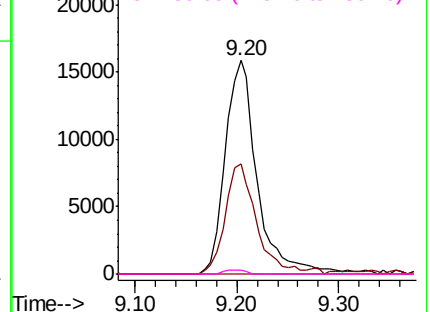
42 51.5 56.2 84.4#

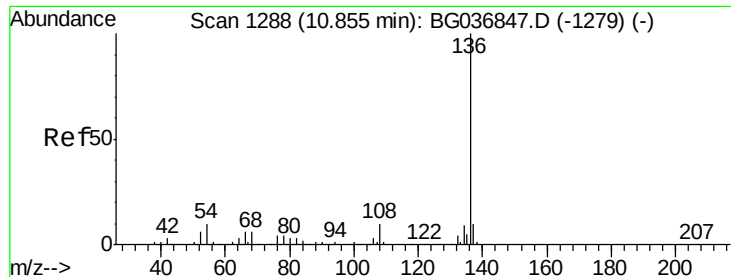
101 0.0 7.8 11.6#

130 1.5 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

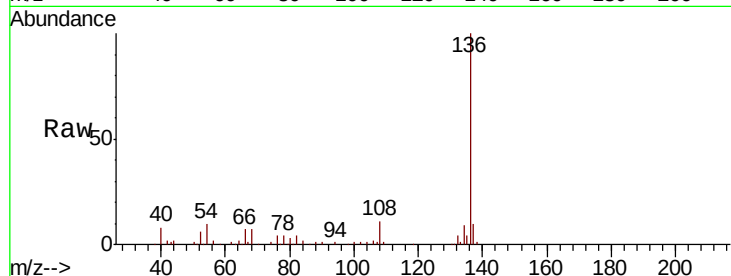




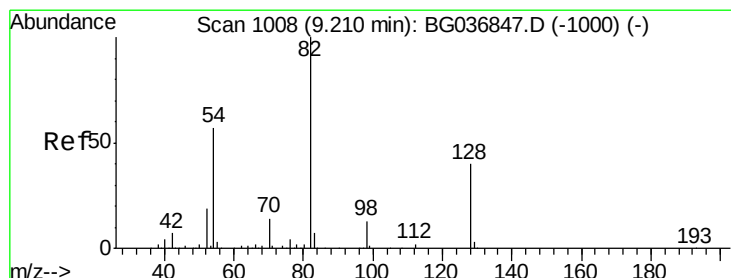
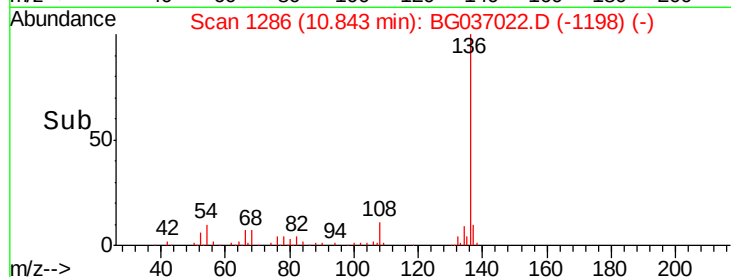
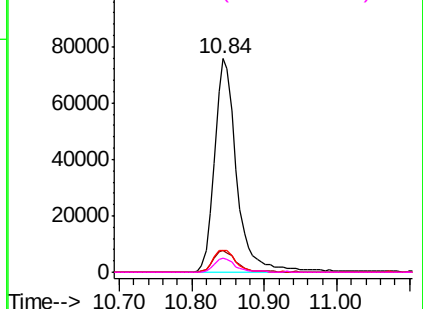
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG037022.D
Acq: 27 Sep 2018 19:53

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:	136	Resp:	161036
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.8	13.2
54	10.3	9.2	13.8
68	6.7	5.8	8.6

