

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110218\
 Data File : BG037777.D
 Acq On : 3 Nov 2018 5:49
 Operator : JU/SJ
 Sample : J5759-20
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 03 06:52:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

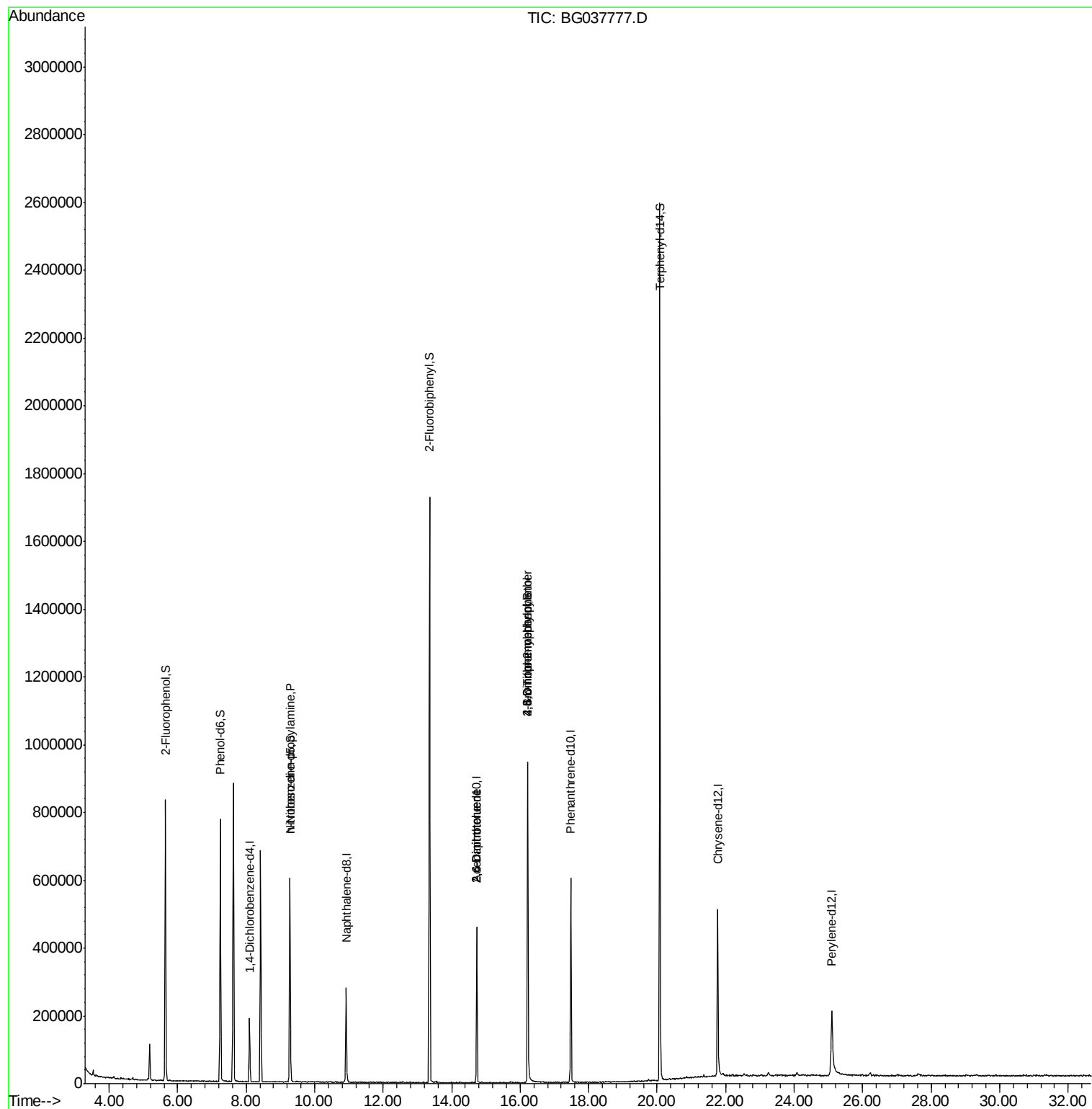
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	58988	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	257992	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	170968	20.00	ng	-0.01
64) Phenanthrene-d10	17.48	188	377602	20.00	ng	0.00
76) Chrysene-d12	21.76	240	346203	20.00	ng	-0.01
87) Perylene-d12	25.10	264	298417	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	380250	107.77	ng	0.00
7) Phenol-d6	7.24	99	496266	93.02	ng	0.00
23) Nitrobenzene-d5	9.28	82	376991	81.86	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	194285	104.19	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	933305	82.32	ng	-0.01
79) Terphenyl-d14	20.08	244	1330443	82.11	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.28	70	47971	13.057	ng	# 70
51) 2,6-Dinitrotoluene	14.73	165	21845	7.466	ng	# 24
57) 2,4-Dinitrotoluene	14.73	165	21845	5.688	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.22	198	543	8.733	ng	76
67) 4-Bromophenyl-phenylether	16.22	248	14017	3.380	ng	# 1

