

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100618\
 Data File : BG037206.D
 Acq On : 6 Oct 2018 2:12
 Operator : JU/SJ
 Sample : PB113493BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113493BL

Quant Time: Oct 06 05:09:15 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

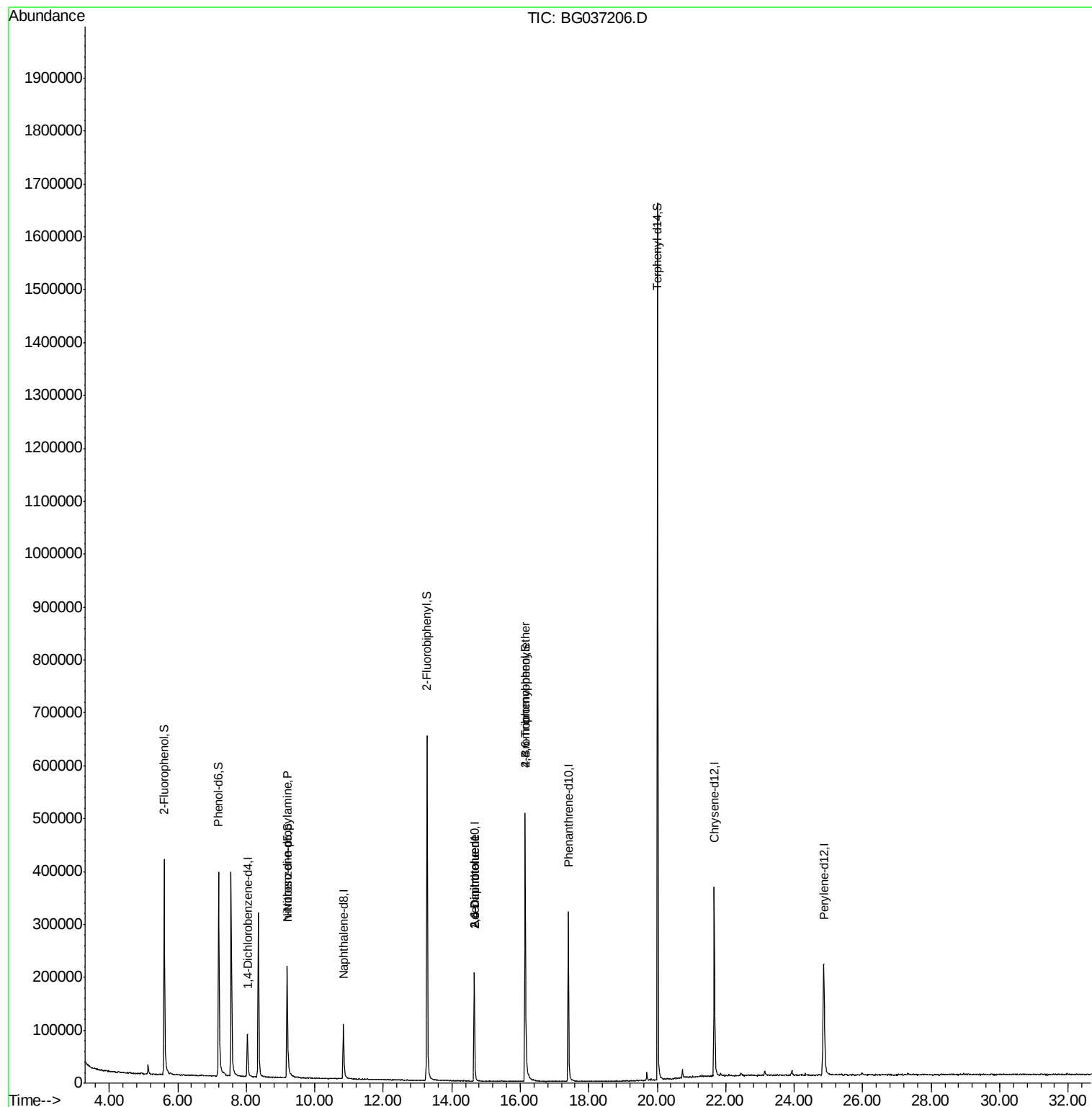
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	29325	20.00	ng	-0.01
21) Naphthalene-d8	10.83	136	118978	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	80580	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	238775	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	255878	20.00	ng	-0.02
86) Perylene-d12	24.86	264	250874	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	194849	127.43	ng	-0.02
7) Phenol-d6	7.19	99	272021	114.98	ng	-0.02
23) Nitrobenzene-d5	9.19	82	172479	77.63	ng	-0.02
41) 2,4,6-Tribromophenol	16.14	330	111184	115.33	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	399977	73.93	ng	-0.02
78) Terphenyl-d14	20.01	244	850392	87.39	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	23867	12.127	ng	# 71
50) 2,6-Dinitrotoluene	14.66	165	10481	7.406	ng	# 22
56) 2,4-Dinitrotoluene	14.66	165	10481	5.308	ng	# 20
66) 4-Bromophenyl-phenylether	16.14	248	7198	2.650	ng	# 1

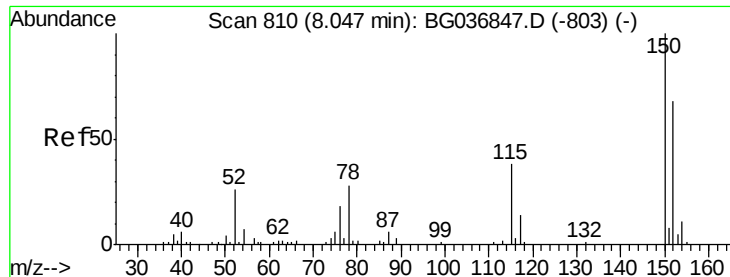
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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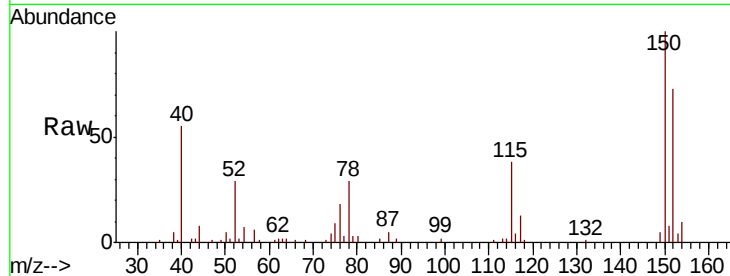


