

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100118\
 Data File : BG037079.D
 Acq On : 1 Oct 2018 17:02
 Operator : JU/SJ
 Sample : PB113368BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113368BL

Quant Time: Oct 01 19:02:39 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

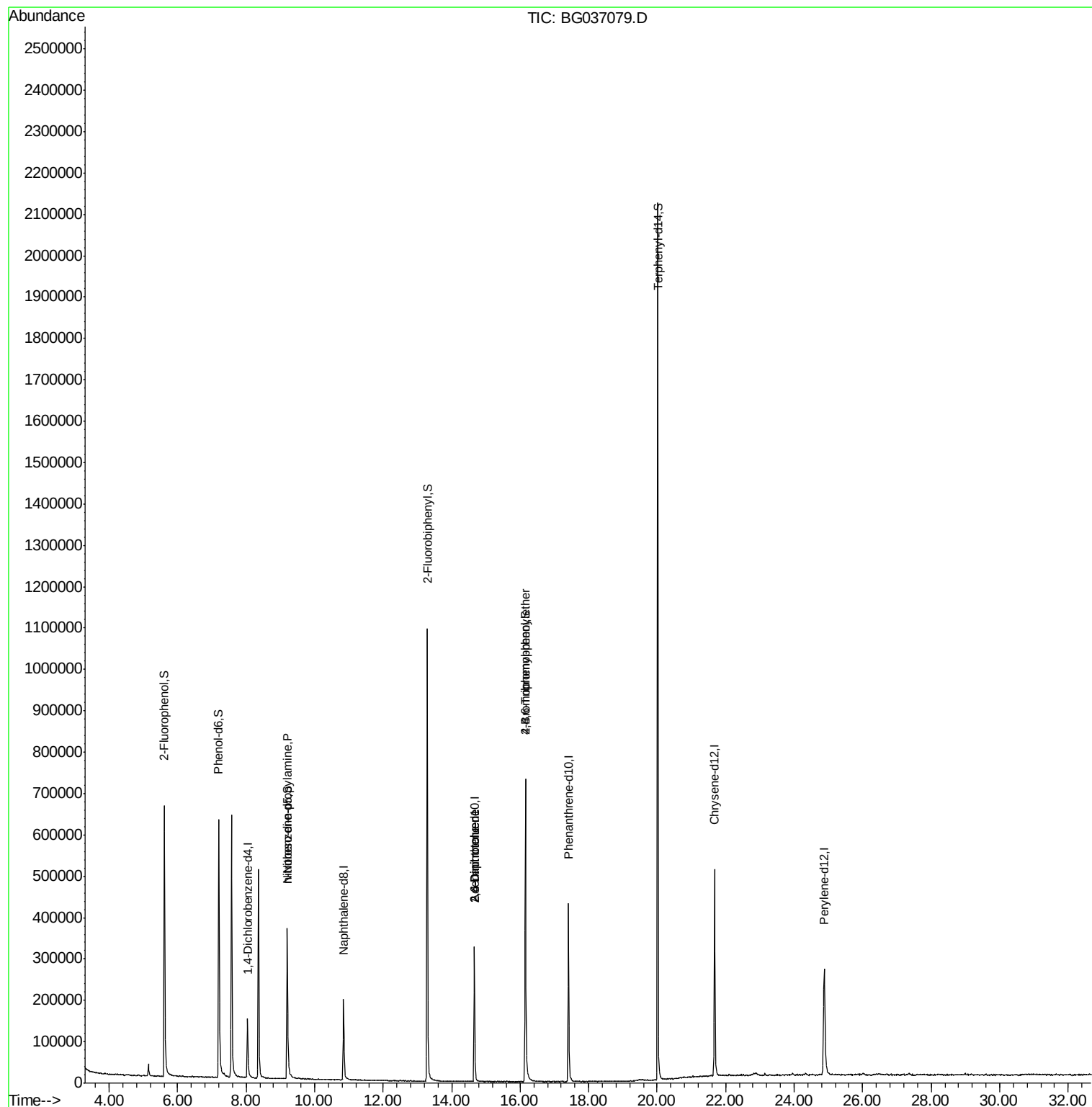
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	49615	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	199011	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	128370	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	327396	20.00	ng	0.00
75) Chrysene-d12	21.68	240	341643	20.00	ng	-0.01
86) Perylene-d12	24.88	264	325265	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	320948	124.06	ng	0.00
7) Phenol-d6	7.20	99	434858	108.64	ng	-0.01
23) Nitrobenzene-d5	9.20	82	290545	78.18	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	156994	102.22	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	648965	75.29	ng	-0.01
78) Terphenyl-d14	20.02	244	1108519	85.32	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	36100	10.842	ng	# 71
50) 2,6-Dinitrotoluene	14.67	165	15894	7.050	ng	# 22
56) 2,4-Dinitrotoluene	14.67	165	15894	5.052	ng	# 20
66) 4-Bromophenyl-phenylether	16.15	248	11146	2.993	ng	# 1

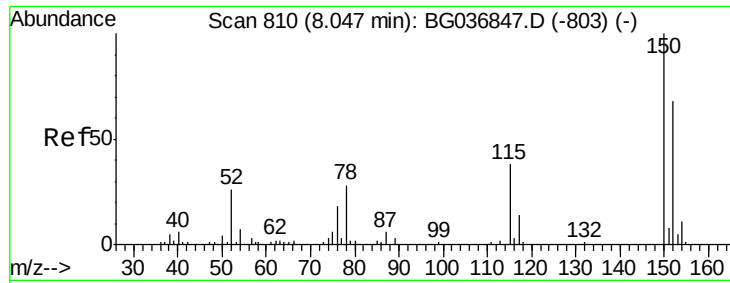
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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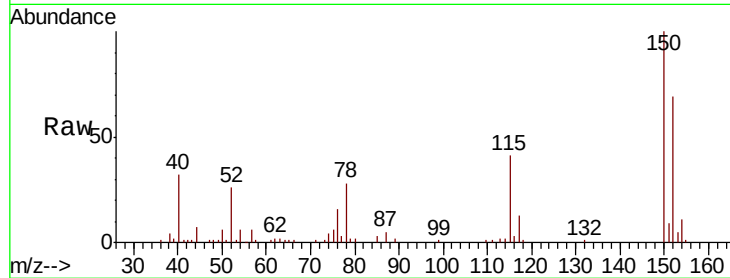