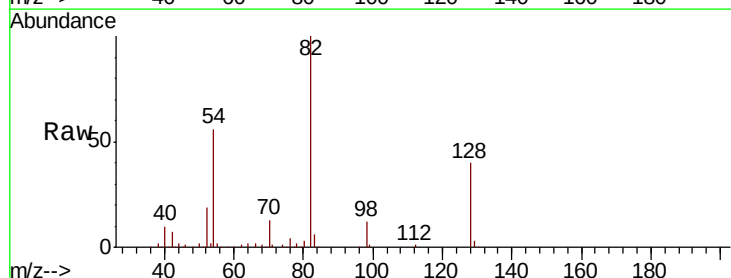


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

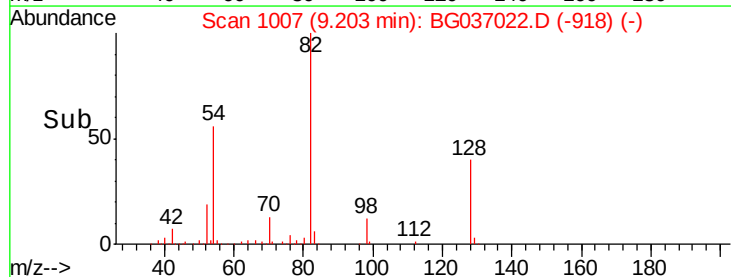
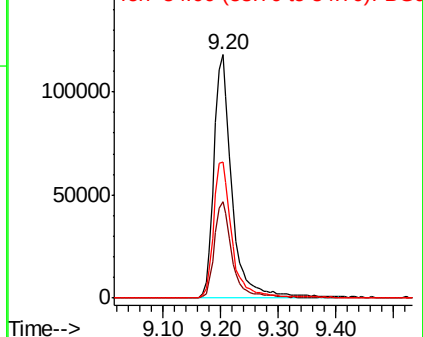


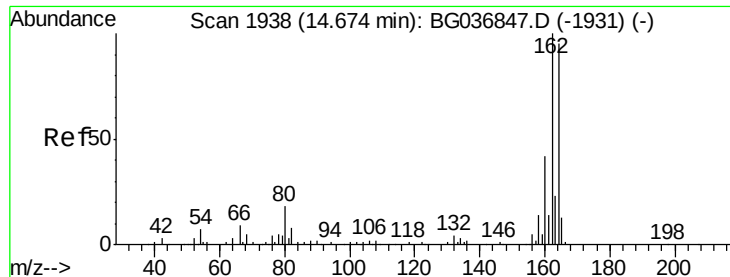
#23
Nitrobenzene-d5
Concen: 85.722 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG037022.D
Acq: 27 Sep 2018 19:53

Tgt Ion:	82	Resp:	257778
Ion	Ratio	Lower	Upper
82	100		
128	39.8	33.3	49.9
54	55.9	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# 1937

Delta R.T. -0.01 min

Lab File: BG037022.D

Acq: 27 Sep 2018 19:53

Instrument :

BNA_G

ClientSampleId :