#1

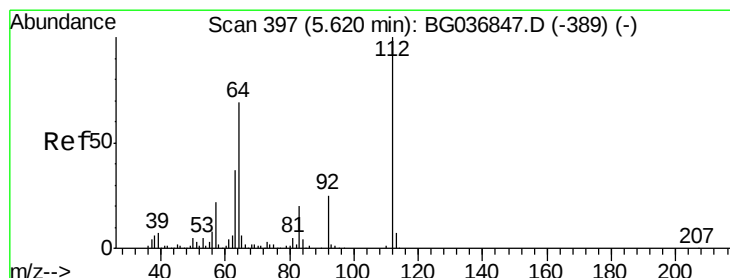
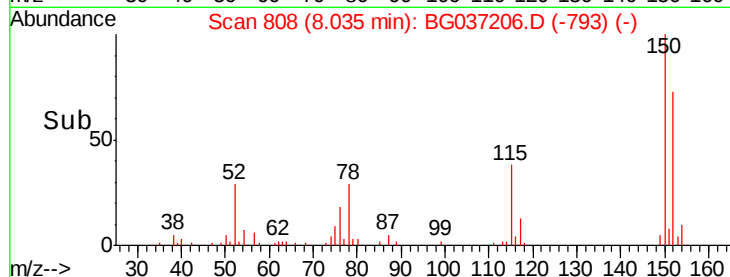
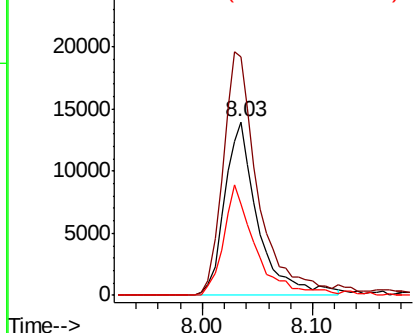
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 808
Delta R.T. -0.01 min
Lab File: BG037206.D
Acq: 6 Oct 2018 2:12

Instrument :
BNA_G
ClientSampleId :
PB113493BL

Tgt Ion:152 Resp: 29325
Ion Ratio Lower Upper
152 100
150 137.9 119.5 179.3
115 52.7 44.5 66.7



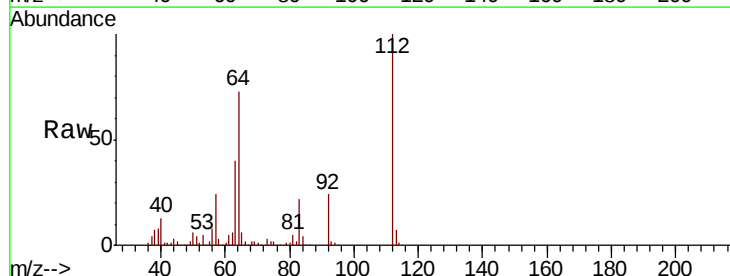
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



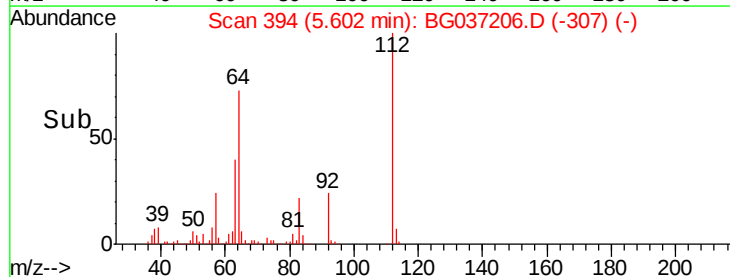
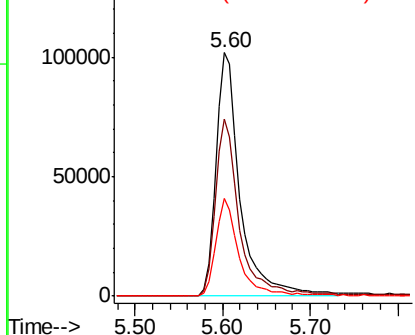
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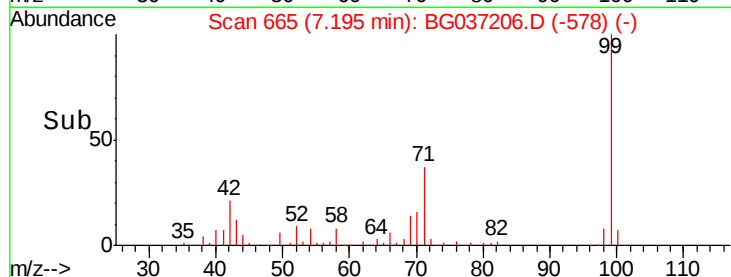
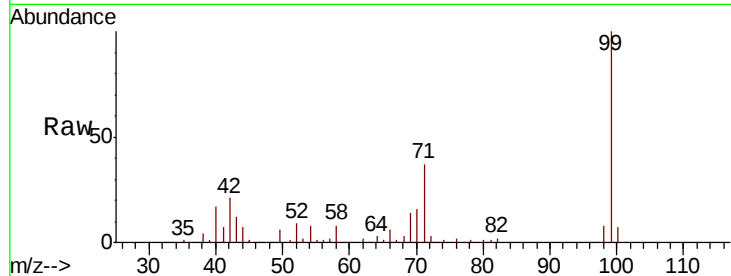
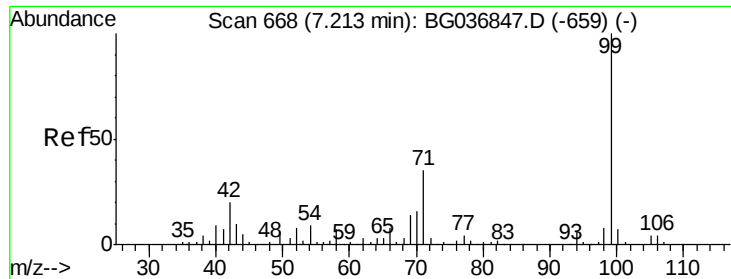
2-Fluorophenol
Concen: 127.426 ng
RT: 5.60 min Scan# 394
Delta R.T. -0.02 min
Lab File: BG037206.D
Acq: 6 Oct 2018 2:12

