

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG092818\
 Data File : BG037073.D
 Acq On : 29 Sep 2018 6:44
 Operator : JU/SJ
 Sample : J4777-34
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-092718-A

Quant Time: Oct 01 02:16:58 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

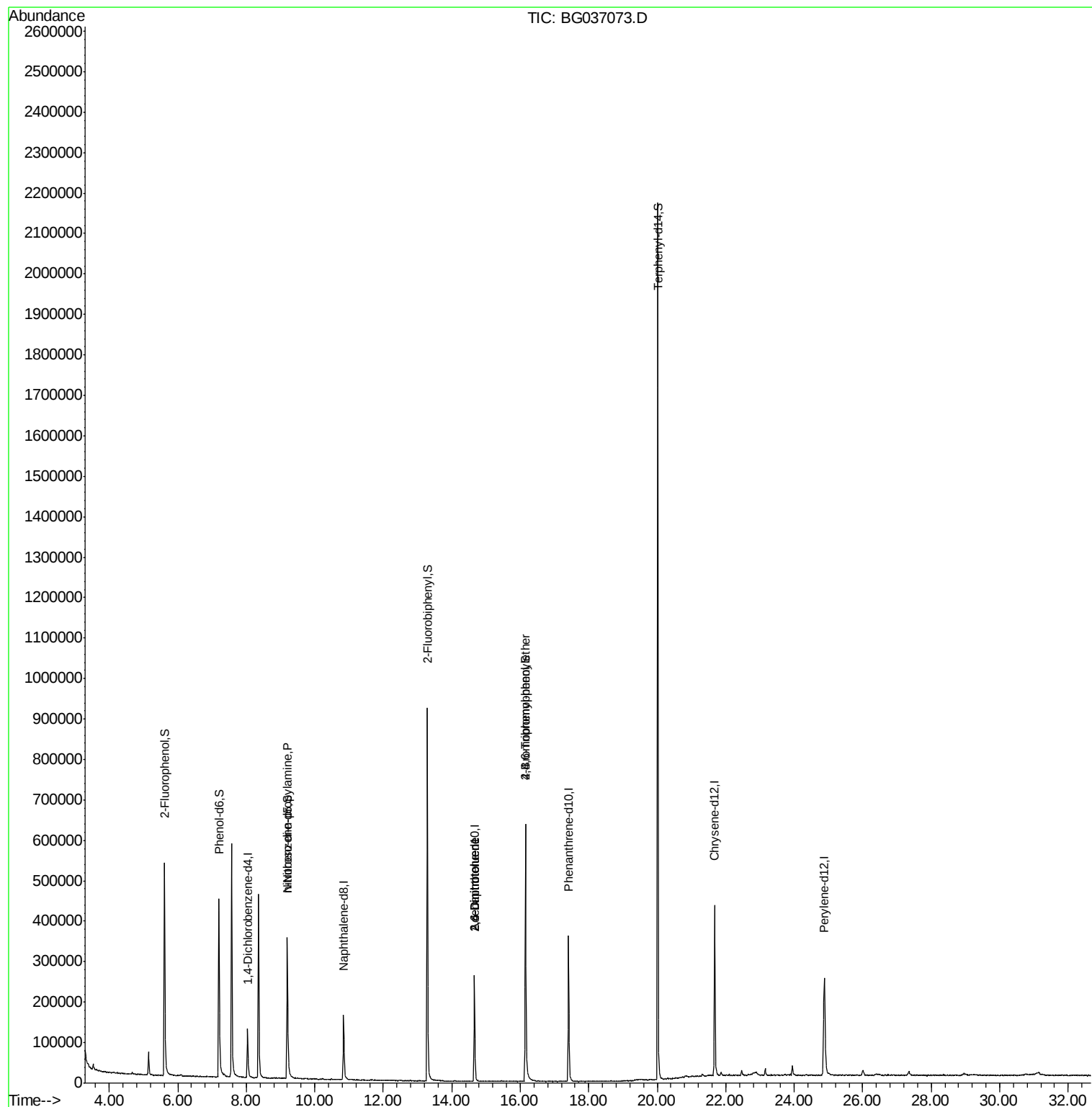
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	40342	20.00	ng	-0.01
21) Naphthalene-d8	10.84	136	166107	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	102109	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	267614	20.00	ng	0.00
75) Chrysene-d12	21.67	240	304029	20.00	ng	-0.02
86) Perylene-d12	24.88	264	293658	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	250343	119.01	ng	0.00
7) Phenol-d6	7.20	99	298300	91.66	ng	-0.01
23) Nitrobenzene-d5	9.20	82	268136	86.44	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	142563	116.70	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	535844	78.16	ng	-0.01
78) Terphenyl-d14	20.02	244	1051579	90.95	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	34008	12.561	ng	# 75
50) 2,6-Dinitrotoluene	14.66	165	13206	7.364	ng	# 20
56) 2,4-Dinitrotoluene	14.66	165	13205	5.277	ng	# 18
66) 4-Bromophenyl-phenylether	16.16	248	10117	3.324	ng	# 1

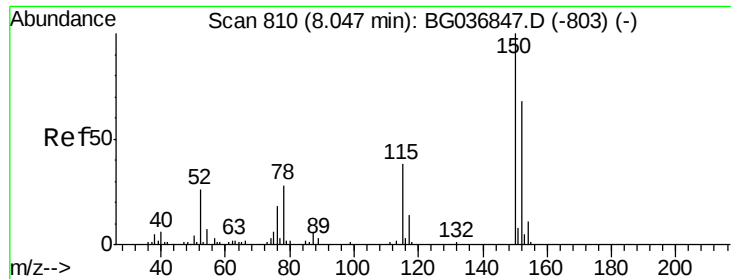
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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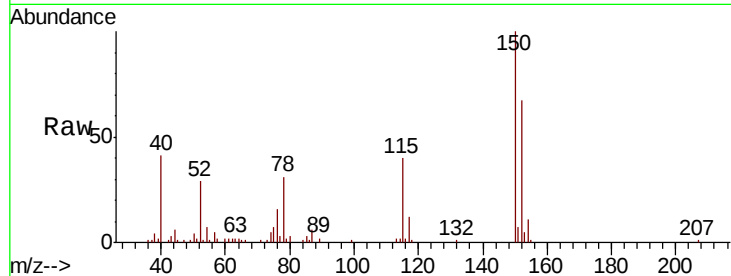