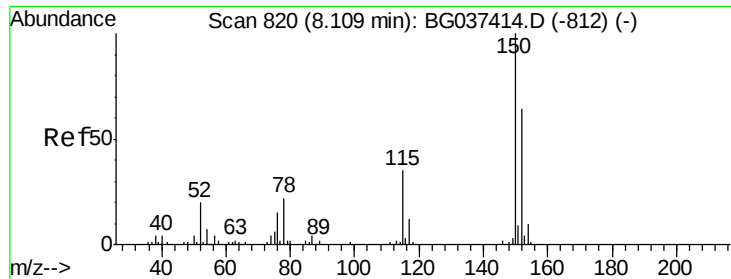
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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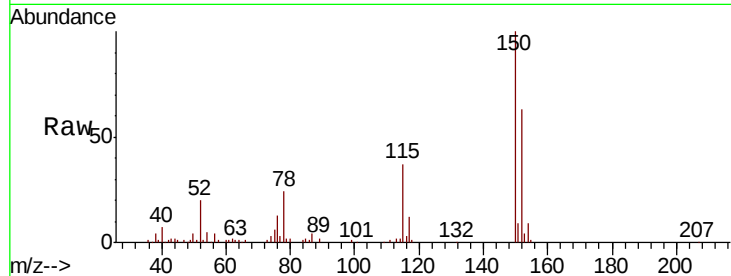


#1

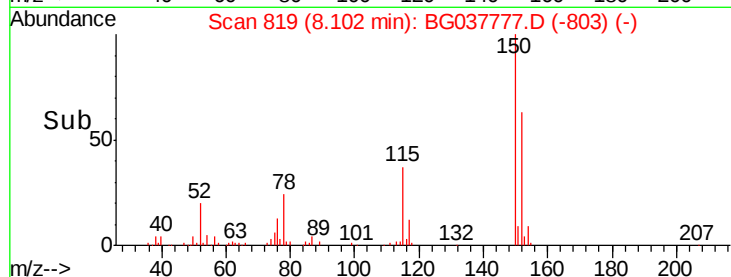
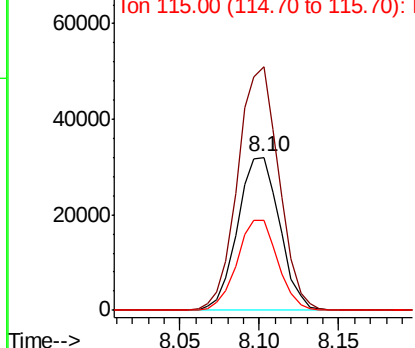
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037777.D
Acq: 3 Nov 2018 5:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 58988
Ion Ratio Lower Upper
152 100
150 159.3 126.0 189.0
115 58.9 45.5 68.3



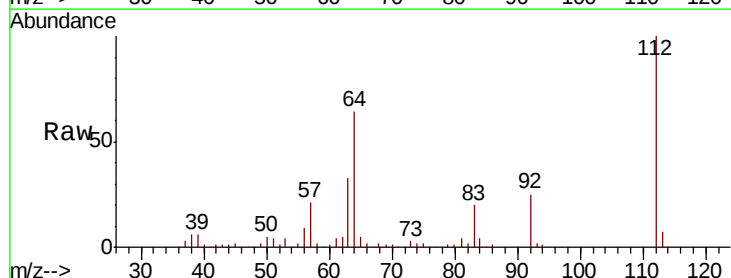
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



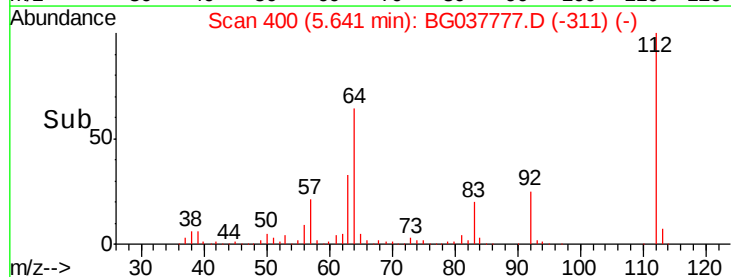
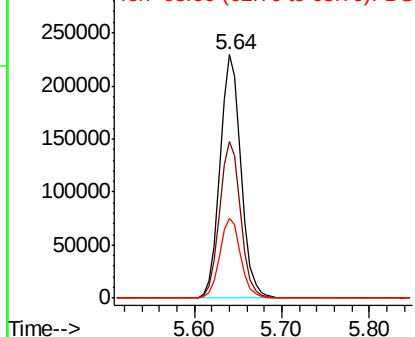
#5

2-Fluorophenol
Concen: 107.771 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037777.D
Acq: 3 Nov 2018 5:49

Tgt Ion:112 Resp: 380250
Ion Ratio Lower Upper
112 100
64 64.5 53.1 79.7
63 33.0 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 93.017 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037777.D

Acq: 3 Nov 2018 5:49

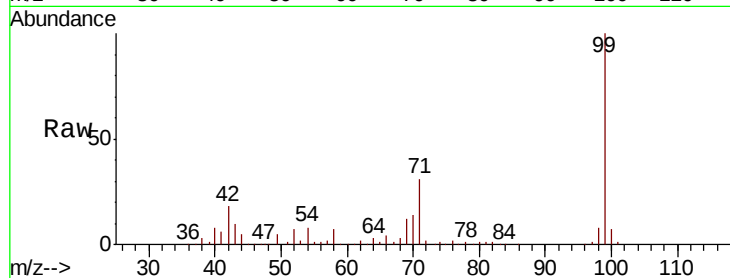
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 496266