TP-1

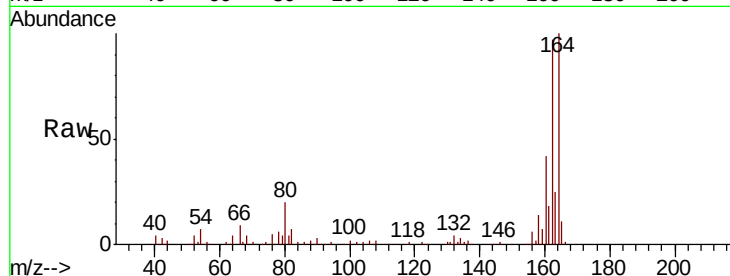
Tgt Ion:164 Resp: 101321

Ion Ratio Lower Upper

164 100

162 97.2 80.7 121.1

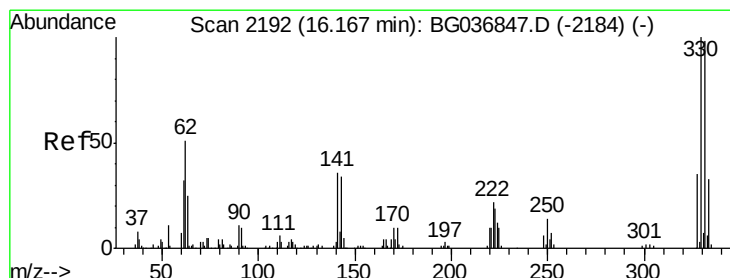
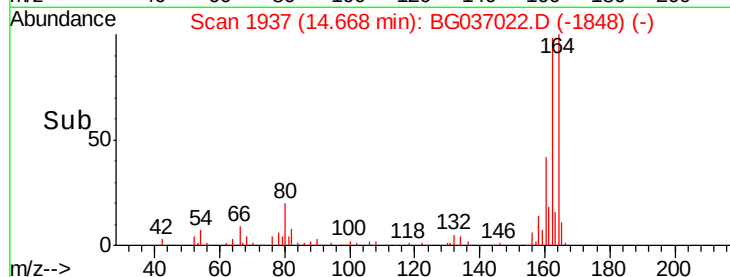
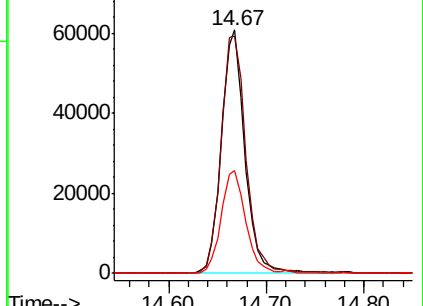
160 42.0 35.3 52.9



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: 132.698 ng

RT: 16.15 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG037022.D

Acq: 27 Sep 2018 19:53

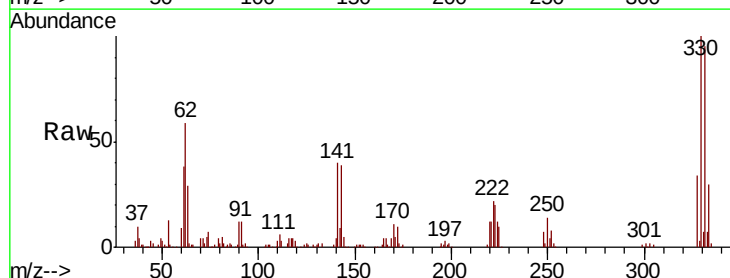
Tgt Ion:330 Resp: 160862

Ion Ratio Lower Upper

330 100

332 94.5 75.4 113.2

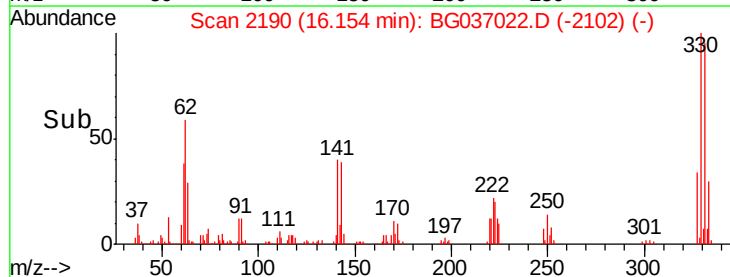
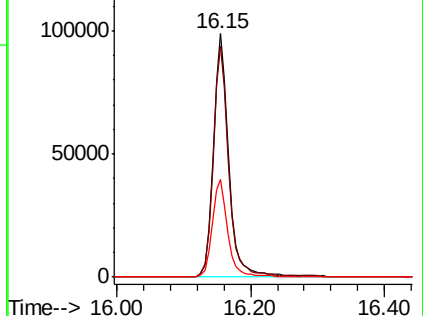
141 40.2 30.7 46.1