Tgt Ion:112 Resp: 194849
Ion Ratio Lower Upper
112 100
64 73.0 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: 114.981 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.02 min

Lab File: BG037206.D

Acq: 6 Oct 2018 2:12

Instrument :

BNA_G

ClientSampleId :

PB113493BL

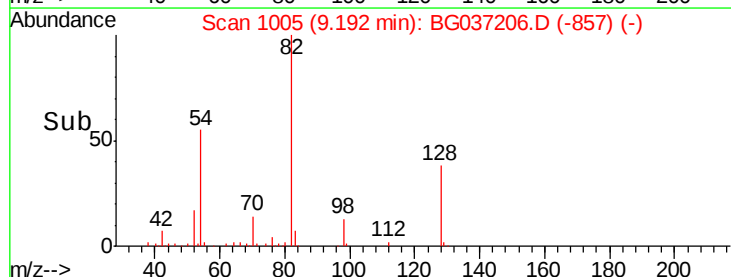
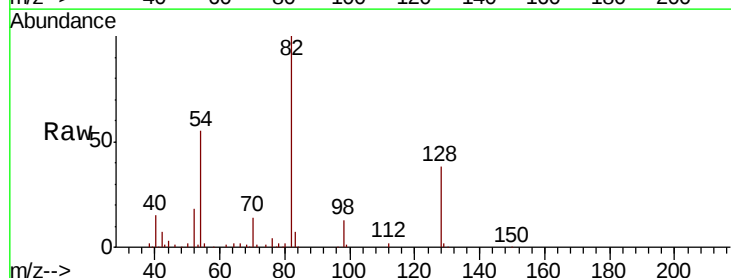
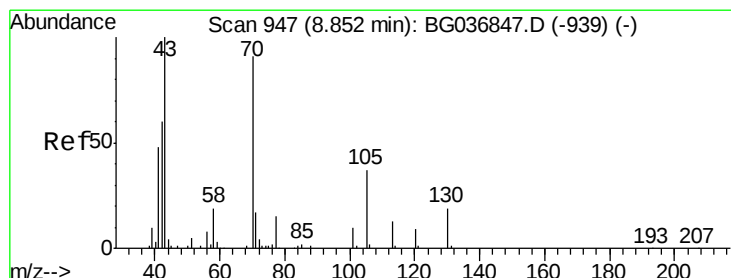
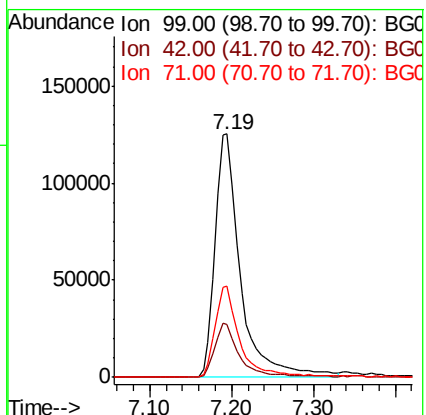
Tgt Ion: 99 Resp: 272021