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.04 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BG037073.D
 Acq: 29 Sep 2018 6:44

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-092718-A

Tgt Ion	Ratio	Lower	Upper
152	100		
150	148.5	119.5	179.3
115	60.0	44.5	66.7

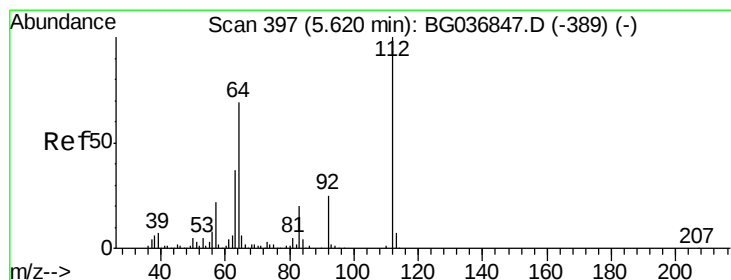
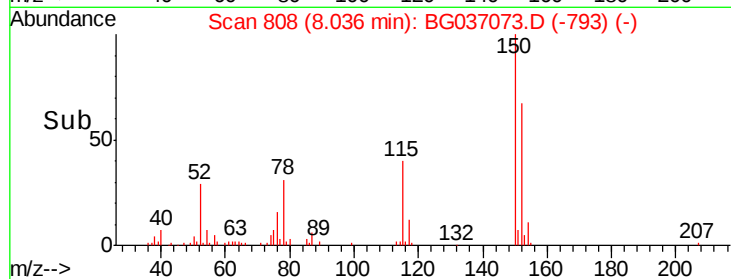
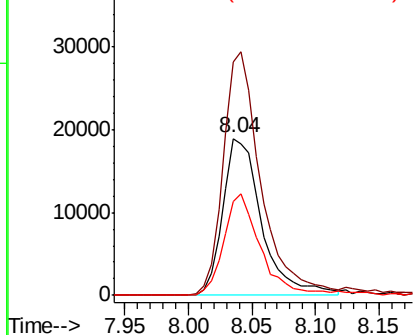


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

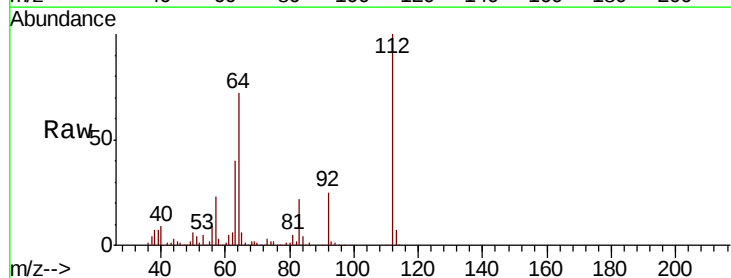
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 119.008 ng
 RT: 5.61 min Scan# 396
 Delta R.T. -0.01 min
 Lab File: BG037073.D
 Acq: 29 Sep 2018 6:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.6	57.2	85.8
63	40.2	30.8	46.2

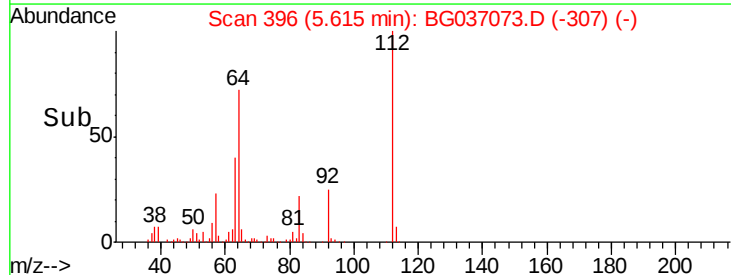
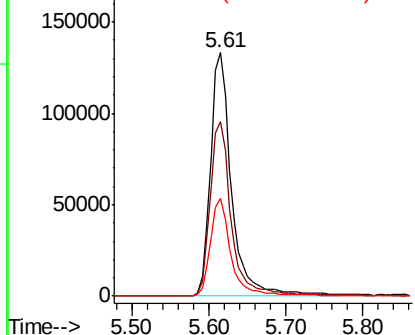


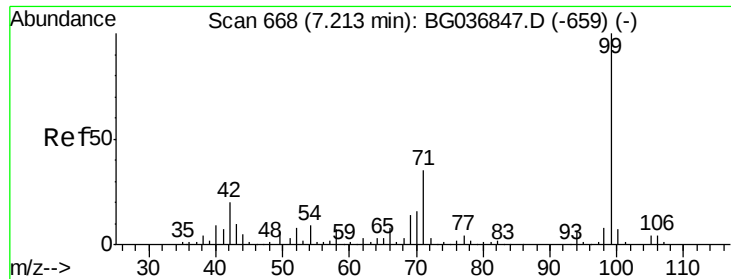
Abundance

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: 91.655 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037073.D

Acq: 29 Sep 2018 6:44

Instrument :

BNA_G

ClientSampleId :