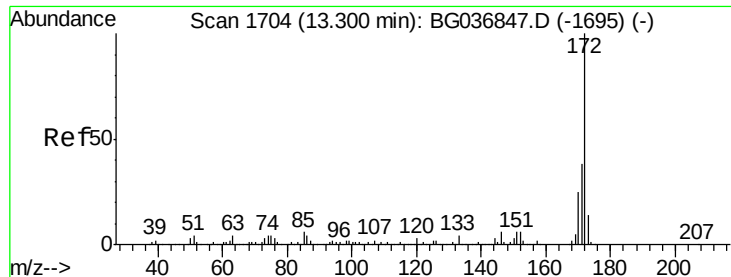


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

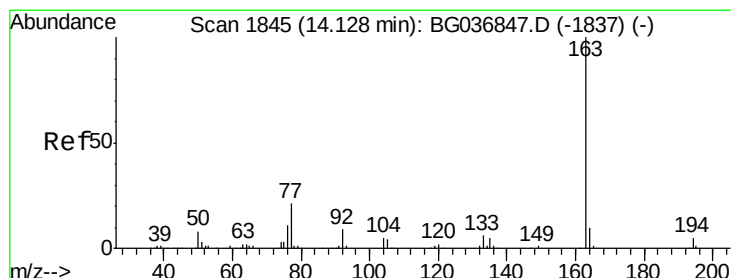
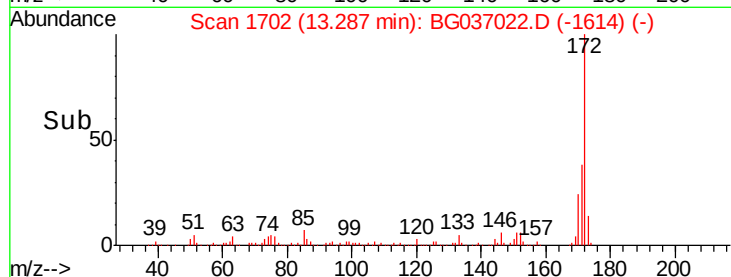
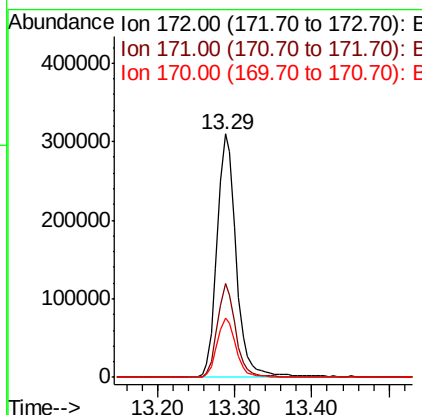
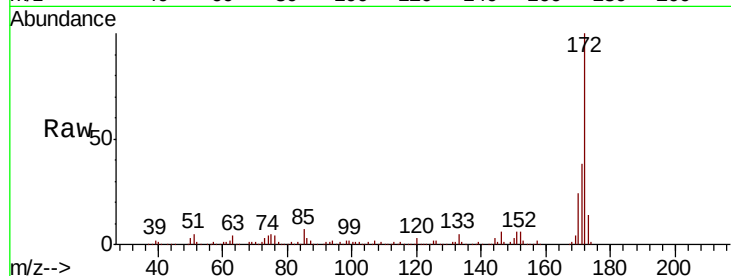




#44
 2-Fluorobiphenyl
 Concen: 78.191 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG037022.D
 Acq: 27 Sep 2018 19:53

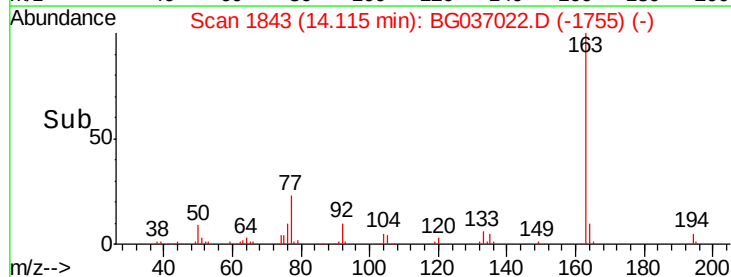
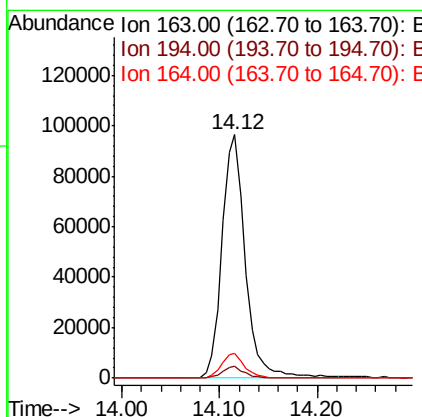
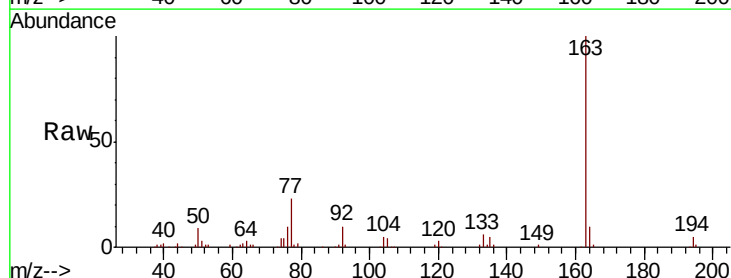
Instrument :
 BNA_G
 ClientSampleId :
 TP-1