Ion Ratio Lower Upper

99 100

42 21.5 16.5 24.7

71 37.4 29.4 44.2



#19

n-Nitroso-di-n-propylamine

Concen: 12.127 ng

RT: 9.19 min Scan# 1005

Delta R.T. 0.34 min

Lab File: BG037206.D

Acq: 6 Oct 2018 2:12

Tgt Ion: 70 Resp: 23867

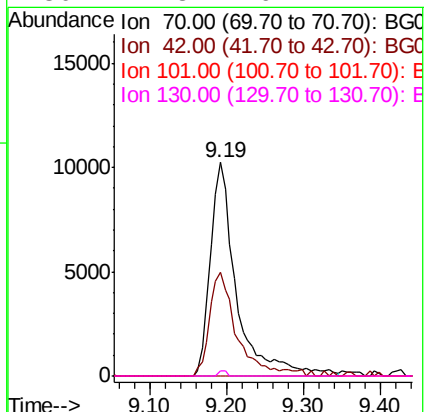
Ion Ratio Lower Upper

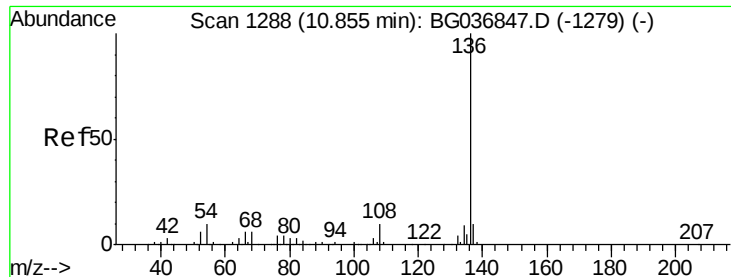
70 100

42 48.8 56.2 84.4#

101 0.0 7.8 11.6#

130 2.3 16.2 24.2#

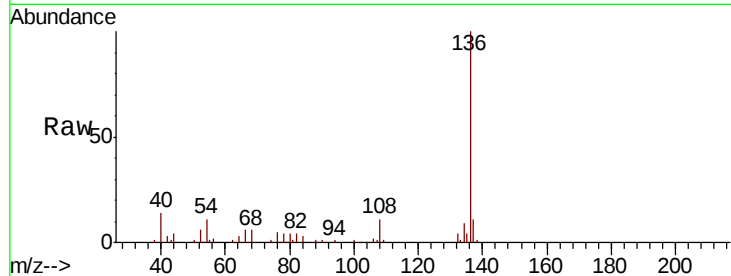




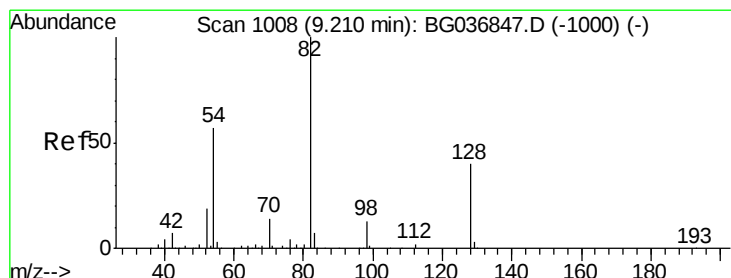
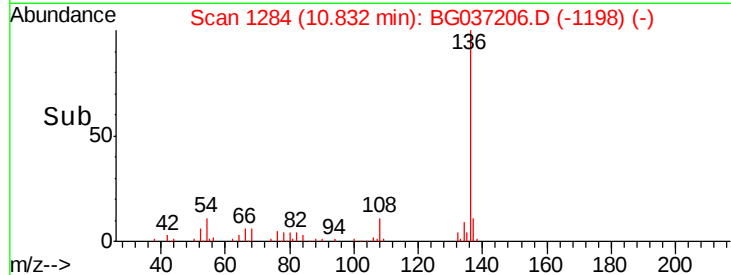
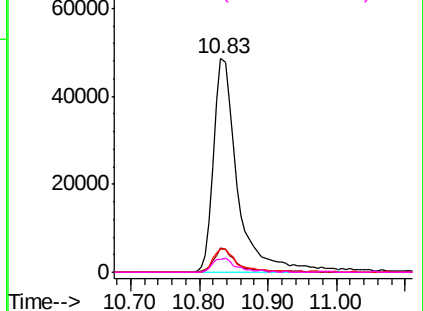
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BG037206.D
Acq: 6 Oct 2018 2:12

Instrument :
BNA_G
ClientSampleId :
PB113493BL

Tgt Ion:	136	Resp:	118978
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	10.8	9.2	13.8
68	6.0	5.8	8.6

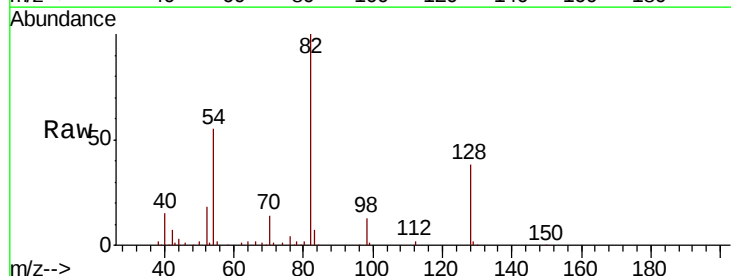


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

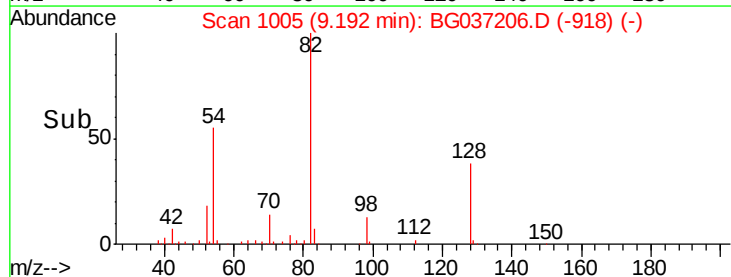
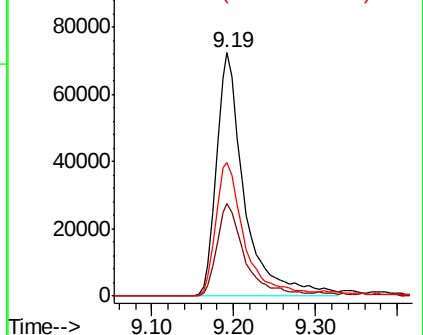


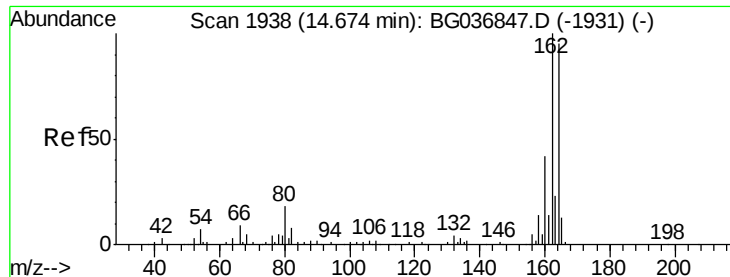
#23
Nitrobenzene-d5
Concen: 77.631 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BG037206.D
Acq: 6 Oct 2018 2:12

Tgt Ion:	82	Resp:	172479
Ion	Ratio	Lower	Upper
82	100		
128	38.0	33.3	49.9
54	55.1	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# 1935

Delta R.T. -0.02 min

Lab File: BG037206.D

Acq: 6 Oct 2018 2:12

Instrument :

BNA_G

ClientSampleId :

PB113493BL

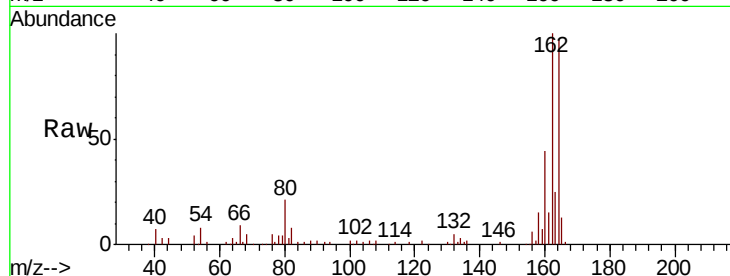
Tgt Ion:164 Resp: 80580

Ion Ratio Lower Upper

164 100

162 103.6 80.7 121.1

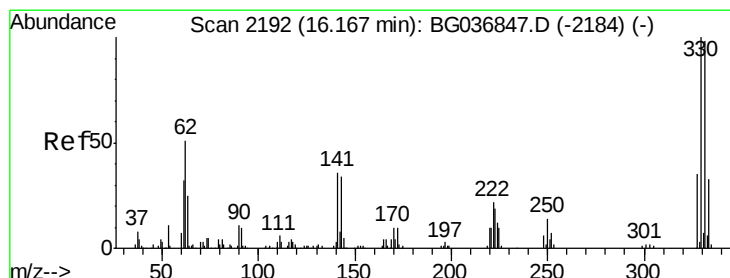
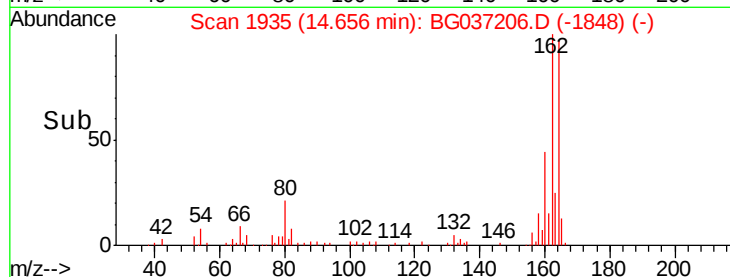
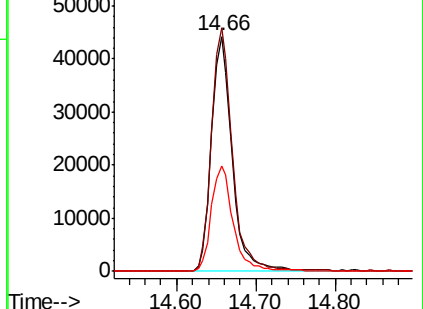
160 45.1 35.3 52.9