#1

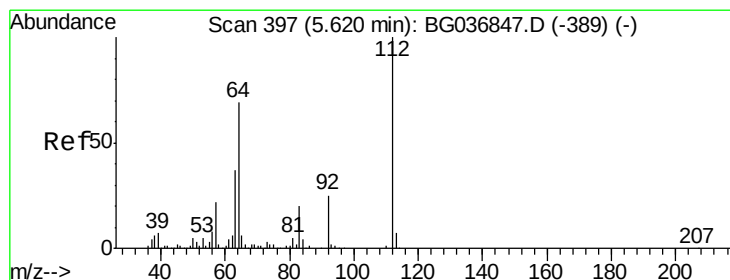
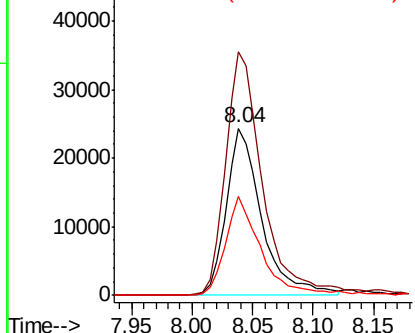
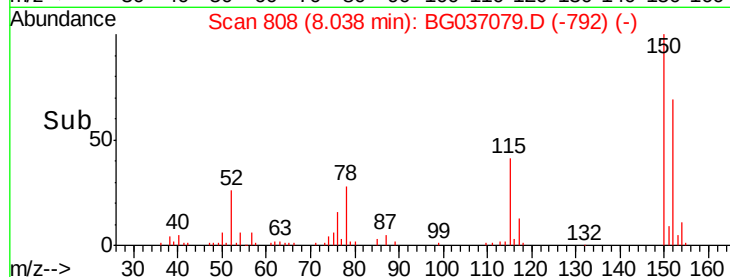
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 808
Delta R.T. -0.01 min
Lab File: BG037079.D
Acq: 1 Oct 2018 17:02

Instrument :
BNA_G
ClientSampleId :
PB113368BL

Tot Ion:152 Resp: 49615
Ion Ratio Lower Upper
152 100
150 145.5 119.5 179.3
115 59.2 44.5 66.7



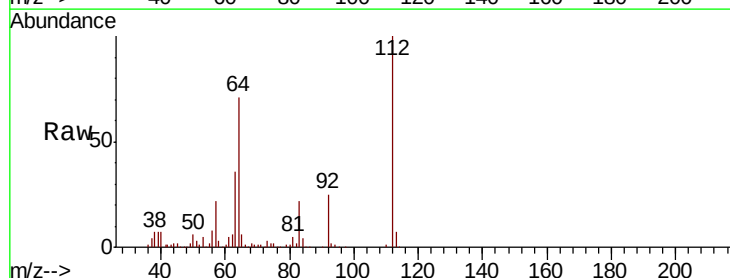
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



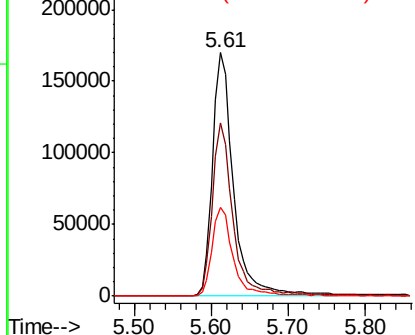
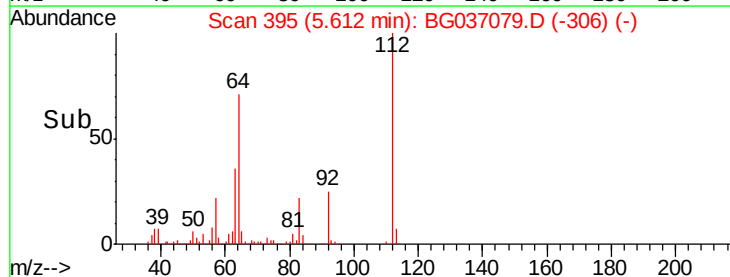
#5

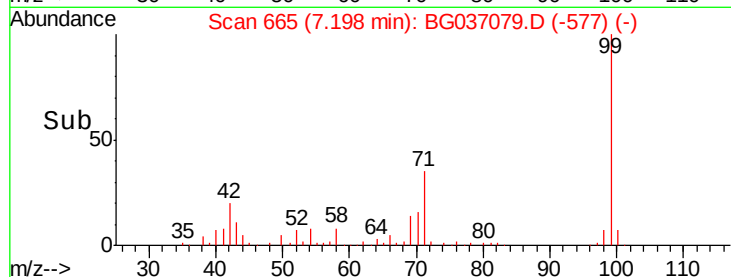
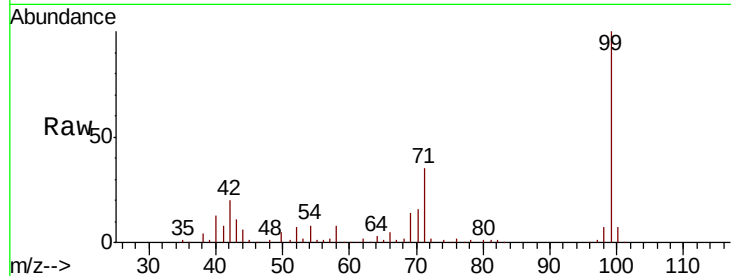
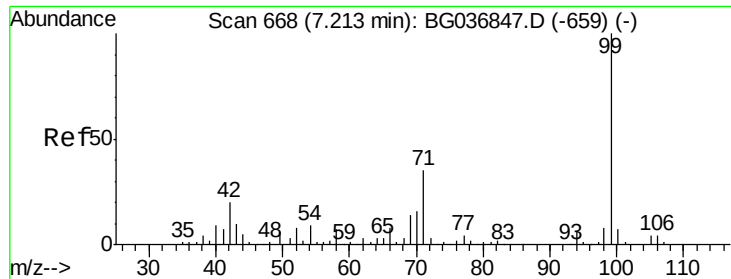
2-Fluorophenol
Concen: 124.057 ng
RT: 5.61 min Scan# 395
Delta R.T. -0.01 min
Lab File: BG037079.D
Acq: 1 Oct 2018 17:02

Tgt Ion:112 Resp: 320948
Ion Ratio Lower Upper
112 100
64 71.1 57.2 85.8
63 36.3 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