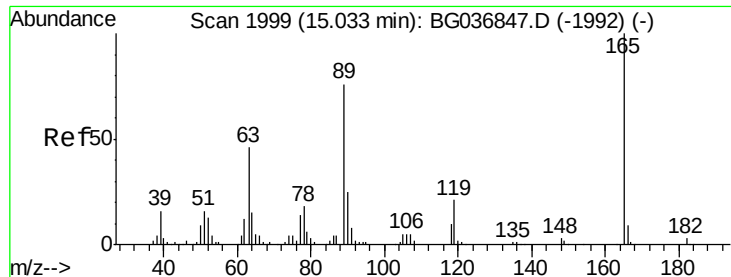
Tgt Ion:	172	Resp:	531925
Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.3	46.9
170	24.3	21.0	31.6



#49
 Dimethylphthalate
 Concen: 19.583 ng
 RT: 14.12 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BG037022.D
 Acq: 27 Sep 2018 19:53

Tgt Ion:	163	Resp:	159713
Ion	Ratio	Lower	Upper
163	100		
194	4.7	4.0	6.0
164	10.1	8.1	12.1

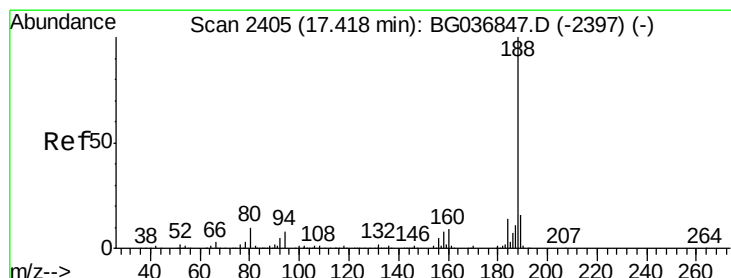
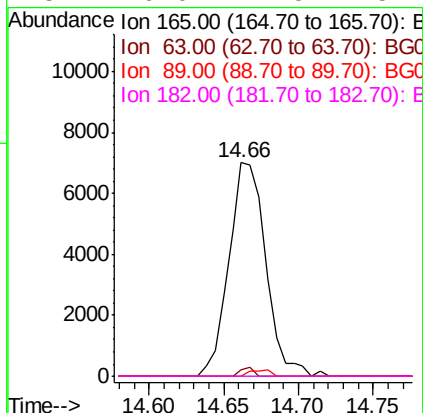
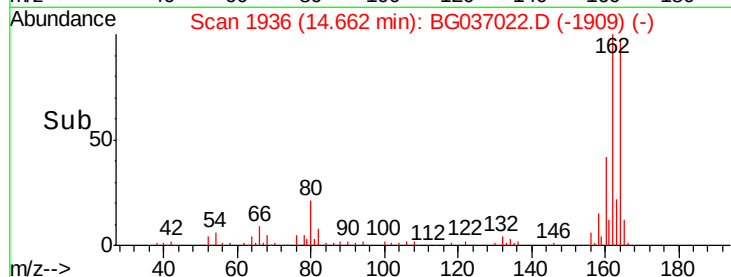
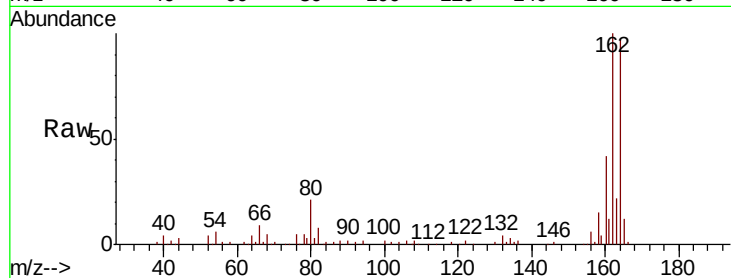




#56
 2,4-Dinitrotoluene
 Concen: 4.879 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. -0.37 min
 Lab File: BG037022.D
 Acq: 27 Sep 2018 19:53