PL-01-092718-A

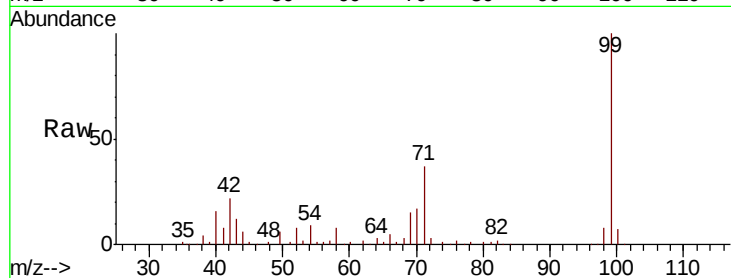
Tgt Ion: 99 Resp: 298300

Ion Ratio Lower Upper

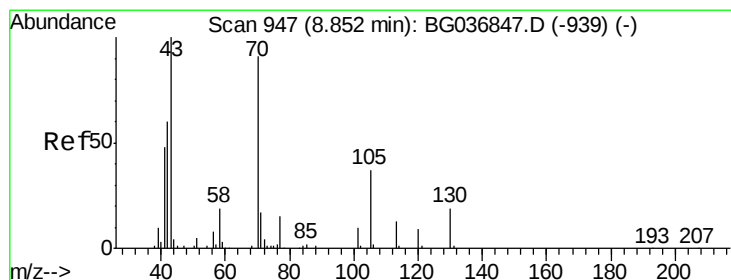
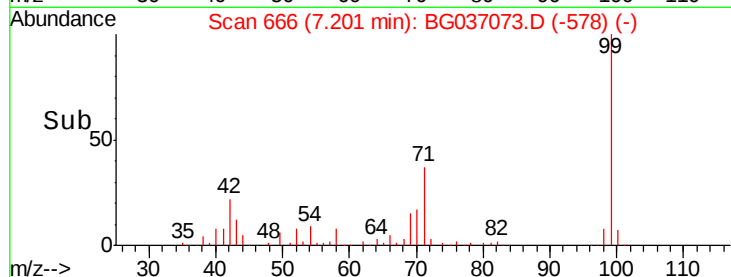
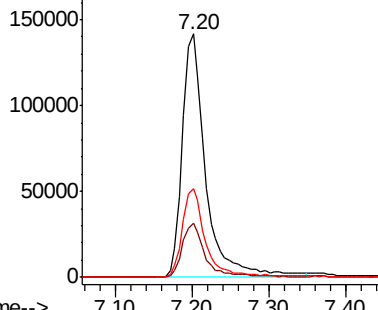
99 100

42 22.1 16.5 24.7

71 36.7 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: 12.561 ng

RT: 9.20 min Scan# 1006

Delta R.T. 0.35 min

Lab File: BG037073.D

Acq: 29 Sep 2018 6:44

Tgt Ion: 70 Resp: 34008

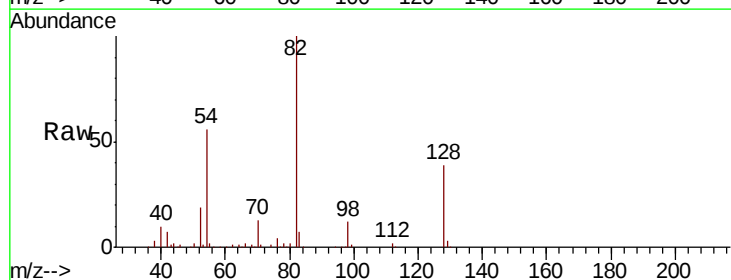
Ion Ratio Lower Upper

70 100

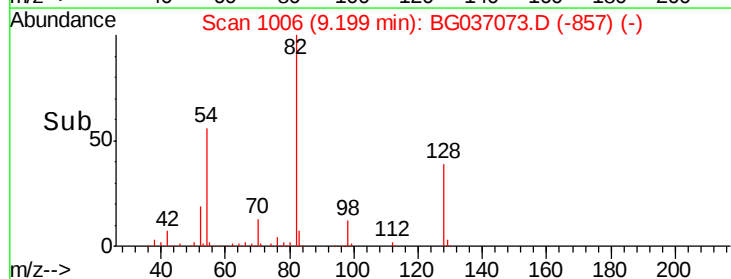
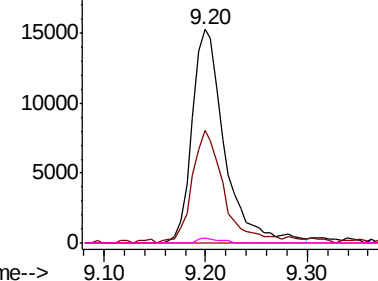
42 52.7 56.2 84.4#

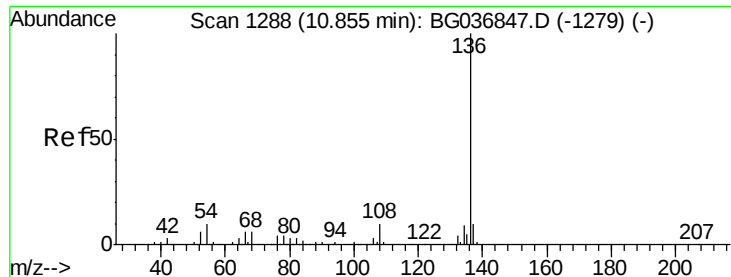
101 0.0 7.8 11.6#

130 2.5 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: BG037073.D

Acq: 29 Sep 2018 6:44

Instrument :

BNA_G

ClientSampleId :

PL-01-092718-A

Tgt Ion: 136 Resp: 166107

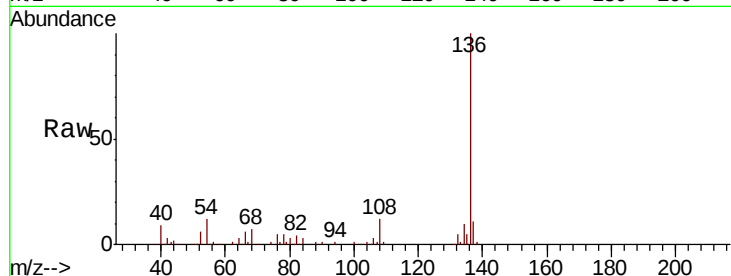
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 12.3 9.2 13.8