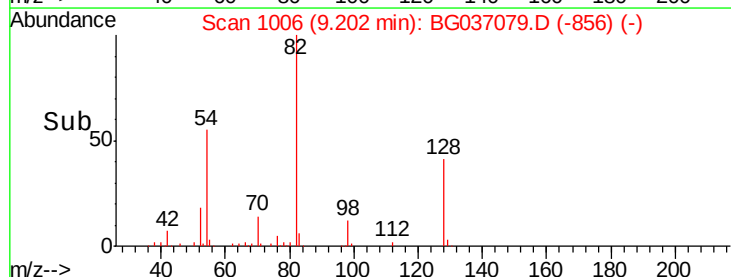
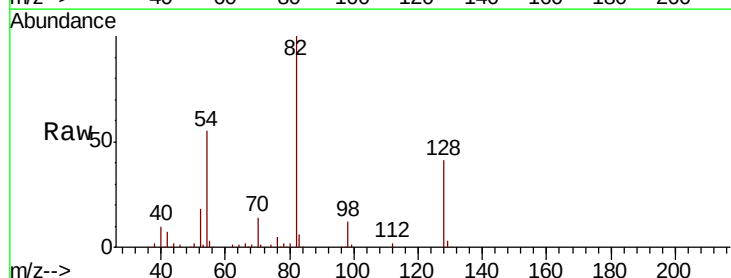
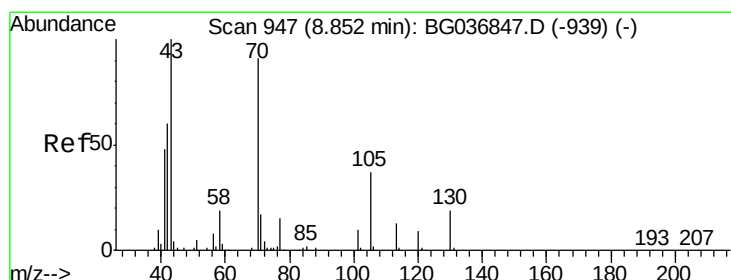
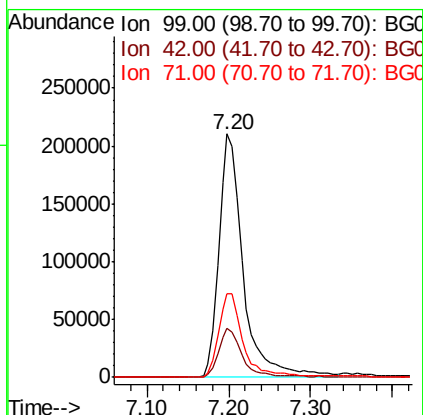




#7
Phenol-d6
Concen: 108.642 ng
RT: 7.20 min Scan# 665
Delta R.T. -0.01 min
Lab File: BG037079.D
Acq: 1 Oct 2018 17:02

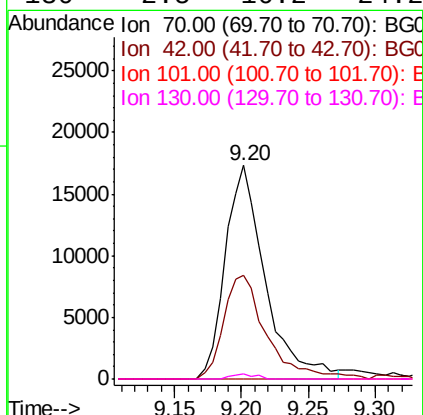
Instrument :
BNA_G
ClientSampleId :
PB113368BL

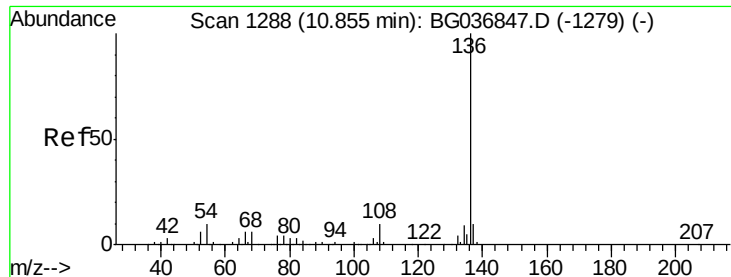
Tot Ion	Ratio	Lower	Upper
99	100		
42	20.0	16.5	24.7
71	34.6	29.4	44.2



#19
n-Nitroso-di-n-propylamine
Concen: 10.842 ng
RT: 9.20 min Scan# 1006
Delta R.T. 0.35 min
Lab File: BG037079.D
Acq: 1 Oct 2018 17:02

Tgt Ion	Ratio	Lower	Upper
70	100		
42	48.6	56.2	84.4#
101	0.0	7.8	11.6#
130	2.5	16.2	24.2#