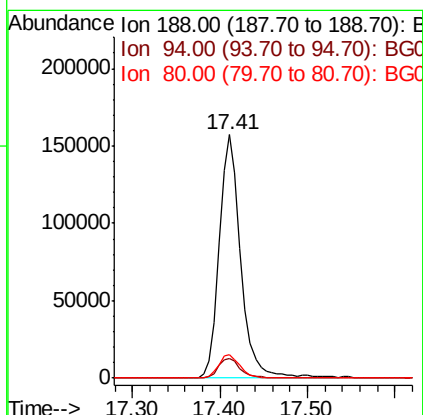
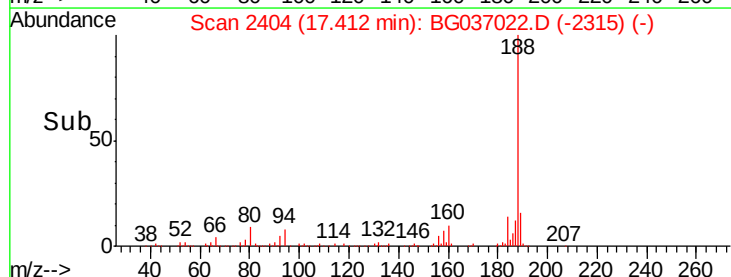
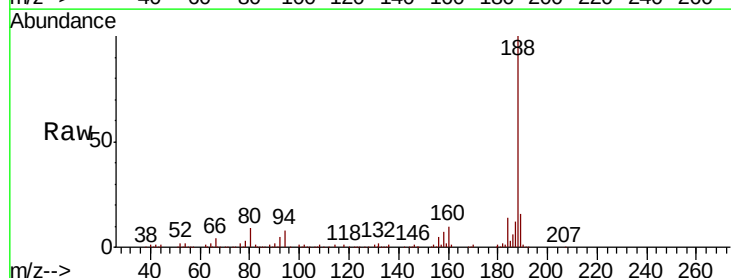
Instrument :
 BNA_G
 ClientSampleId :
 TP-1

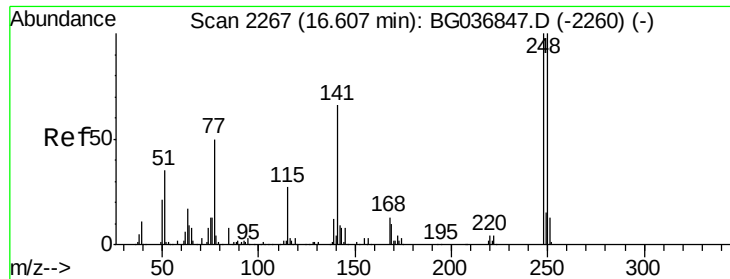
Tgt Ion:	165	Resp:	12115
Ion	Ratio	Lower	Upper
165	100		
63	3.2	40.1	60.1#
89	0.0	63.7	95.5#
182	0.0	2.5	3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2404
 Delta R.T. -0.01 min
 Lab File: BG037022.D
 Acq: 27 Sep 2018 19:53

Tgt Ion:	188	Resp:	268138
Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.7	10.1
80	9.5	8.1	12.1