68 7.0 5.8 8.6

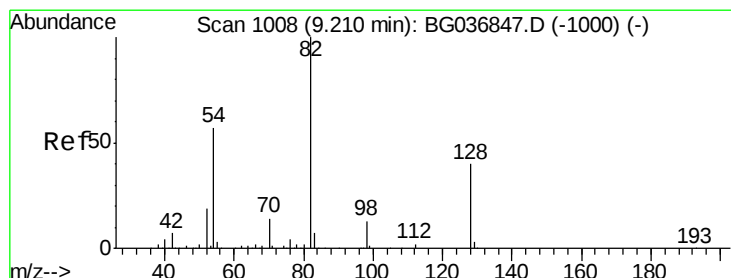
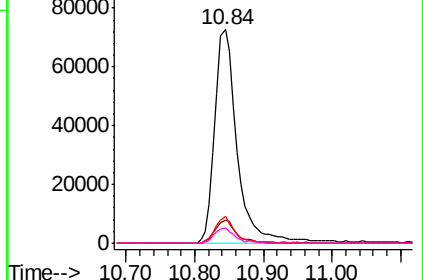
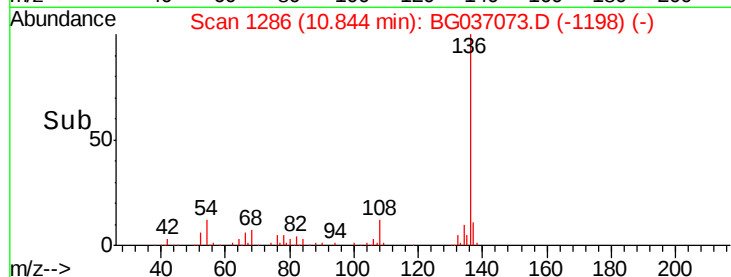


Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.444 ng

RT: 9.20 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BG037073.D

Acq: 29 Sep 2018 6:44

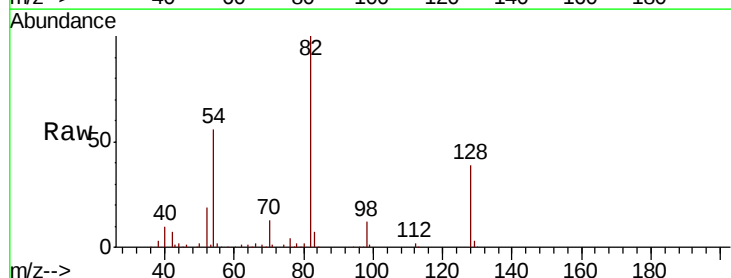
Tgt Ion: 82 Resp: 268136

Ion Ratio Lower Upper

82 100

128 39.0 33.3 49.9

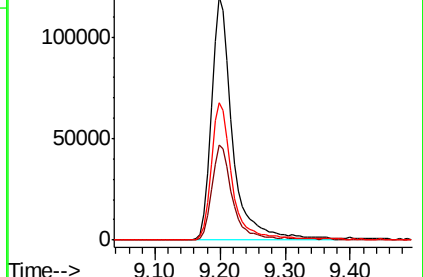
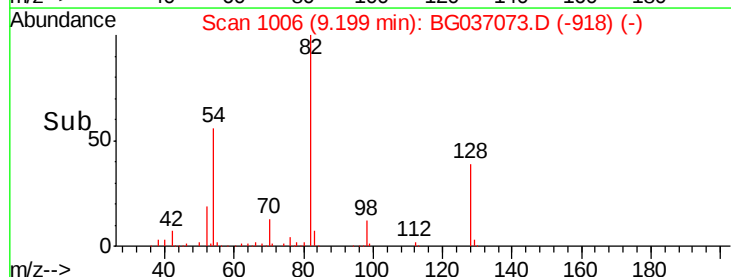
54 56.5 45.1 67.7

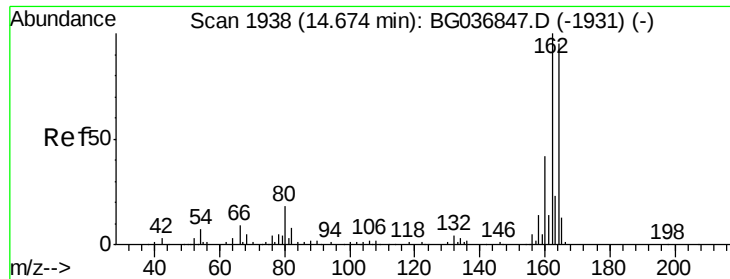


Abundance Ion 82.00 (81.70 to 82.70): BGC

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: BG037073.D

Acq: 29 Sep 2018 6:44

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BNA_G

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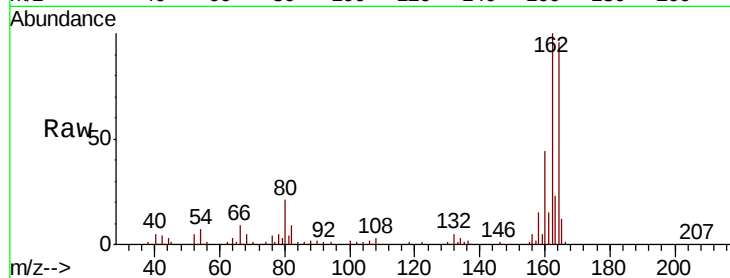
Tgt Ion:164 Resp: 102109

Ion Ratio Lower Upper

164 100

162 104.3 80.7 121.1

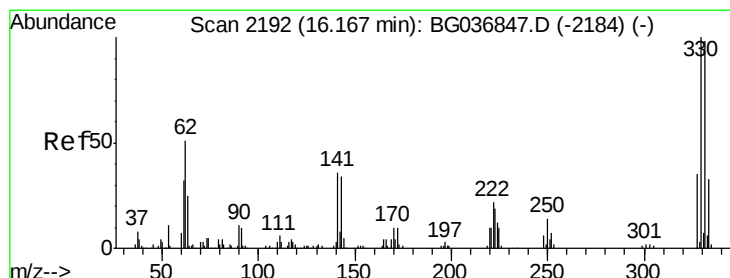
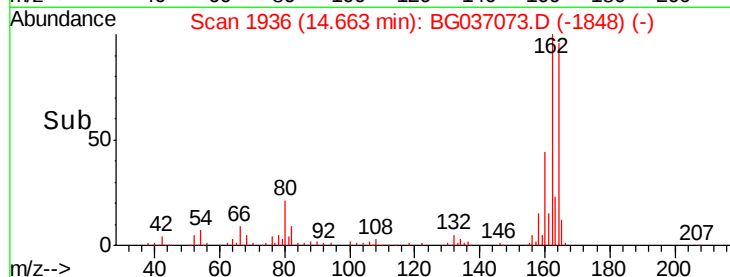
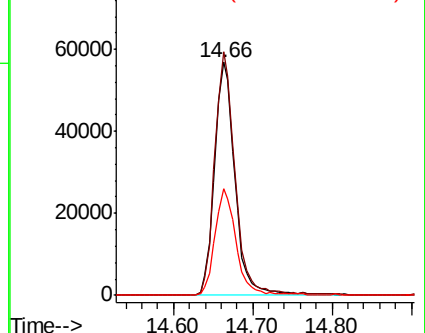
160 45.7 35.3 52.9