Ion	Ratio	Lower	Upper
99	100		
42	17.5	15.0	22.4
71	30.6	25.5	38.3

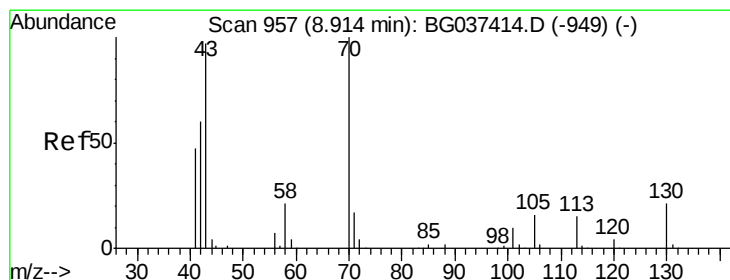
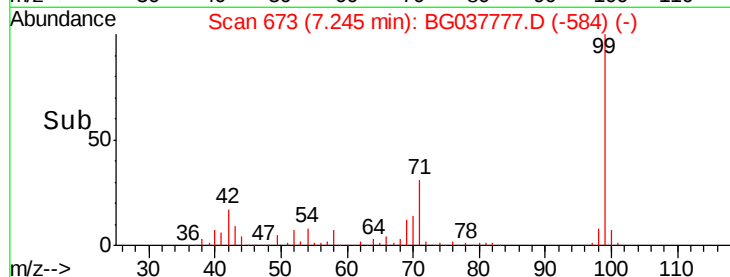
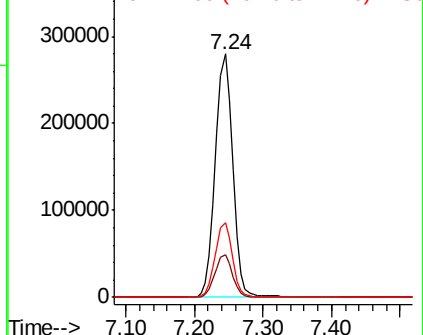


Abundance

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: 13.057 ng

RT: 9.28 min Scan# 1019

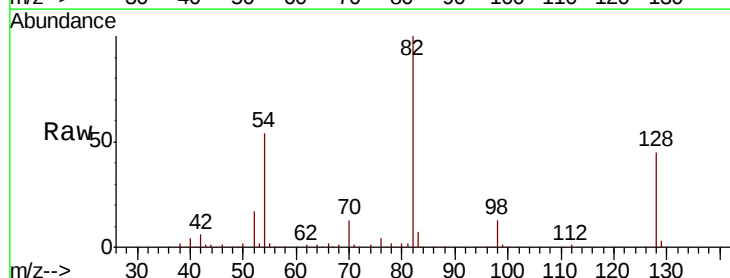
Delta R.T. 0.36 min

Lab File: BG037777.D

Acq: 3 Nov 2018 5:49

Tgt Ion: 70 Resp: 47971

Ion	Ratio	Lower	Upper
70	100		
42	46.4	53.9	80.9#
101	0.0	8.2	12.2#
130	2.2	18.2	27.4#



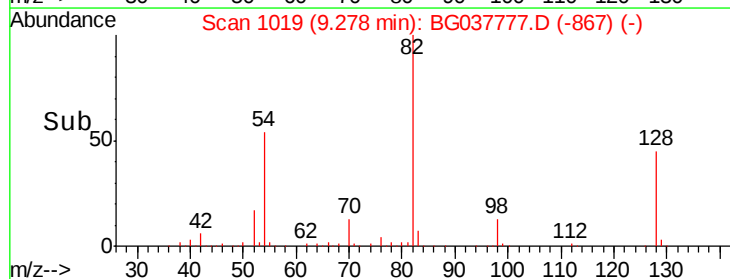
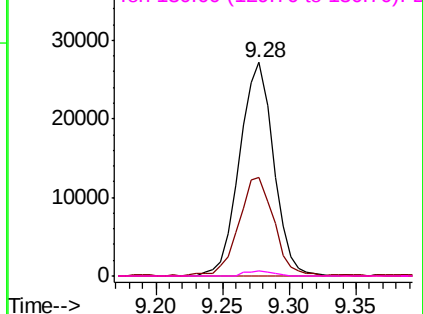
Abundance

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

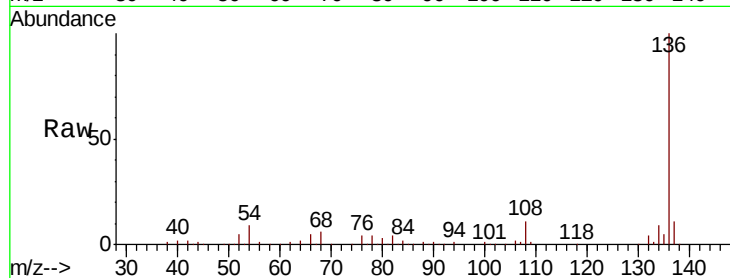




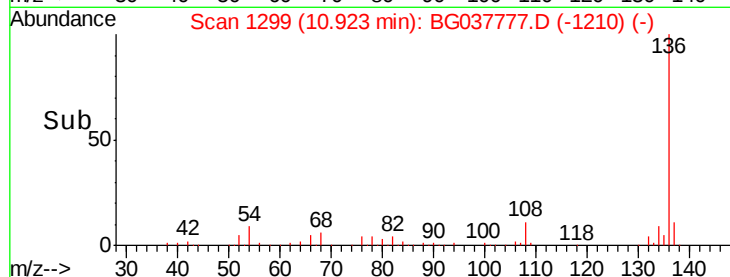
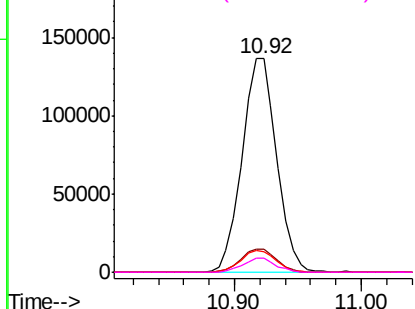
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037777.D
Acq: 3 Nov 2018 5:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	257992
Ion	Ratio	Lower Upper
136	100	
137	11.1	9.6 14.4
54	9.4	7.9 11.9
68	6.3	4.8 7.2