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: 115.325 ng

RT: 16.14 min Scan# 2188

Delta R.T. -0.02 min

Lab File: BG037206.D

Acq: 6 Oct 2018 2:12

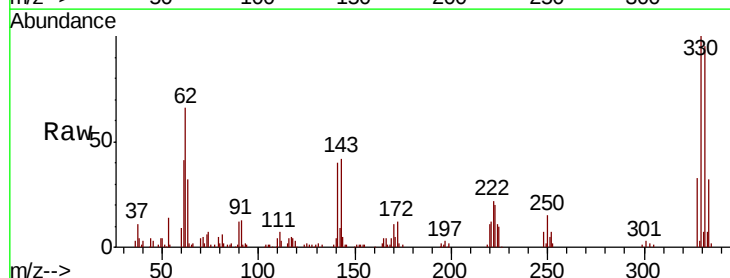
Tgt Ion:330 Resp: 111184

Ion Ratio Lower Upper

330 100

332 97.6 75.4 113.2

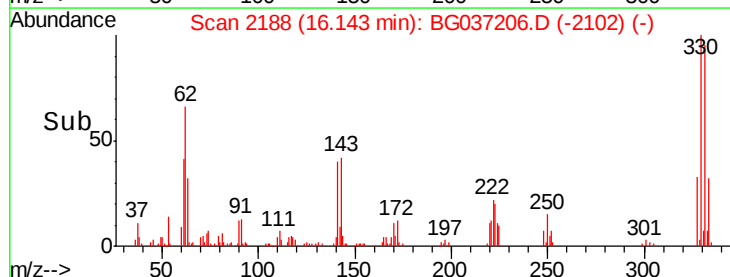
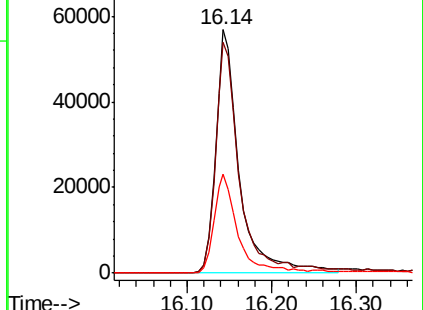
141 40.7 30.7 46.1

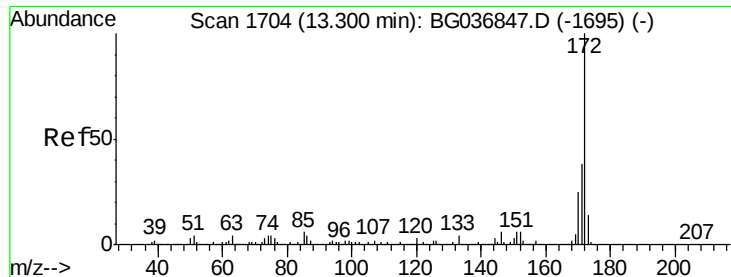


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

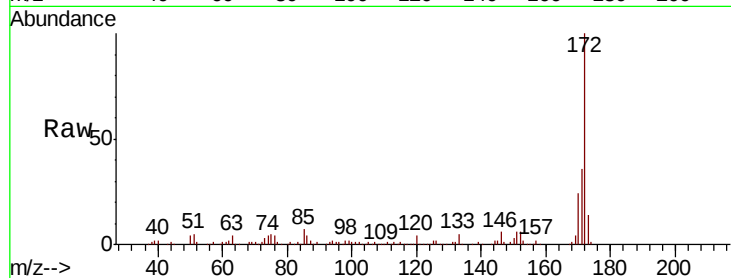




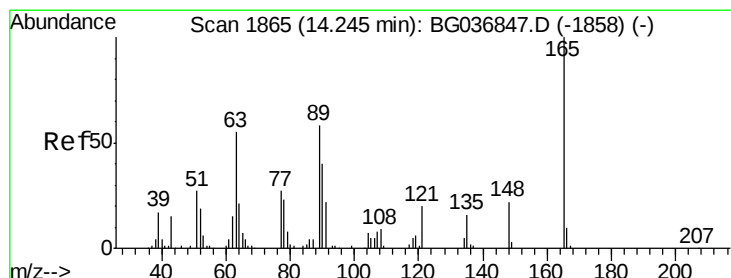
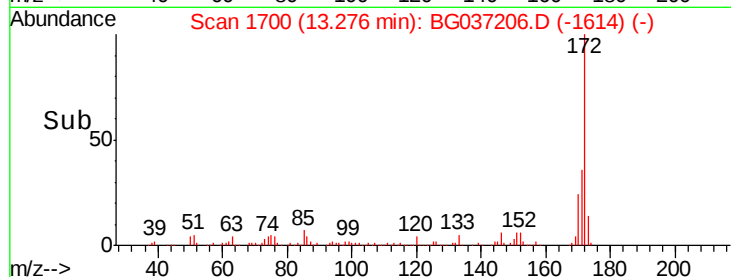
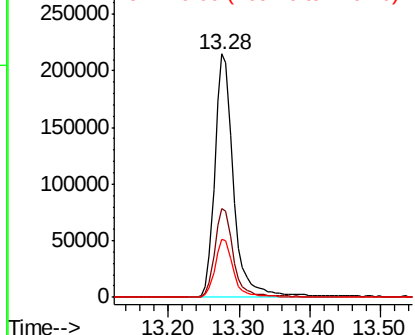
#44
 2-Fluorobiphenyl
 Concen: 73.929 ng
 RT: 13.28 min Scan# 1700
 Delta R.T. -0.02 min
 Lab File: BG037206.D
 Acq: 6 Oct 2018 2:12