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: 116.695 ng

RT: 16.16 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG037073.D

Acq: 29 Sep 2018 6:44

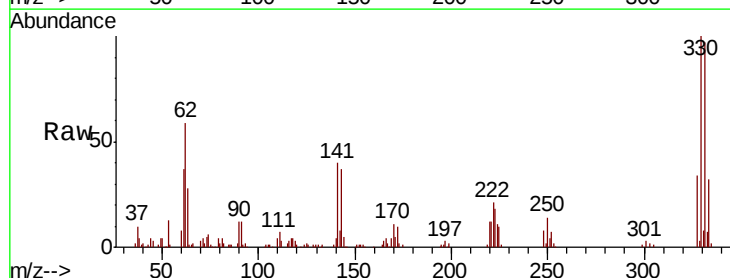
Tgt Ion:330 Resp: 142563

Ion Ratio Lower Upper

330 100

332 93.0 75.4 113.2

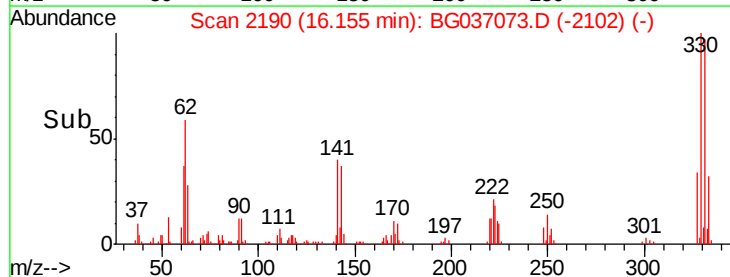
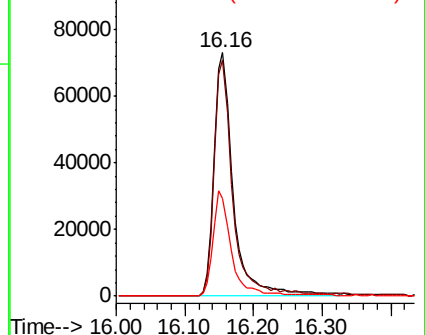
141 40.6 30.7 46.1

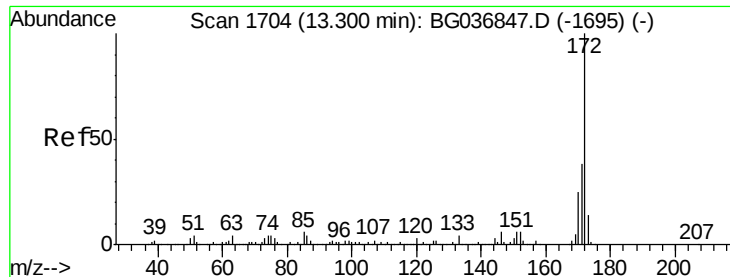


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

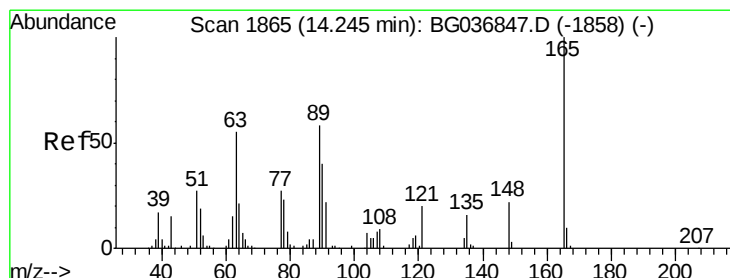
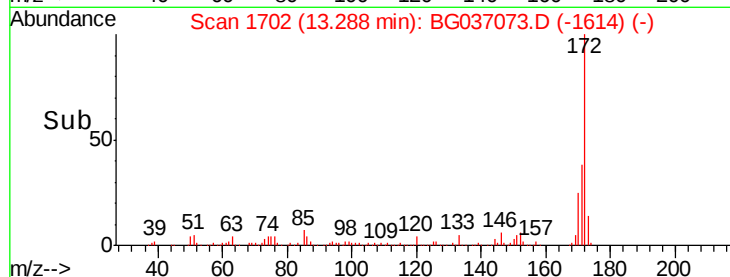
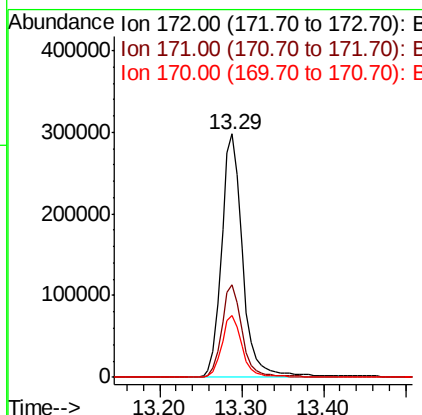
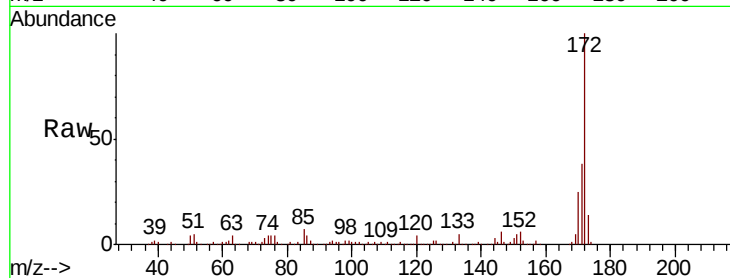




#44
 2-Fluorobiphenyl
 Concen: 78.160 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG037073.D
 Acq: 29 Sep 2018 6:44