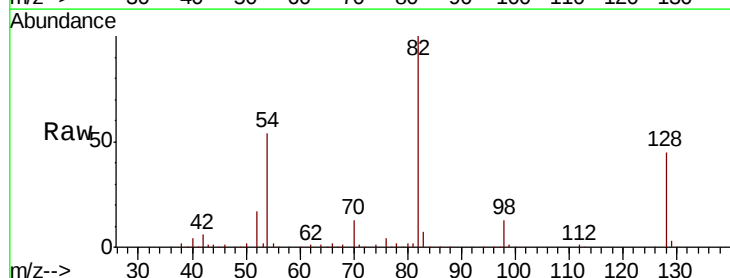


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

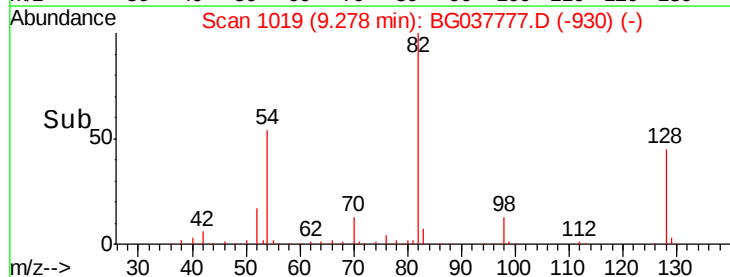
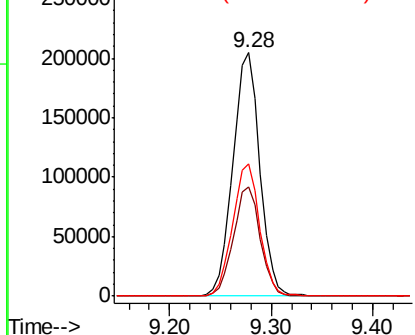


#23
Nitrobenzene-d5
Concen: 81.858 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037777.D
Acq: 3 Nov 2018 5:49

Tgt Ion: 82	Resp:	376991
Ion	Ratio	Lower Upper
82	100	
128	44.9	34.6 51.8
54	54.2	45.3 67.9



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG037777.D

Acq: 3 Nov 2018 5:49

Instrument :

BNA_G

ClientSampled :

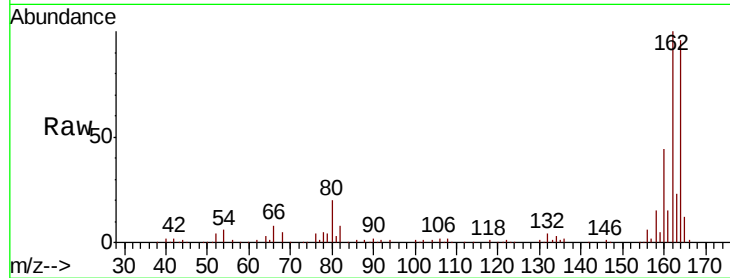
Tot Ion:164 Resp: 170968

Ion Ratio Lower Upper

164 100

162 103.9 81.3 121.9

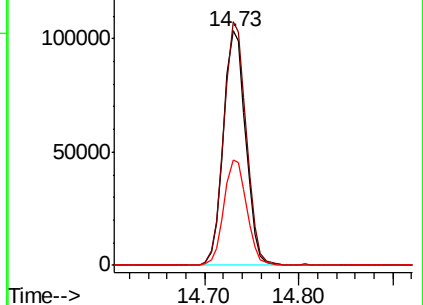
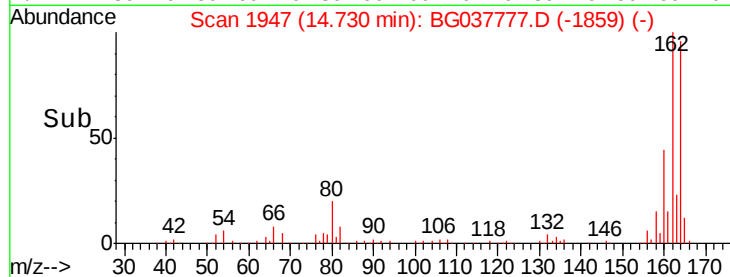
160 45.2 36.3 54.5



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



#42

2,4,6-Tribromophenol

Concen: 104.189 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037777.D

Acq: 3 Nov 2018 5:49

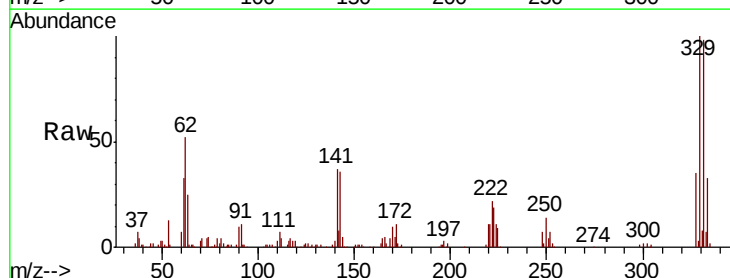
Tgt Ion:330 Resp: 194285

Ion Ratio Lower Upper

330 100

332 97.3 78.4 117.6

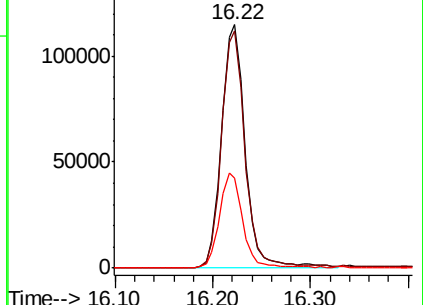
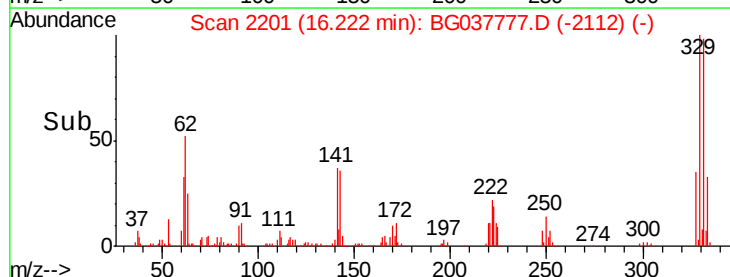
141 37.9 32.2 48.2