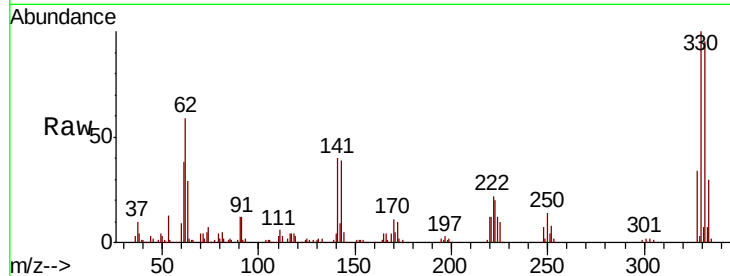




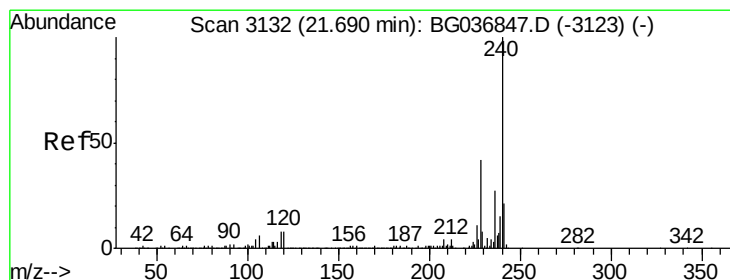
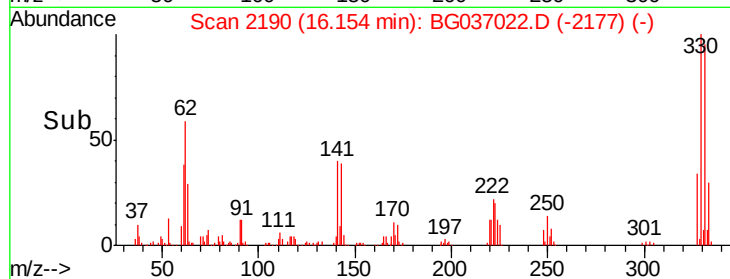
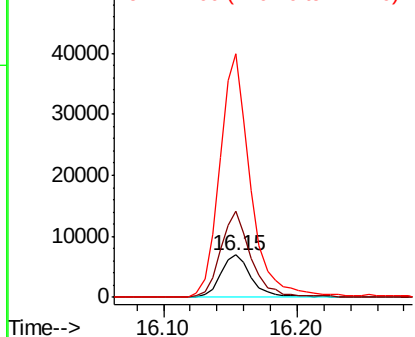
#66
 4-Bromophenyl-phenylether
 Concen: 3.658 ng
 RT: 16.15 min Scan# 2190
 Delta R.T. -0.45 min
 Lab File: BG037022.D
 Acq: 27 Sep 2018 19:53

Instrument :
 BNA_G
 ClientSampled :
 TP-1

Tgt Ion:248 Resp: 11158
 Ion Ratio Lower Upper
 248 100
 250 205.8 78.1 117.1#
 141 578.6 53.7 80.5#

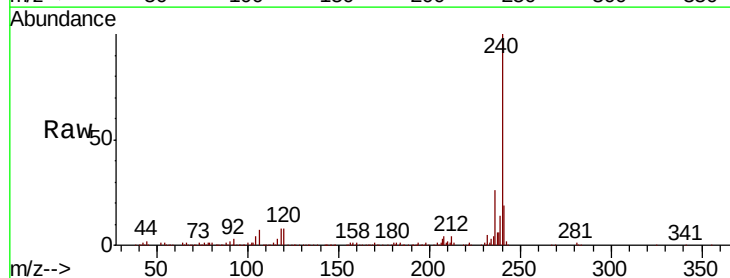


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

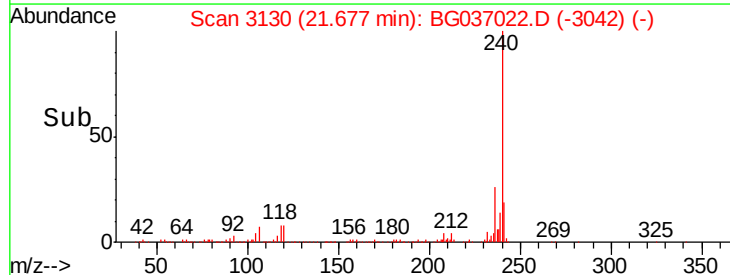
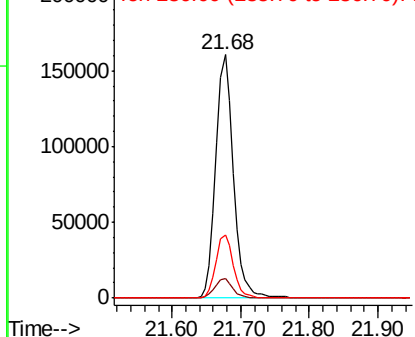


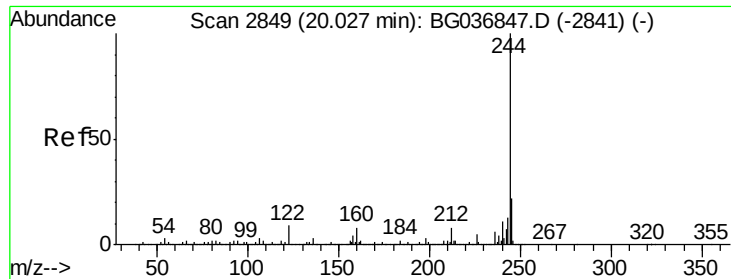
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3130
 Delta R.T. -0.01 min
 Lab File: BG037022.D
 Acq: 27 Sep 2018 19:53