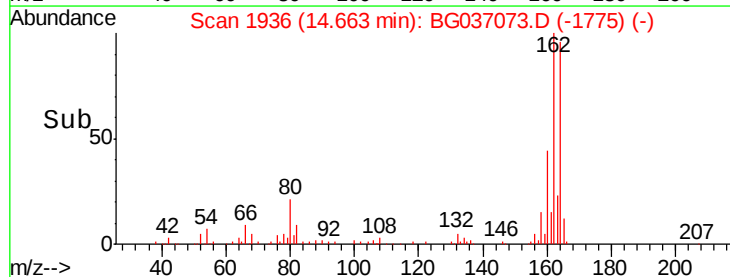
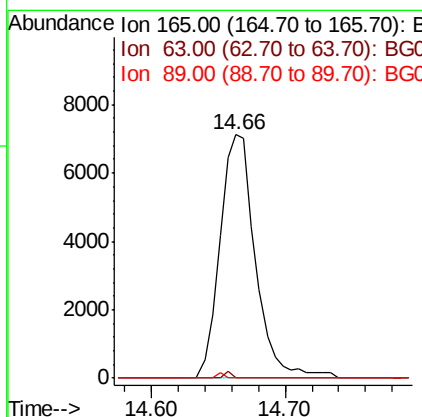
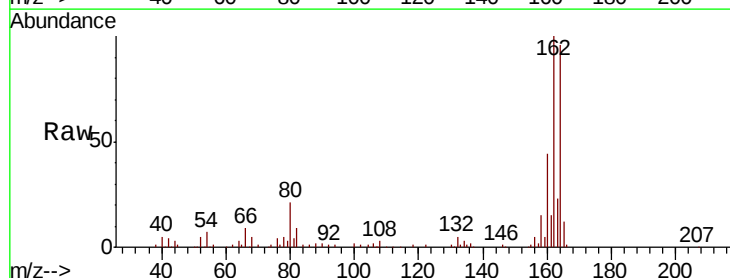
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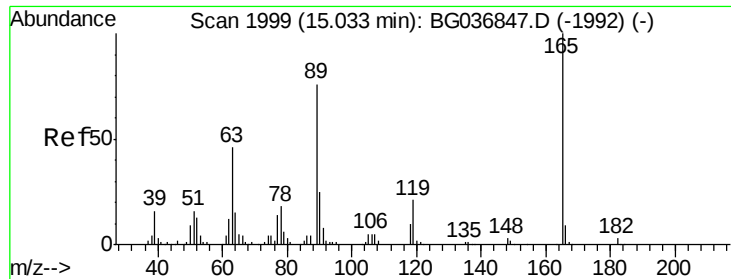
Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.3	46.9
170	25.5	21.0	31.6



#50
 2,6-Dinitrotoluene
 Concen: 7.364 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. 0.42 min
 Lab File: BG037073.D
 Acq: 29 Sep 2018 6:44

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	50.1	75.1#
89	0.0	47.8	71.6#

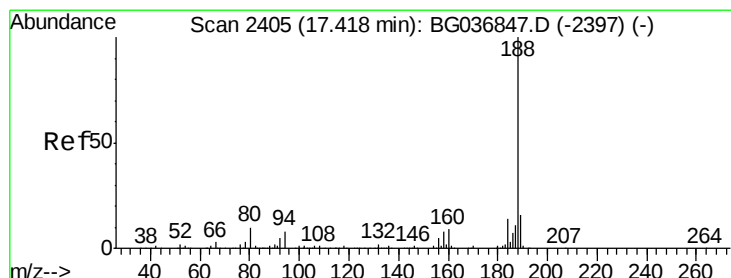
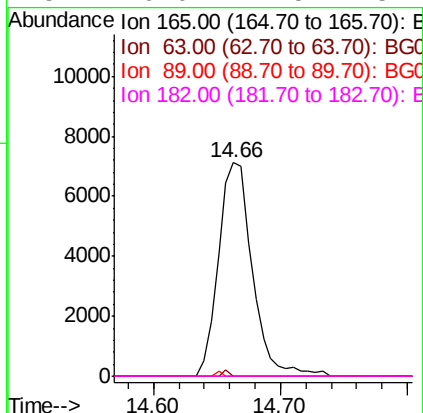
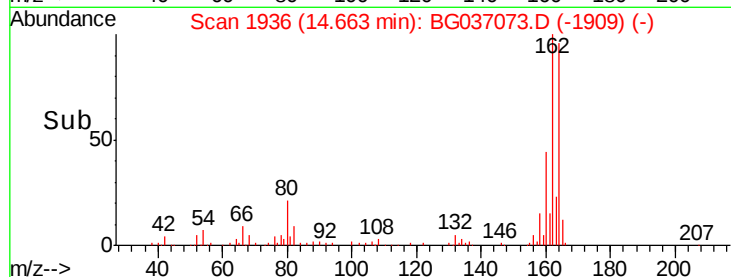
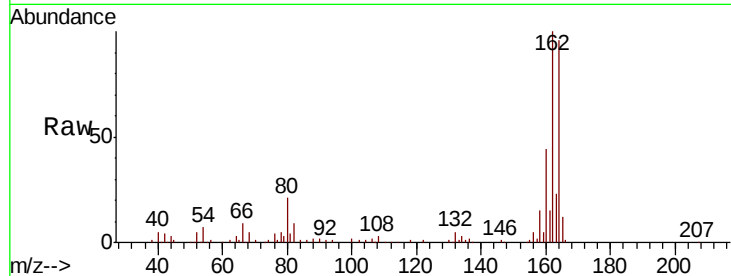




#56
 2,4-Dinitrotoluene
 Concen: 5.277 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. -0.37 min
 Lab File: BG037073.D
 Acq: 29 Sep 2018 6:44