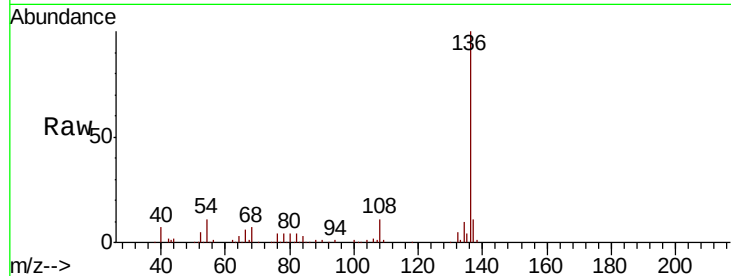




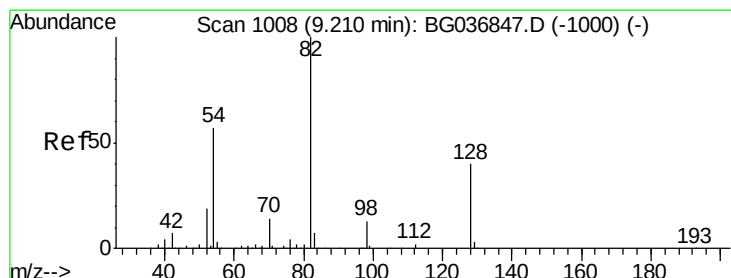
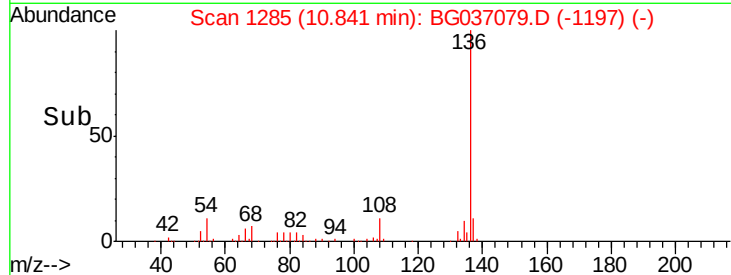
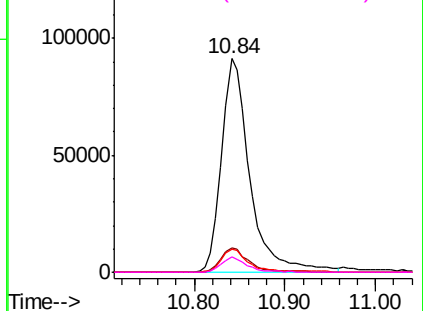
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BG037079.D
Acq: 1 Oct 2018 17:02

Instrument :
BNA_G
ClientSampleId :
PB113368BL

Tot Ion:136	Resp:	199011
Ion	Ratio	Lower Upper
136	100	
137	11.4	8.8 13.2
54	10.6	9.2 13.8
68	7.2	5.8 8.6

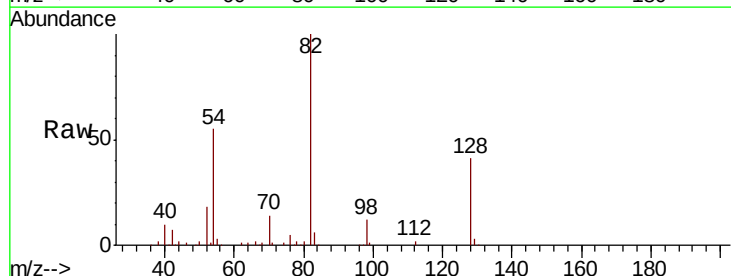


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

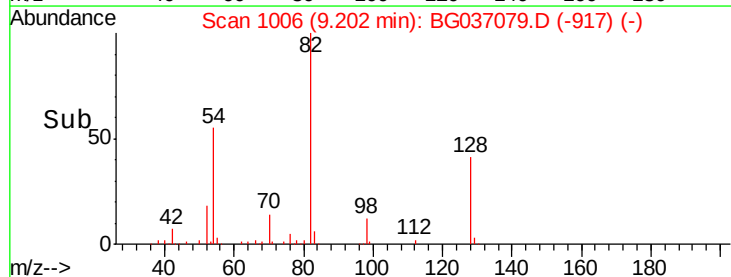
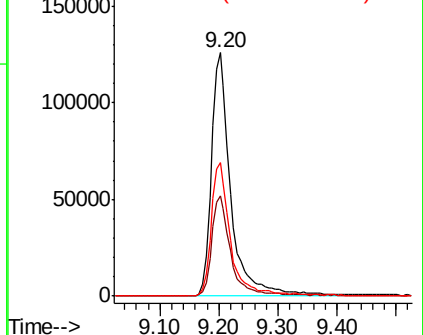


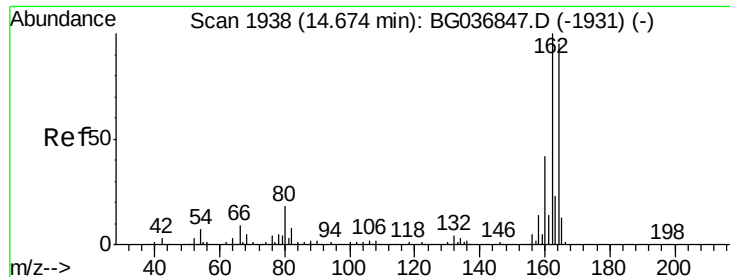
#23
Nitrobenzene-d5
Concen: 78.182 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG037079.D
Acq: 1 Oct 2018 17:02

Tgt Ion: 82	Resp:	290545
Ion	Ratio	Lower Upper
82	100	
128	41.0	33.3 49.9
54	54.7	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# 1936

Delta R.T. -0.01 min

Lab File: BG037079.D

Acq: 1 Oct 2018 17:02

Instrument :

BNA_G

ClientSampleId :

PB113368BL

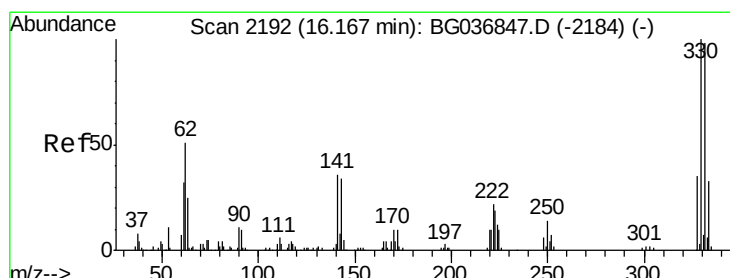
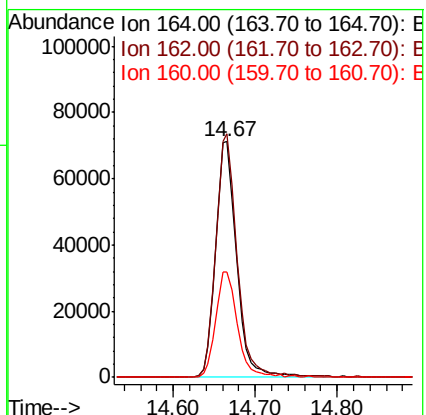
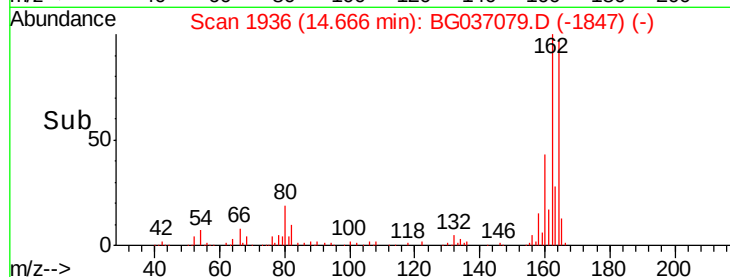
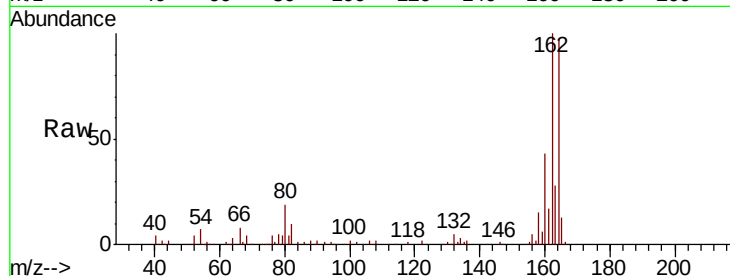
Tot Ion:164 Resp: 128370