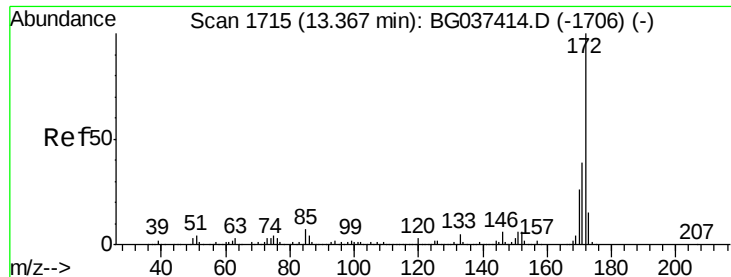


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

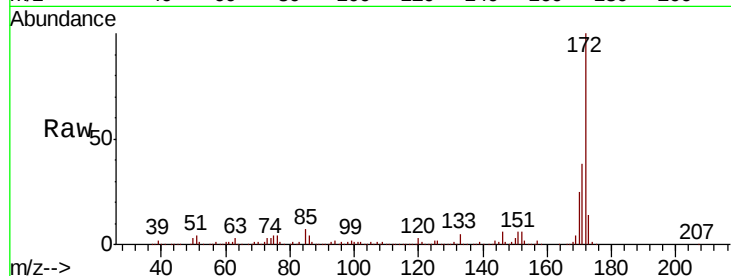




#45
 2-Fluorobiphenyl
 Concen: 82.318 ng
 RT: 13.36 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG037777.D
 Acq: 3 Nov 2018 5:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.0	46.4
170	25.1	20.2	30.2

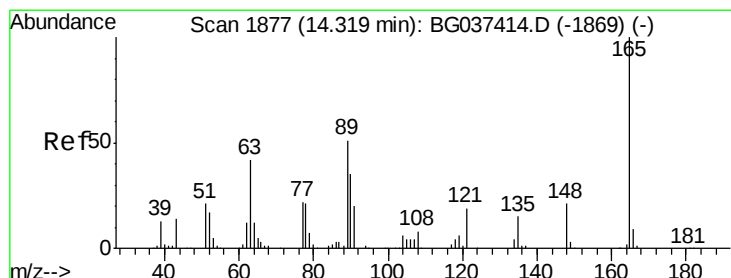
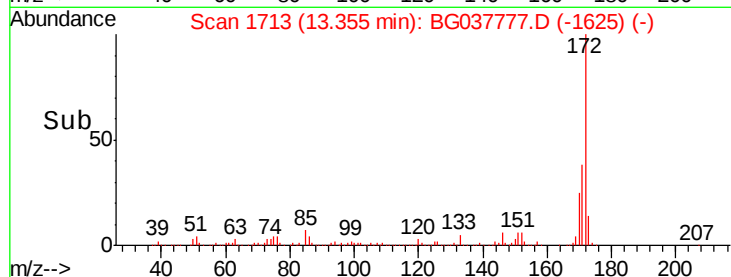
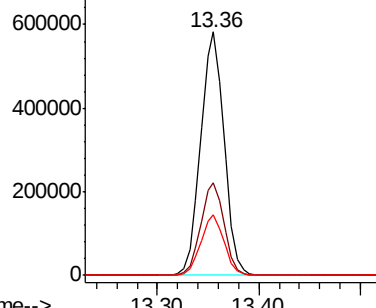


Abundance

Ion 172.00 (171.70 to 172.70): E

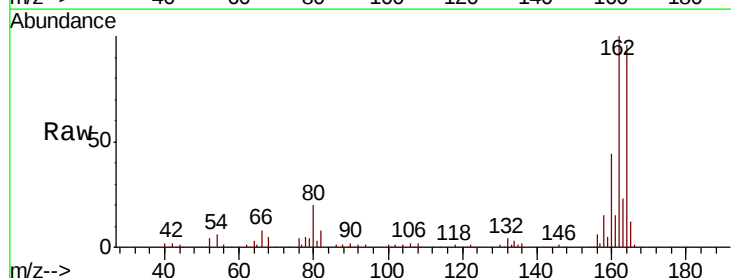
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#51
 2,6-Dinitrotoluene
 Concen: 7.466 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. 0.41 min
 Lab File: BG037777.D
 Acq: 3 Nov 2018 5:49

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	1.4	45.8	68.6#

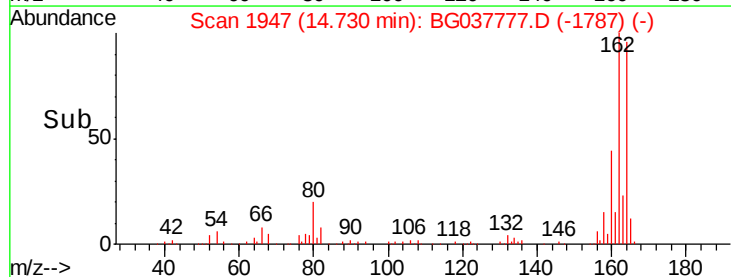
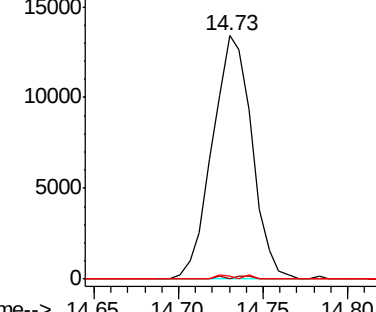