Instrument :
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 ClientSampleId :
 PB113493BL

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	31.3	46.9
170	23.9	21.0	31.6

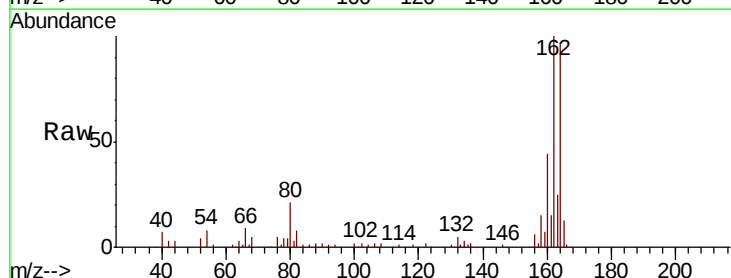


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

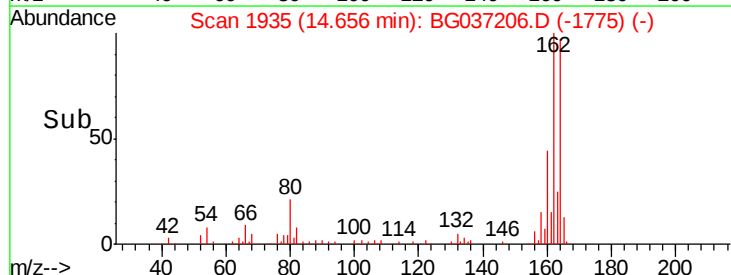
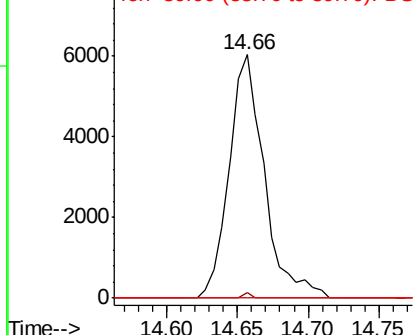


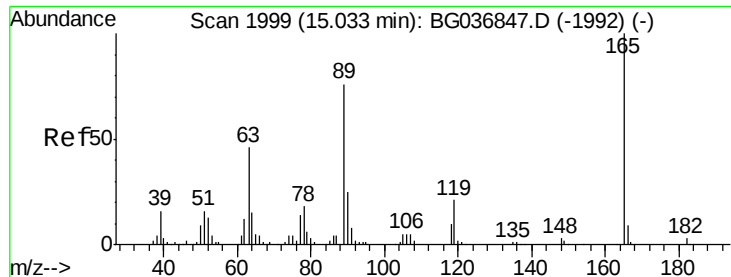
#50
 2,6-Dinitrotoluene
 Concen: 7.406 ng
 RT: 14.66 min Scan# 1935
 Delta R.T. 0.41 min
 Lab File: BG037206.D
 Acq: 6 Oct 2018 2:12

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.5	50.1	75.1#
89	0.0	47.8	71.6#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

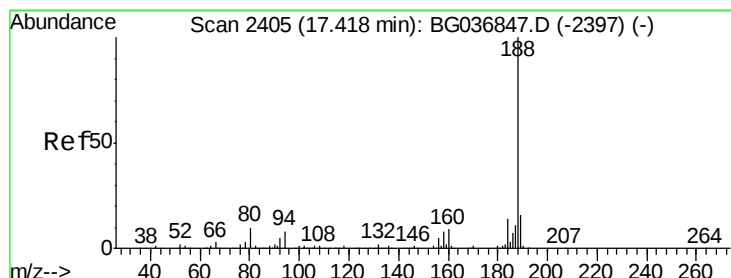
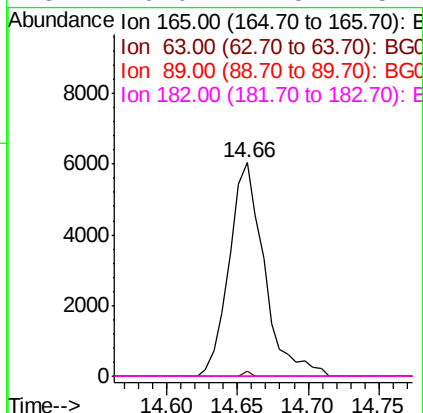
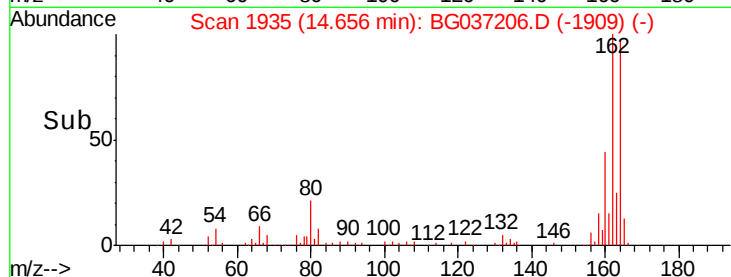
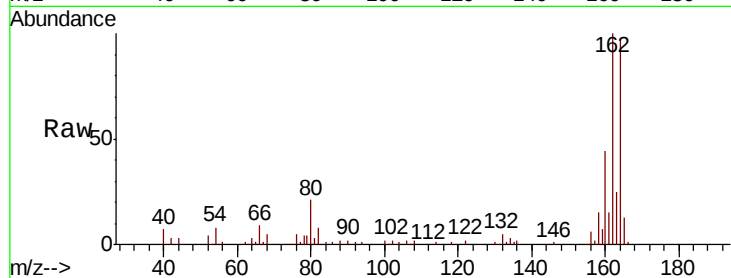




#56
 2,4-Dinitrotoluene
 Concen: 5.308 ng
 RT: 14.66 min Scan# 1935
 Delta R.T. -0.38 min
 Lab File: BG037206.D
 Acq: 6 Oct 2018 2:12