Ion Ratio Lower Upper

164 100

162 103.3 80.7 121.1

160 44.9 35.3 52.9



#41

2,4,6-Tribromophenol

Concen: 102.218 ng

RT: 16.15 min Scan# 2189

Delta R.T. -0.01 min

Lab File: BG037079.D

Acq: 1 Oct 2018 17:02

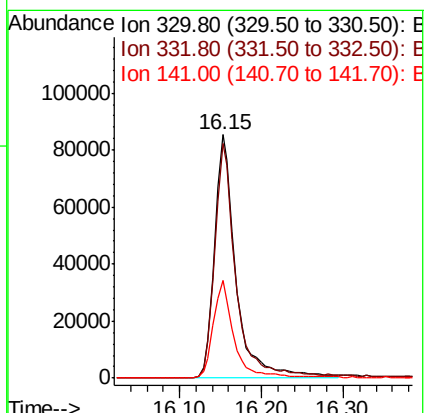
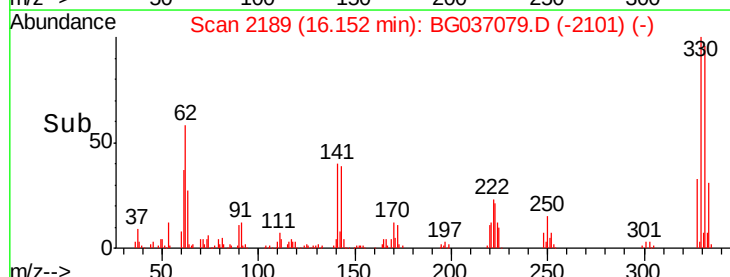
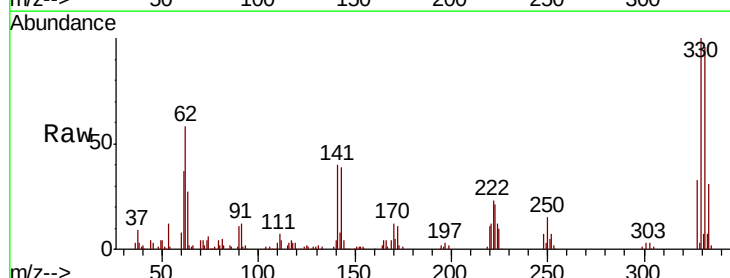
Tgt Ion:330 Resp: 156994

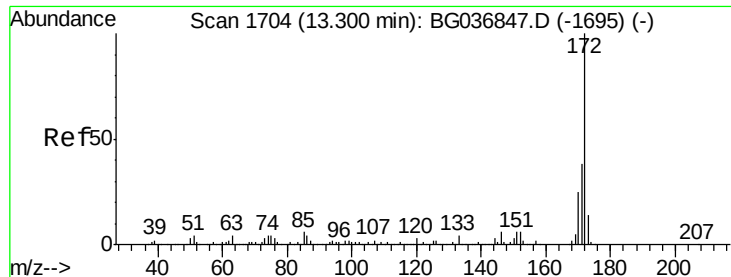
Ion Ratio Lower Upper

330 100

332 94.3 75.4 113.2

141 38.7 30.7 46.1

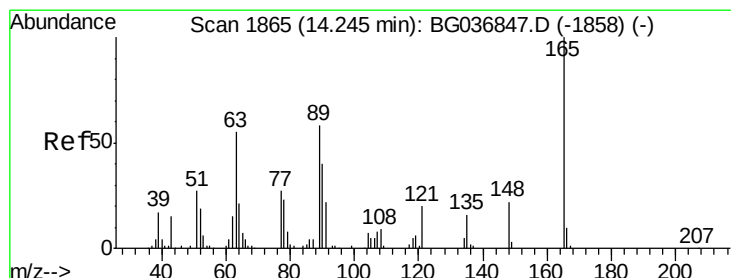
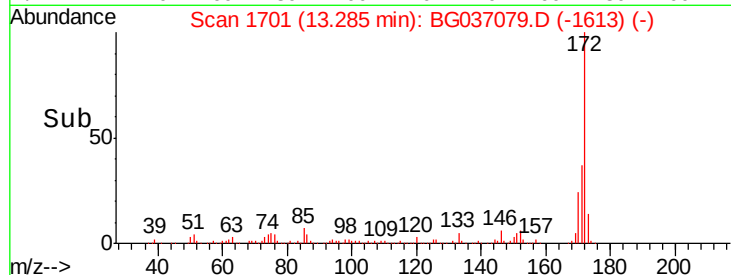
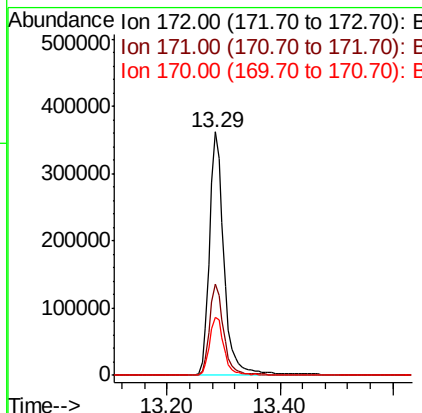
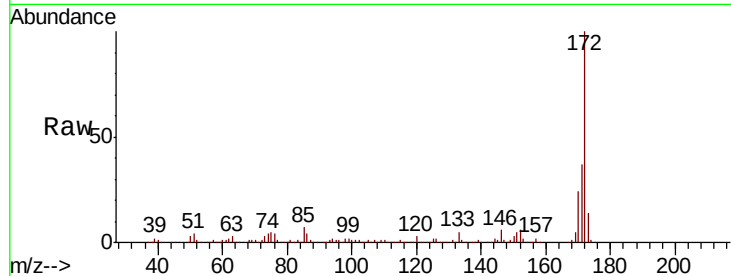