Abundance

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

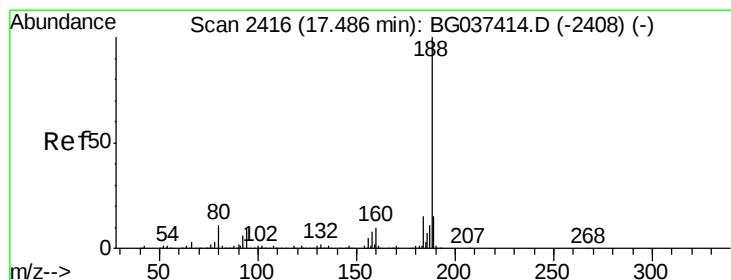
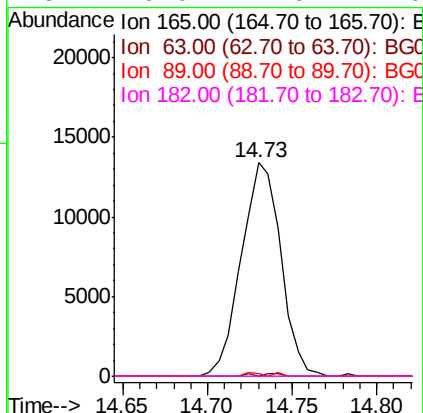
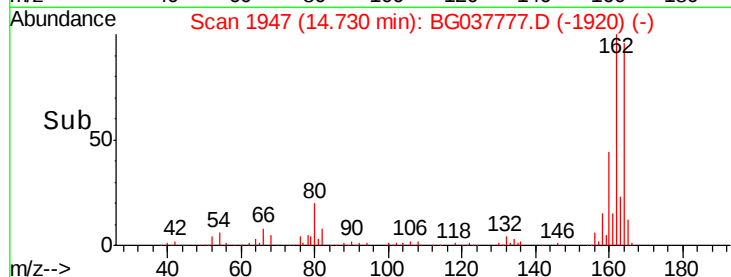
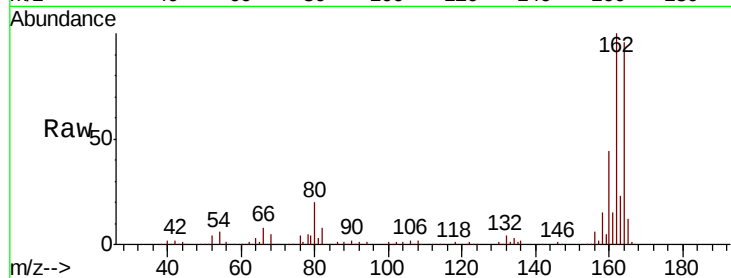




#57
 2,4-Dinitrotoluene
 Concen: 5.688 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.37 min
 Lab File: BG037777.D
 Acq: 3 Nov 2018 5:49

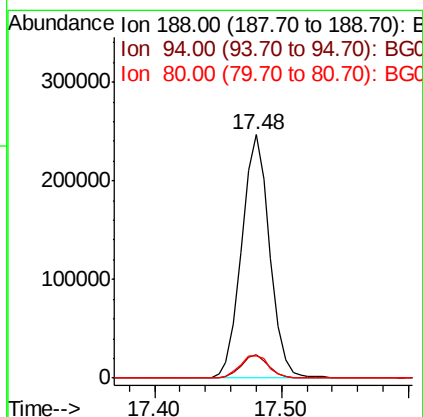
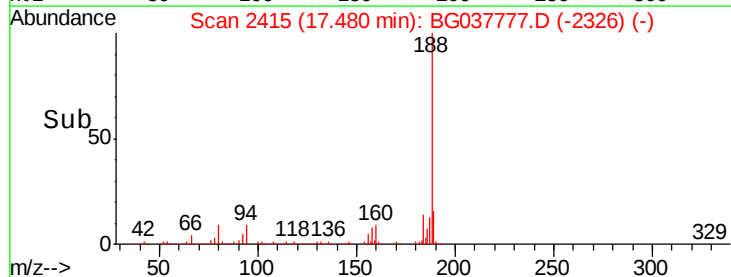
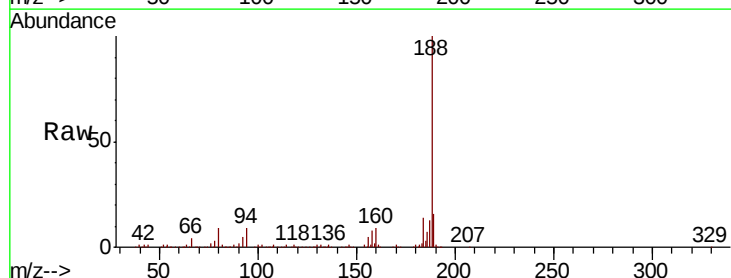
Instrument :
 BNA_G
 ClientSampleId :

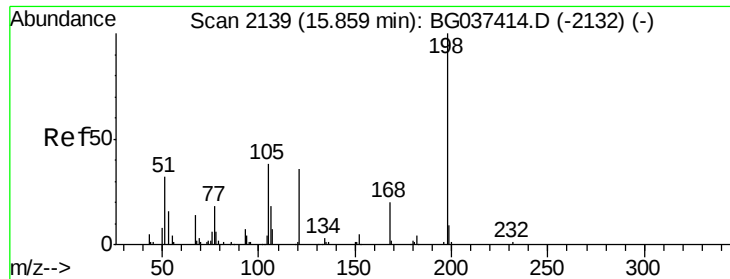
Tot Ion:165	Resp:	21845
Ion Ratio	Lower	Upper
165	100	
63	0.0	33.4 50.0#
89	1.4	57.2 85.8#
182	0.0	2.6 4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BG037777.D
 Acq: 3 Nov 2018 5:49