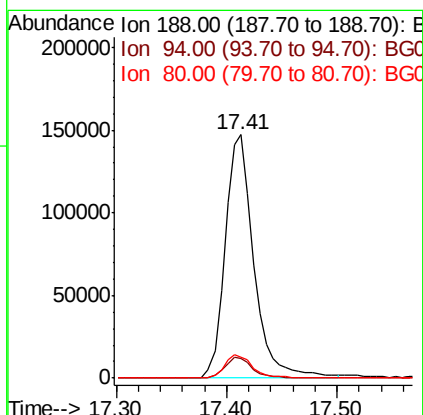
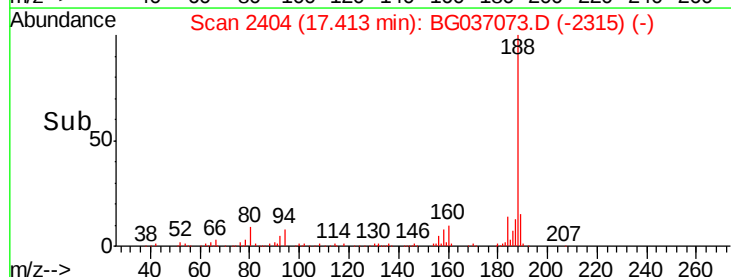
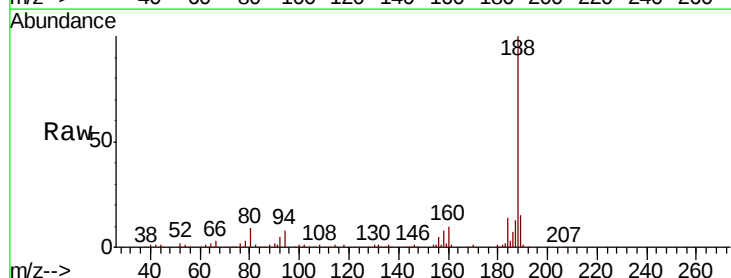
Instrument :
 BNA_G
 ClientSampleId :
 PL-01-092718-A

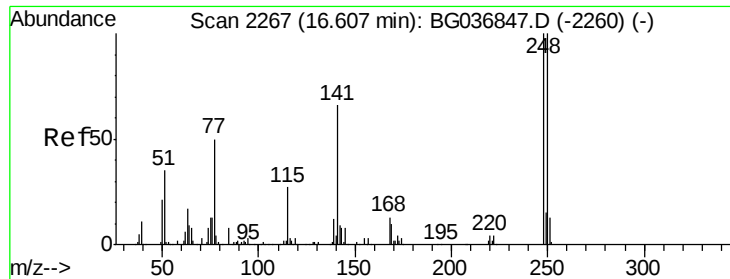
Tgt Ion:	165	Resp:	13205
Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.1	60.1#
89	0.0	63.7	95.5#
182	0.0	2.5	3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2404
 Delta R.T. -0.01 min
 Lab File: BG037073.D
 Acq: 29 Sep 2018 6:44

Tgt Ion:	188	Resp:	267614
Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.7	10.1
80	8.8	8.1	12.1

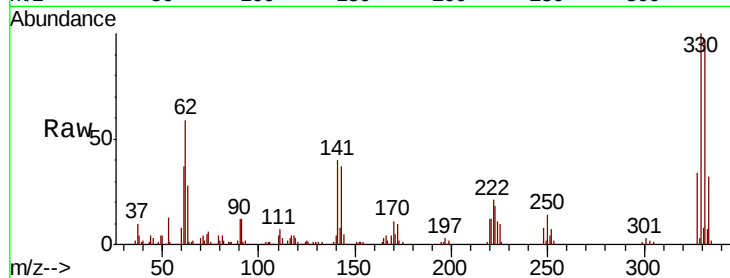




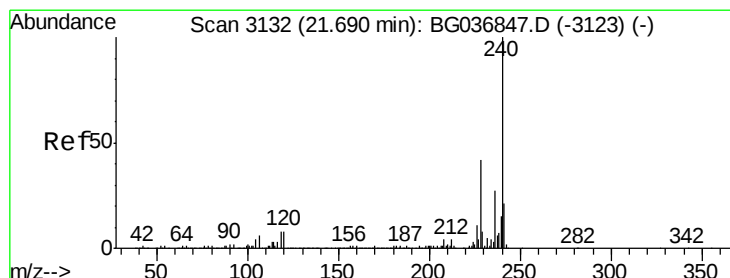
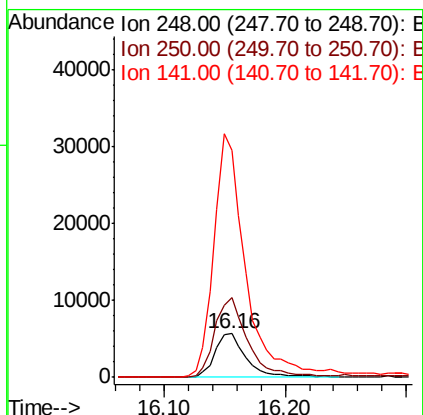
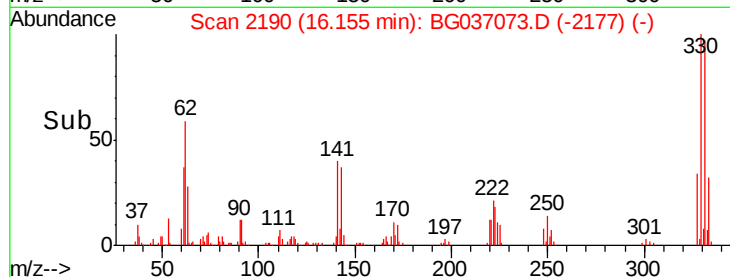
#66
 4-Bromophenyl-phenylether
 Concen: 3.324 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.45 min
 Lab File: BG037073.D
 Acq: 29 Sep 2018 6:44

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-092718-A

Tgt Ion:248 Resp: 10117
 Ion Ratio Lower Upper
 248 100
 250 183.5 78.1 117.1#
 141 518.7 53.7 80.5#