#44
2-Fluorobiphenyl
Concen: 75.295 ng
RT: 13.29 min Scan# 1701
Delta R.T. -0.01 min
Lab File: BG037079.D
Acq: 1 Oct 2018 17:02

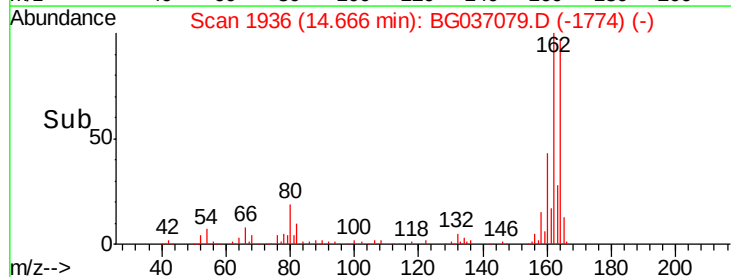
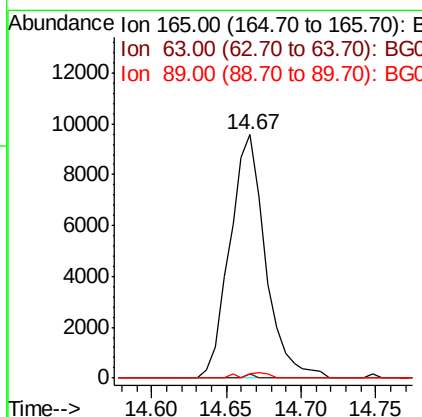
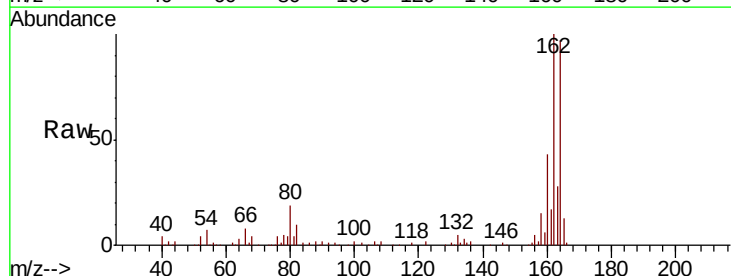
Instrument :
BNA_G
ClientSampleId :
PB113368BL

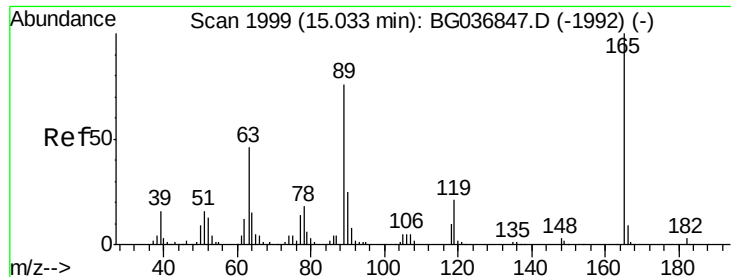
Tot Ion:172 Resp: 648965
Ion Ratio Lower Upper
172 100
171 37.3 31.3 46.9
170 24.0 21.0 31.6



#50
2,6-Dinitrotoluene
Concen: 7.050 ng
RT: 14.67 min Scan# 1936
Delta R.T. 0.42 min
Lab File: BG037079.D
Acq: 1 Oct 2018 17:02

Tgt Ion:165 Resp: 15894
Ion Ratio Lower Upper
165 100
63 1.7 50.1 75.1#
89 1.8 47.8 71.6#

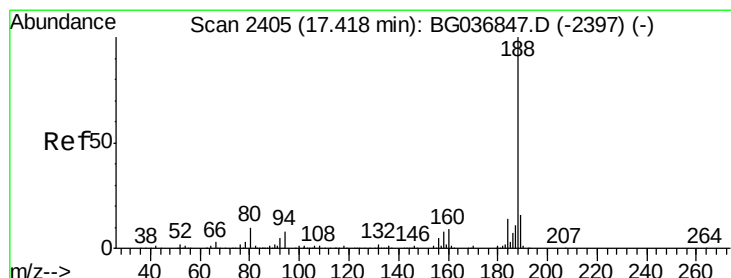
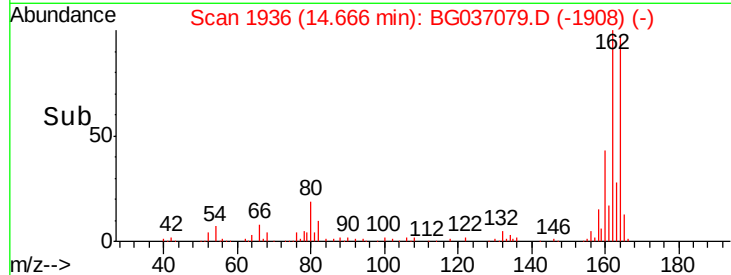
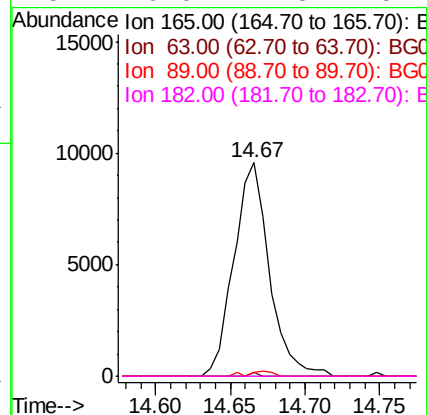
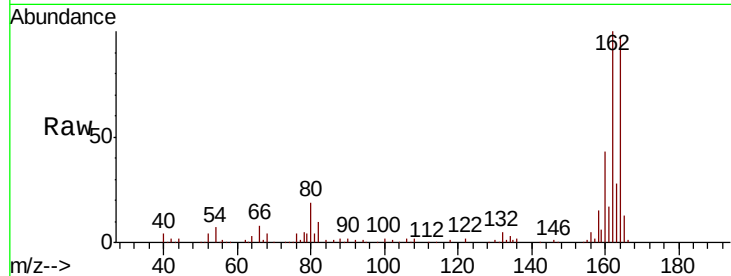




#56
 2,4-Dinitrotoluene
 Concen: 5.052 ng
 RT: 14.67 min Scan# 1936
 Delta R.T. -0.37 min
 Lab File: BG037079.D
 Acq: 1 Oct 2018 17:02