Tgt Ion:188	Resp:	377602
Ion Ratio	Lower	Upper
188	100	
94	9.4	7.2 10.8
80	9.2	7.7 11.5

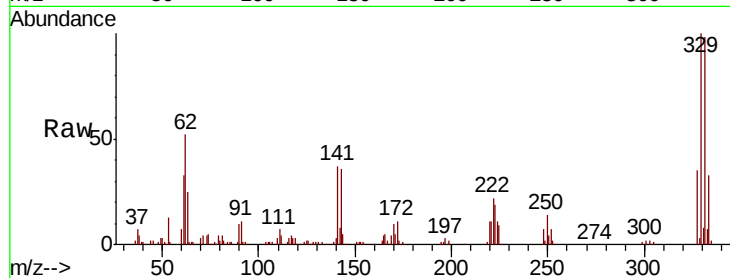




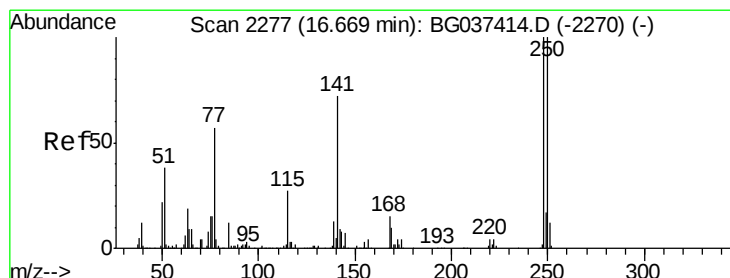
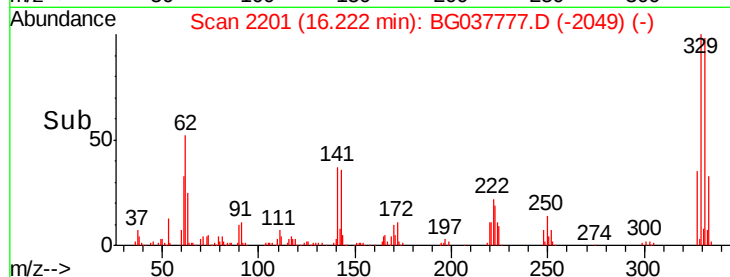
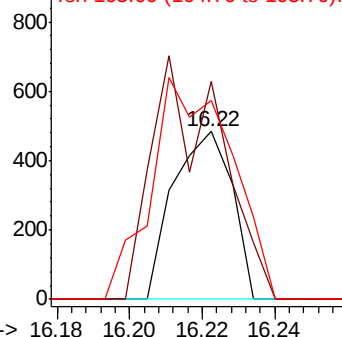
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.733 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. 0.36 min
 Lab File: BG037777.D
 Acq: 3 Nov 2018 5:49

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:198 Resp: 543
 Ion Ratio Lower Upper
 198 100
 51 27.6 22.7 62.7
 105 25.2 19.7 59.7

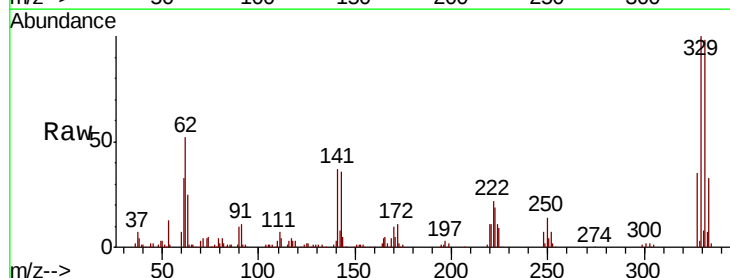


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG0
 Ion 105.00 (104.70 to 105.70): E

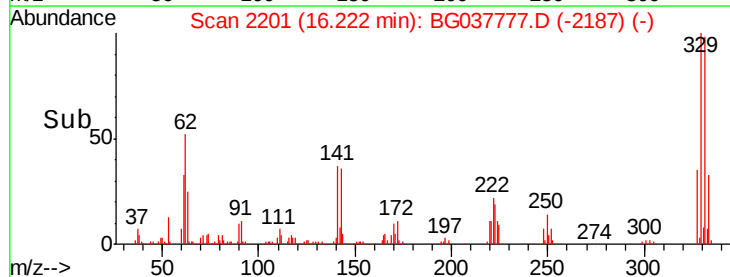
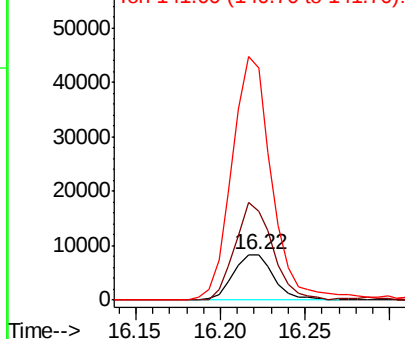