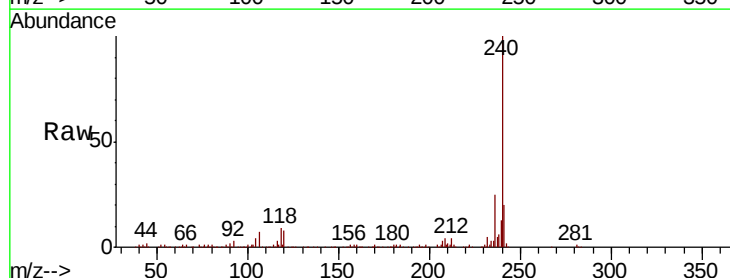


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

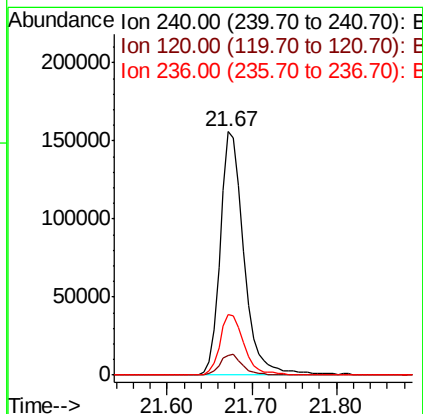
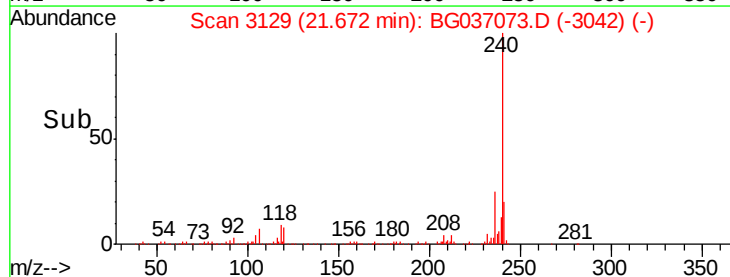


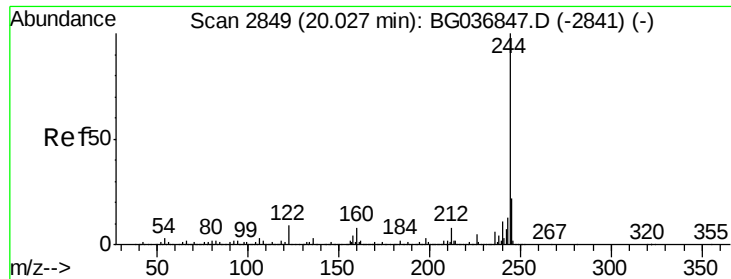
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.67 min Scan# 3129
 Delta R.T. -0.02 min
 Lab File: BG037073.D
 Acq: 29 Sep 2018 6:44

Tgt Ion:240 Resp: 304029
 Ion Ratio Lower Upper
 240 100
 120 7.9 6.9 10.3
 236 25.0 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: 90.949 ng

RT: 20.02 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG037073.D

Acq: 29 Sep 2018 6:44

Instrument :

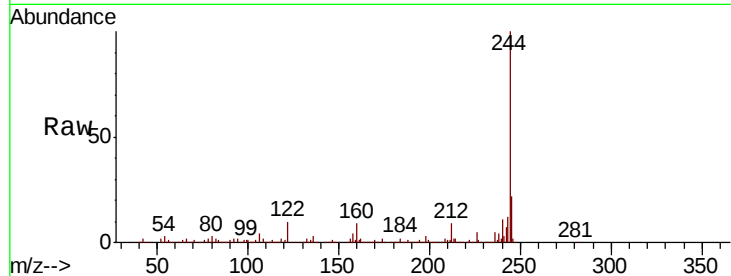
BNA_G

ClientSampleId :

PL-01-092718-A

Tgt Ion:244 Resp: 1051579

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.0	10.6
122	9.6	7.1	10.7

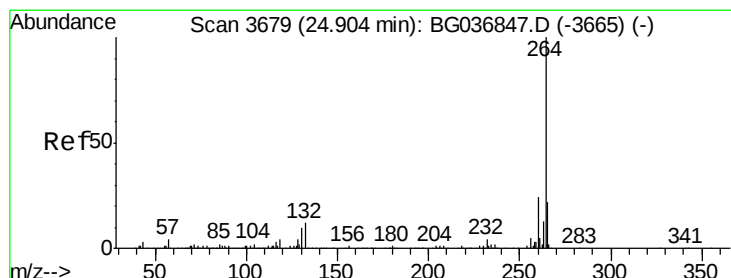
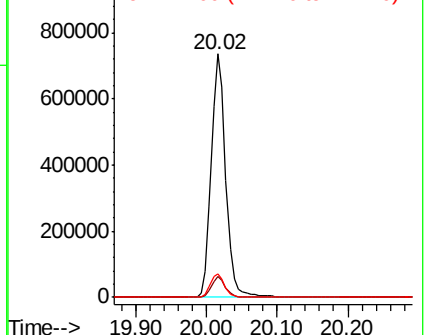
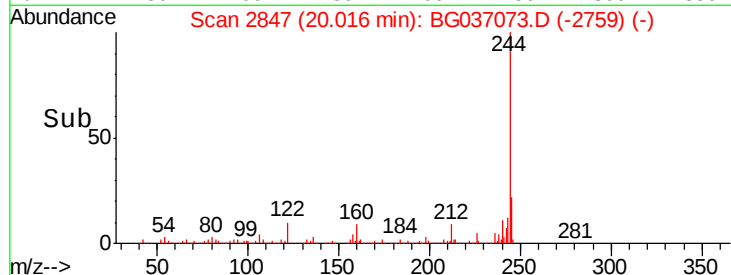


Abundance

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# 3675

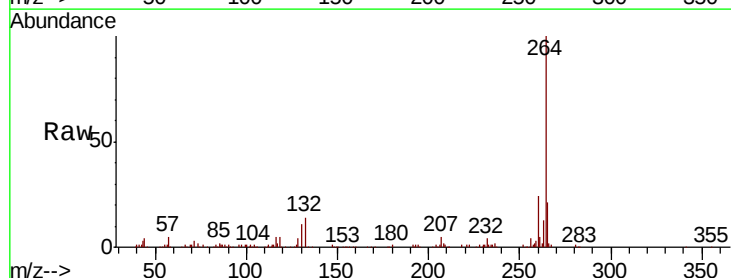
Delta R.T. -0.02 min

Lab File: BG037073.D

Acq: 29 Sep 2018 6:44

Tgt Ion:264 Resp: 293658

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.6	29.4
265	21.3	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