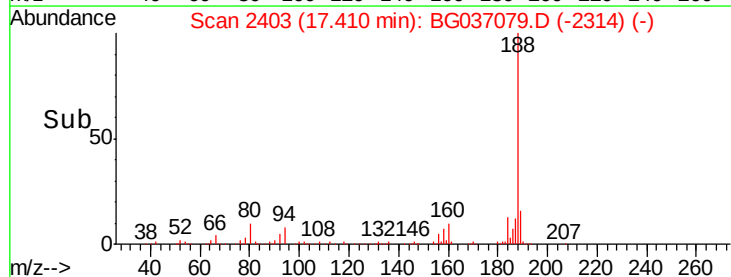
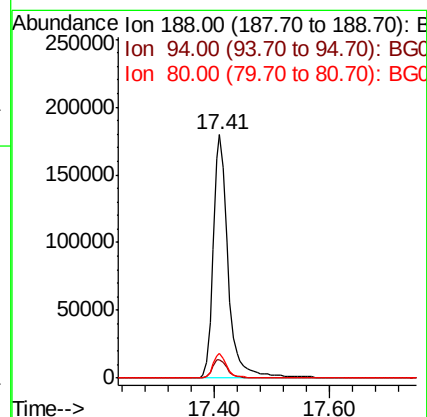
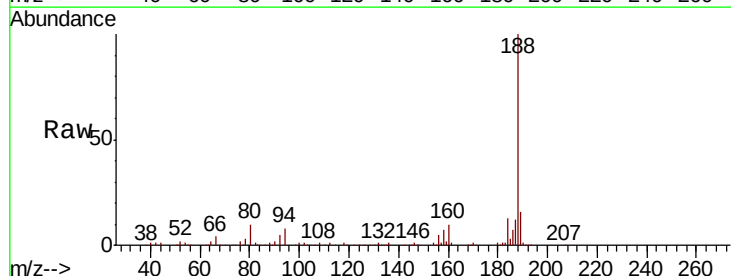
Instrument :
 BNA_G
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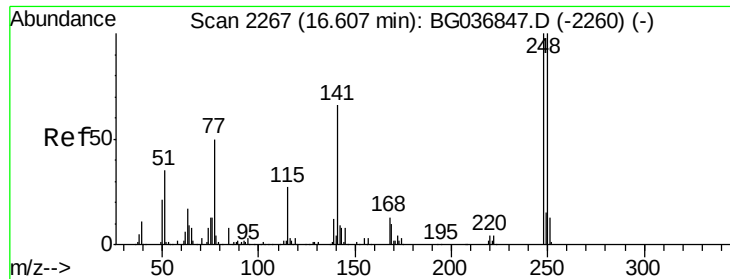
Tot Ion:165	Resp: 15894
Ion Ratio	Lower Upper
165 100	
63 1.7	40.1 60.1#
89 1.8	63.7 95.5#
182 0.0	2.5 3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2403
 Delta R.T. -0.01 min
 Lab File: BG037079.D
 Acq: 1 Oct 2018 17:02

Tgt Ion	Ion:188	Resp:	327396
	Ratio	Lower	Upper
188	100		
94	7.6	6.7	10.1
80	10.0	8.1	12.1

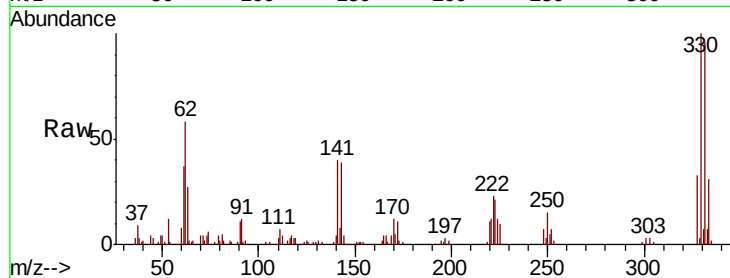




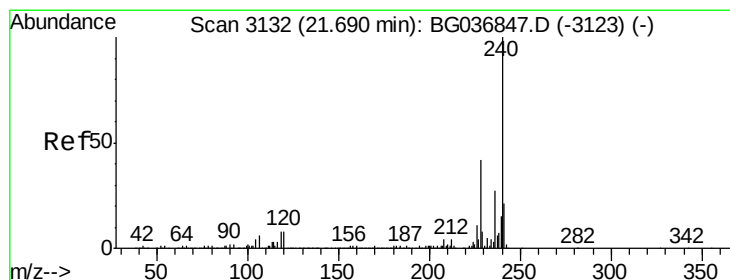
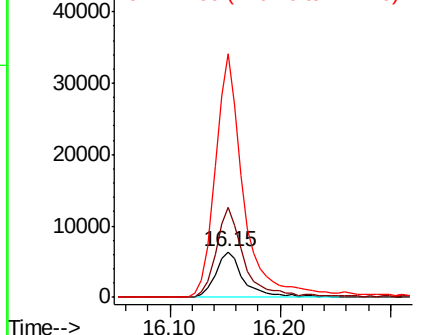
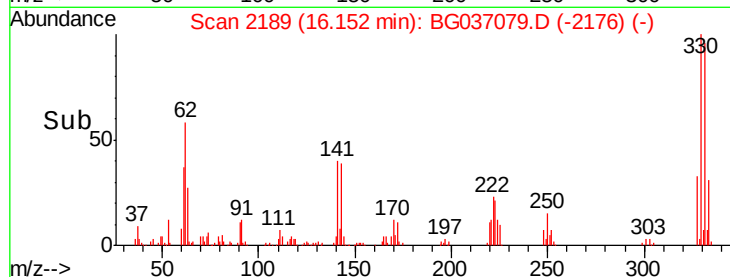
#66
 4-Bromophenyl-phenylether
 Concen: 2.993 ng
 RT: 16.15 min Scan# 2189
 Delta R.T. -0.46 min
 Lab File: BG037079.D
 Acq: 1 Oct 2018 17:02

Instrument :
 BNA_G
 ClientSampled :
 PB113368BL

Tot Ion:248 Resp: 11146
 Ion Ratio Lower Upper
 248 100
 250 197.1 78.1 117.1#
 141 532.5 53.7 80.5#