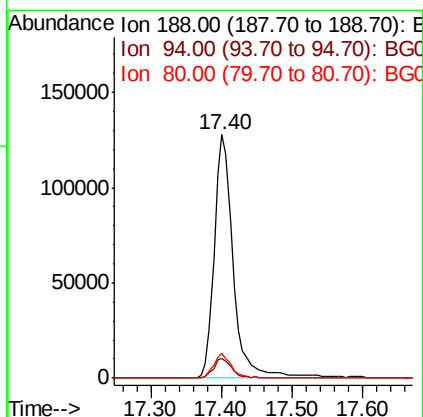
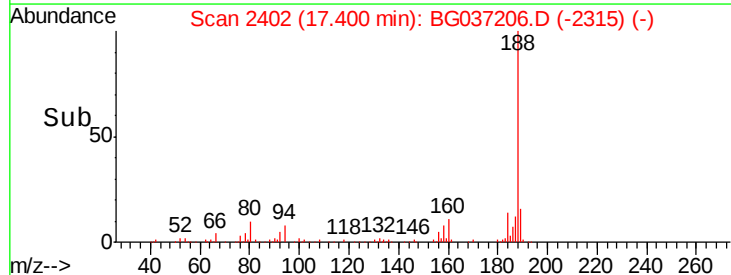
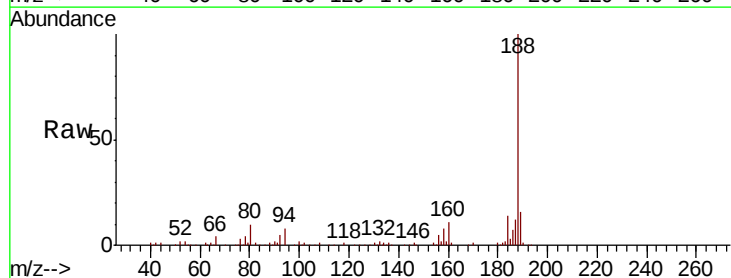
Instrument :
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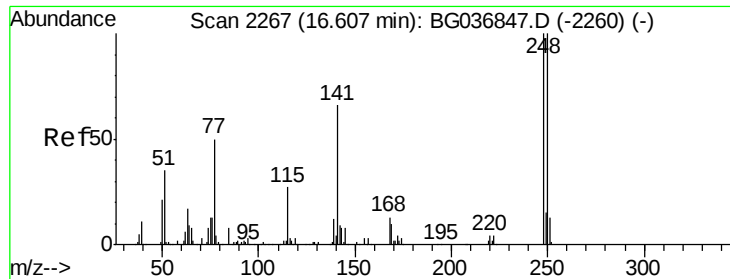
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.5	40.1	60.1#
89	0.0	63.7	95.5#
182	0.0	2.5	3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.40 min Scan# 2402
 Delta R.T. -0.02 min
 Lab File: BG037206.D
 Acq: 6 Oct 2018 2:12

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.7	10.1
80	10.2	8.1	12.1

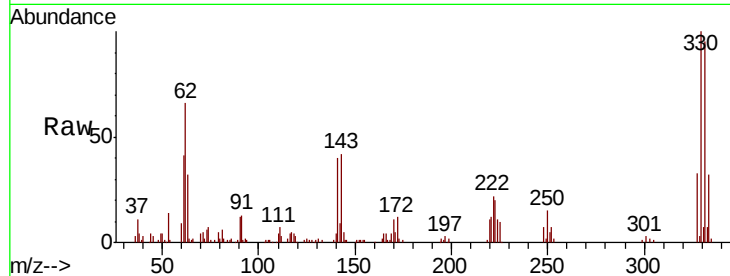




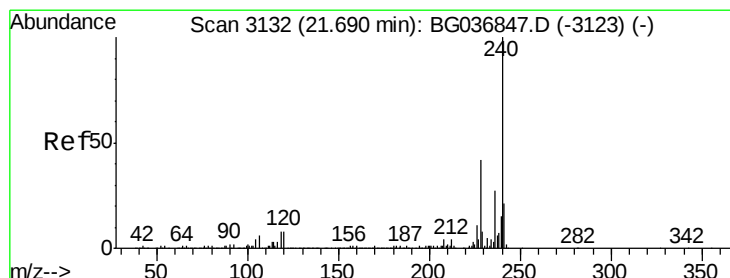
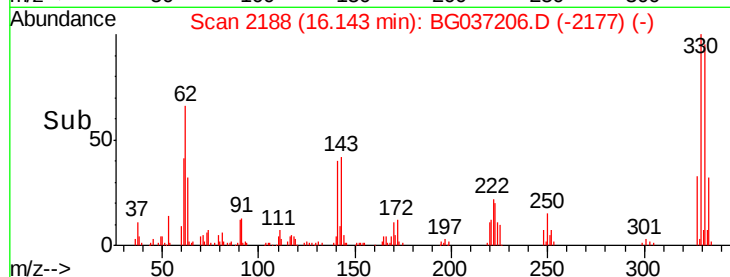
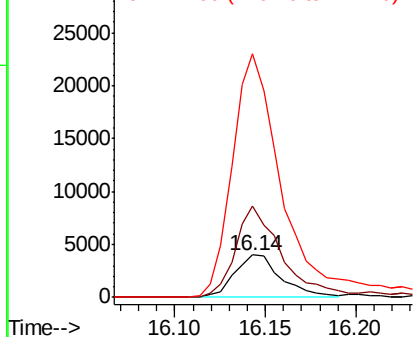
#66
 4-Bromophenyl-phenylether
 Concen: 2.650 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. -0.46 min
 Lab File: BG037206.D
 Acq: 6 Oct 2018 2:12

Instrument :
 BNA_G
 ClientSampleId :
 PB113493BL

Tgt Ion:248 Resp: 7198
 Ion Ratio Lower Upper
 248 100
 250 213.9 78.1 117.1#
 141 572.1 53.7 80.5#