Tgt Ion:240 Resp: 287072
 Ion Ratio Lower Upper
 240 100
 120 8.0 6.9 10.3
 236 26.0 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: 84.854 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG037022.D

Acq: 27 Sep 2018 19:53

Instrument :

BNA_G

ClientSampleId :

TP-1

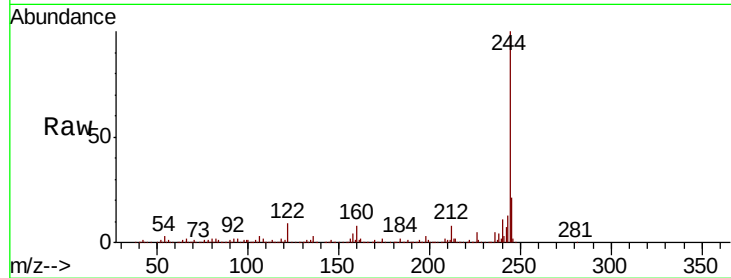
Tgt Ion:244 Resp: 926385

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.6

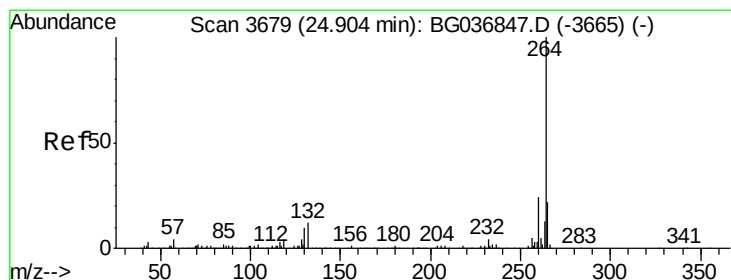
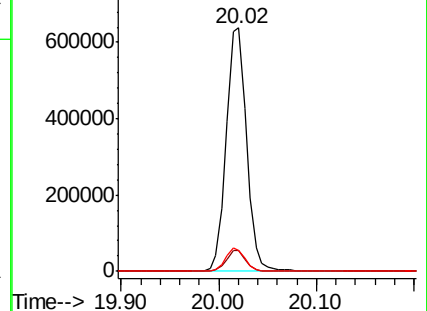
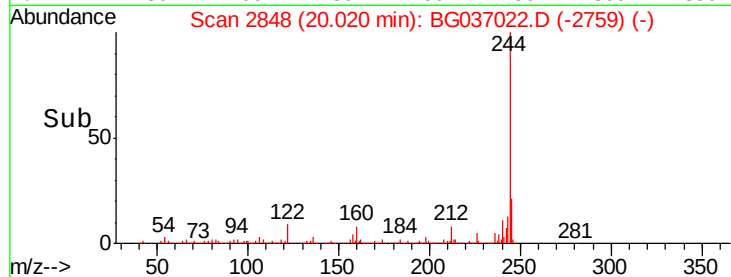
122 8.6 7.1 10.7



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# 3675

Delta R.T. -0.02 min

Lab File: BG037022.D

Acq: 27 Sep 2018 19:53

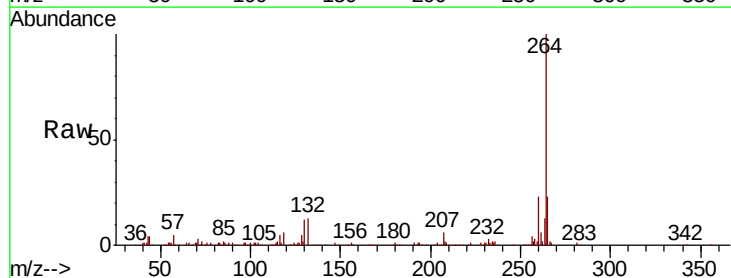
Tgt Ion:264 Resp: 286444

Ion Ratio Lower Upper

264 100

260 23.0 19.6 29.4

265 22.8 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