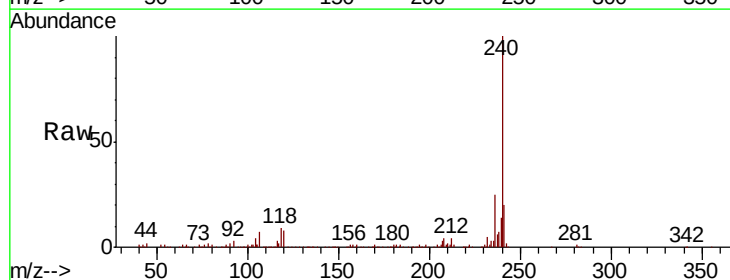


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

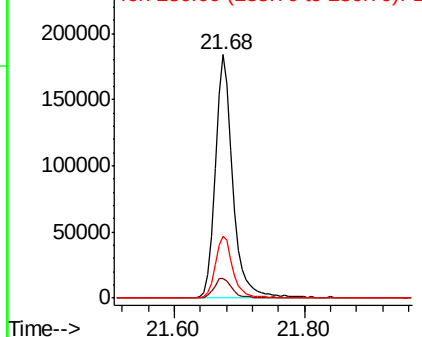
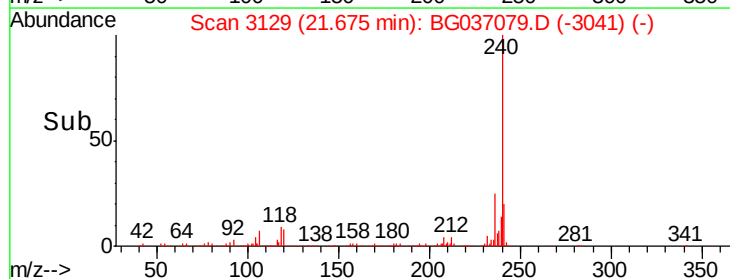


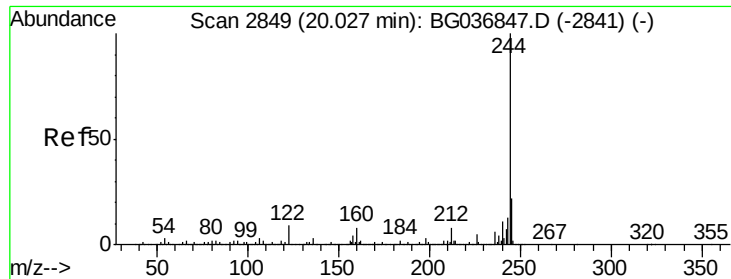
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3129
 Delta R.T. -0.01 min
 Lab File: BG037079.D
 Acq: 1 Oct 2018 17:02

Tgt Ion:240 Resp: 341643
 Ion Ratio Lower Upper
 240 100
 120 8.1 6.9 10.3
 236 25.5 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: 85.318 ng

RT: 20.02 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG037079.D

Acq: 1 Oct 2018 17:02

Instrument :

BNA_G

ClientSampleId :

PB113368BL

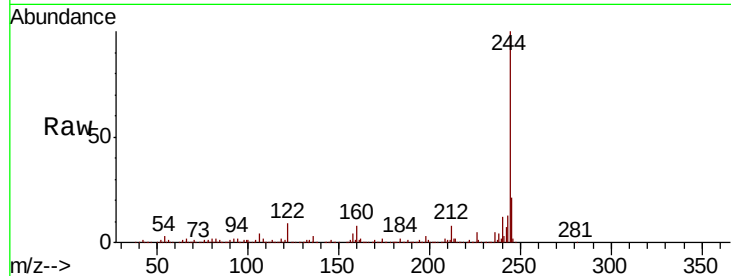
Tot Ion:244 Resp: 1108519

Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.0	10.6
122	9.3	7.1	10.7

244 100

212 8.4 7.0 10.6

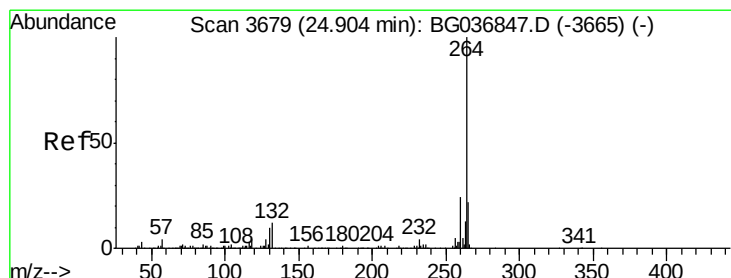
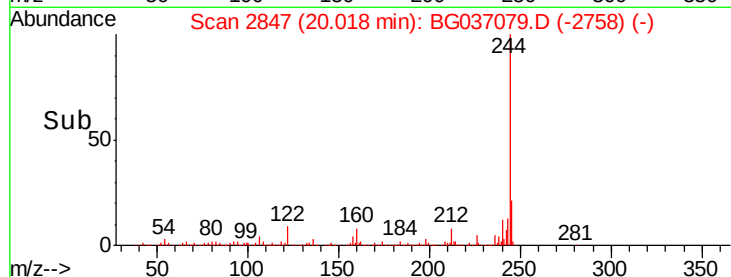
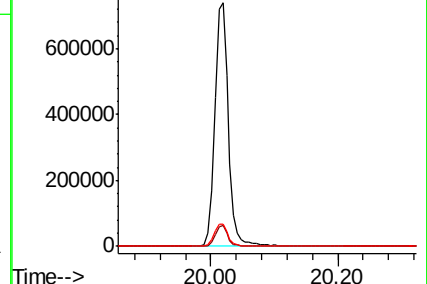
122 9.3 7.1 10.7



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# 3674

Delta R.T. -0.03 min

Lab File: BG037079.D

Acq: 1 Oct 2018 17:02

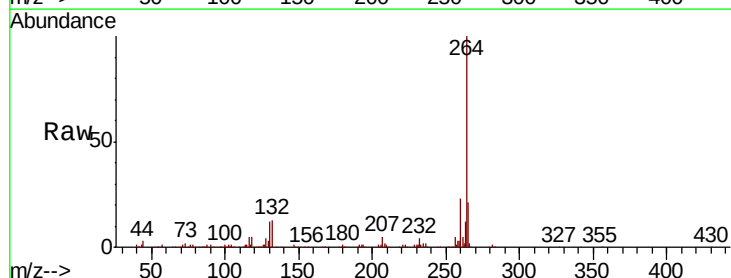
Tgt Ion:264 Resp: 325265

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.6	29.4
265	21.0	17.4	26.0

264 100

260 23.5 19.6 29.4

265 21.0 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