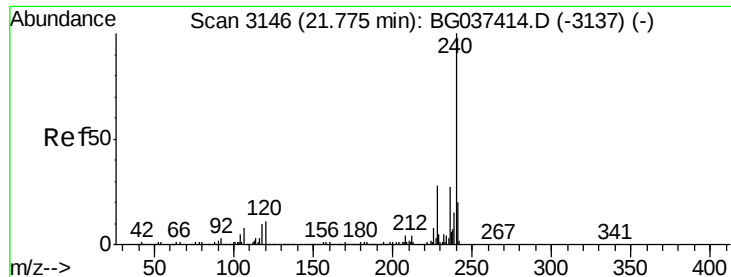
#67
 4-Bromophenyl-phenylether
 Concen: 3.380 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037777.D
 Acq: 3 Nov 2018 5:49

Tgt Ion:248 Resp: 14017
 Ion Ratio Lower Upper
 248 100
 250 189.5 77.0 115.6#
 141 383.3 55.5 83.3#



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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG037777.D

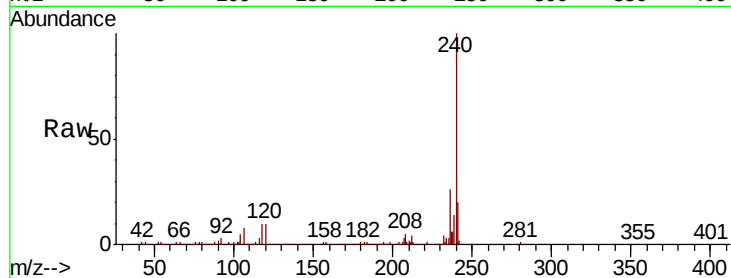
Acq: 3 Nov 2018 5:49

Instrument :

BNA_G

ClientSampled :

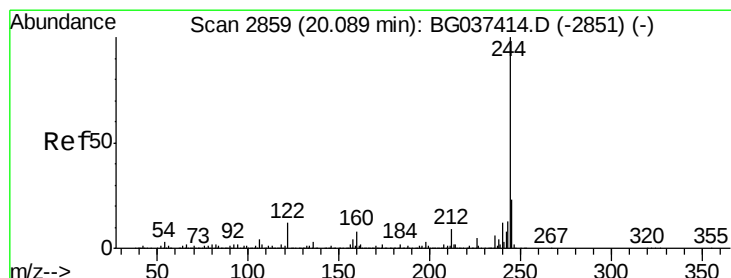
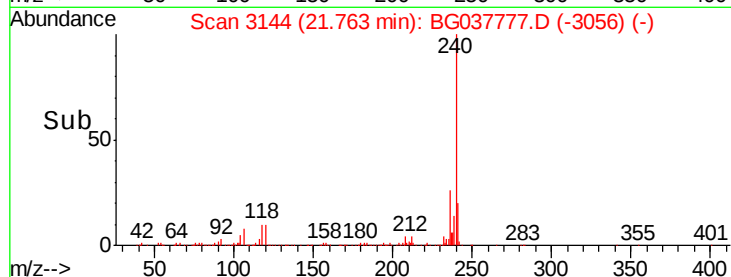
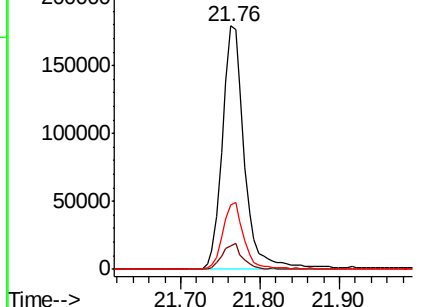
Tot Ion:240	Resp:	346203
Ion Ratio	Lower	Upper
240	100	
120	9.9	8.1 12.1
236	26.5	21.4 32.0



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



#79

Terphenyl-d14

Concen: 82.115 ng

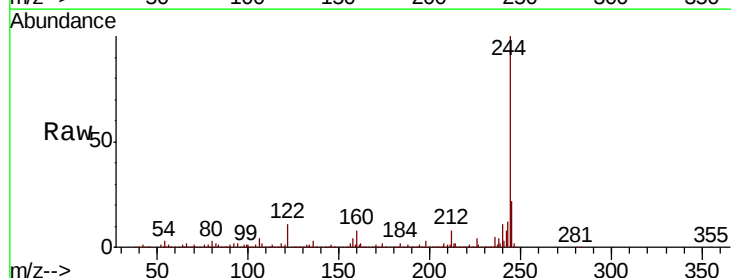
RT: 20.08 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG037777.D

Acq: 3 Nov 2018 5:49

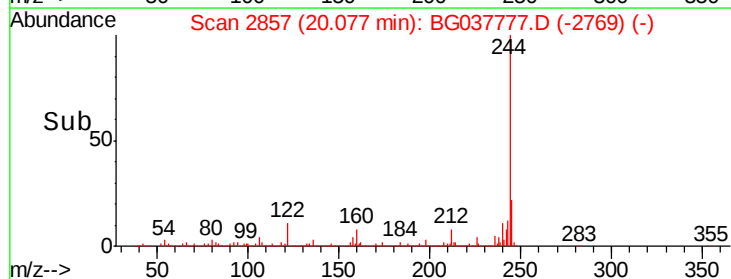
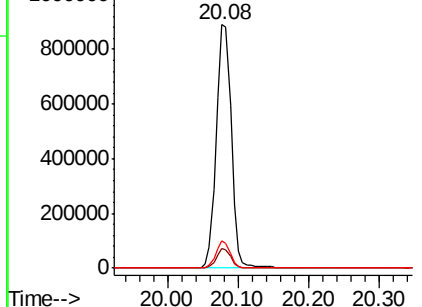
Tgt Ion:244	Resp:	1330443
Ion Ratio	Lower	Upper
244	100	
212	8.0	6.5 9.7
122	11.3	9.0 13.4



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





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.01 min
Lab File: BG037777.D
Acq: 3 Nov 2018 5:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.7	18.2	27.4
265	19.8	17.9	26.9