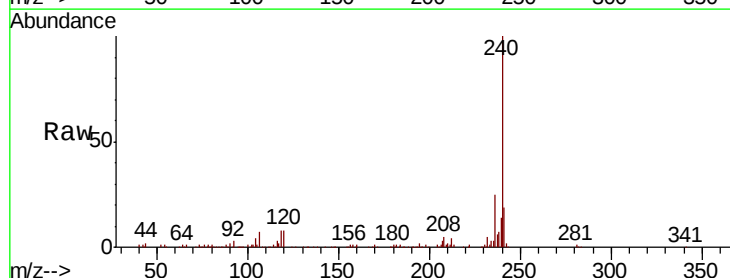


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

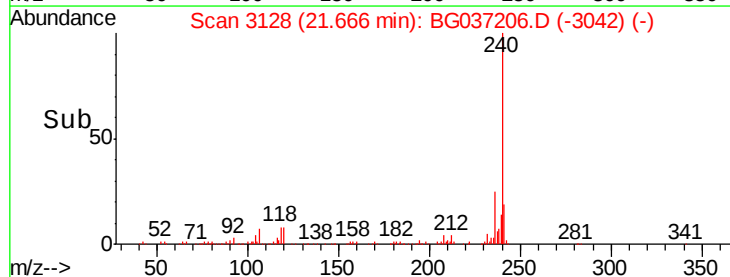
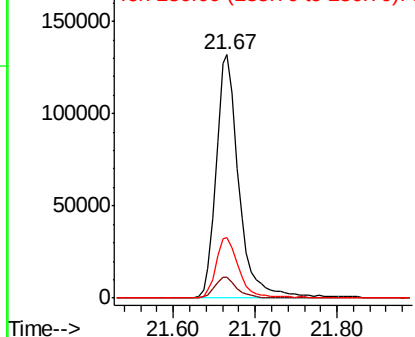


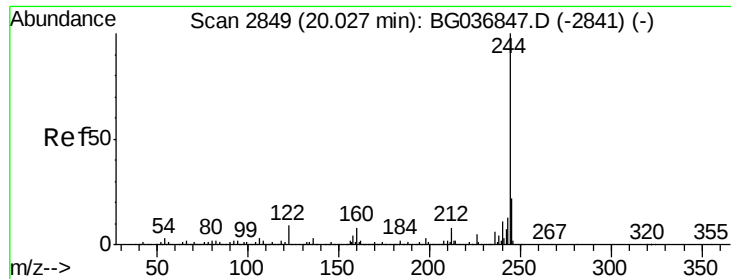
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.67 min Scan# 3128
 Delta R.T. -0.02 min
 Lab File: BG037206.D
 Acq: 6 Oct 2018 2:12

Tgt Ion:240 Resp: 255878
 Ion Ratio Lower Upper
 240 100
 120 8.4 6.9 10.3
 236 25.1 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: 87.389 ng

RT: 20.01 min Scan# 2846

Delta R.T. -0.02 min

Lab File: BG037206.D

Acq: 6 Oct 2018 2:12

Instrument :

BNA_G

ClientSampleId :

PB113493BL

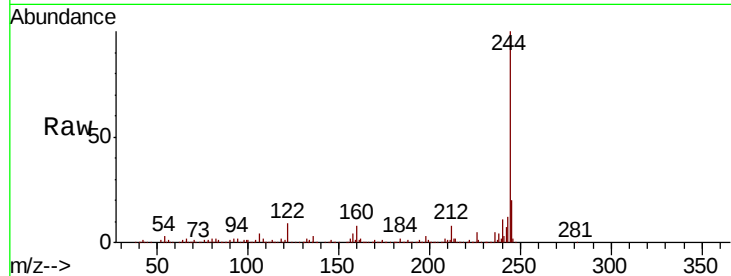
Tgt Ion:244 Resp: 850392

Ion Ratio Lower Upper

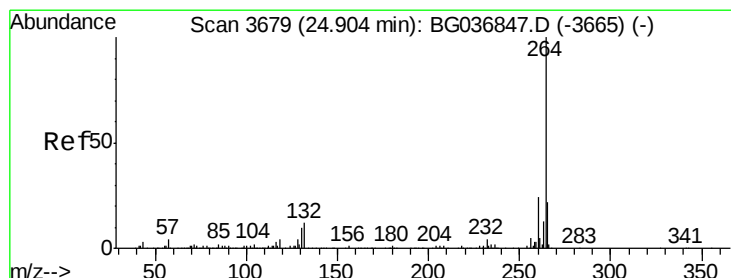
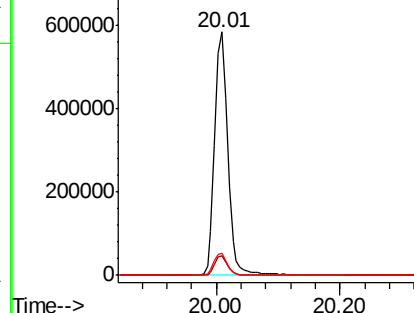
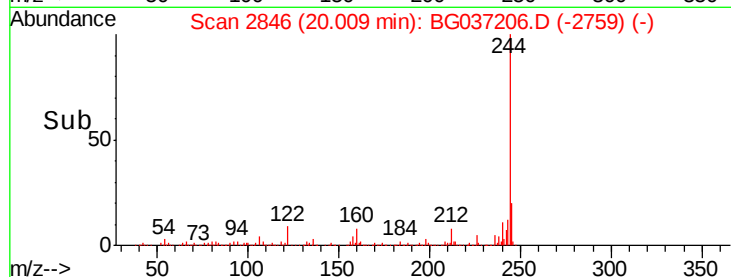
244 100

212 8.2 7.0 10.6

122 9.0 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: 24.86 min Scan# 3672

Delta R.T. -0.04 min

Lab File: BG037206.D

Acq: 6 Oct 2018 2:12

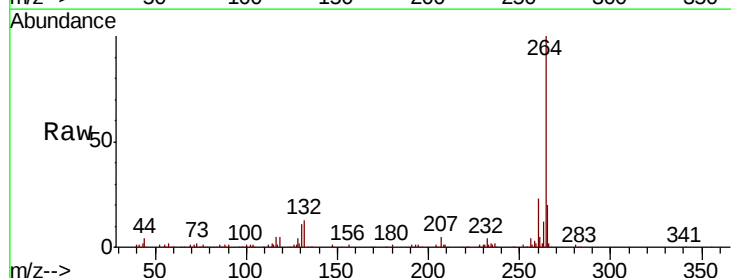
Tgt Ion:264 Resp: 250874

Ion Ratio Lower Upper

264 100

260 23.2 19.6 29.4

265 20.5 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

