

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110118\
 Data File : BG037738.D
 Acq On : 2 Nov 2018 3:40
 Operator : JU/SJ
 Sample : J5192-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 02 07:15:17 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

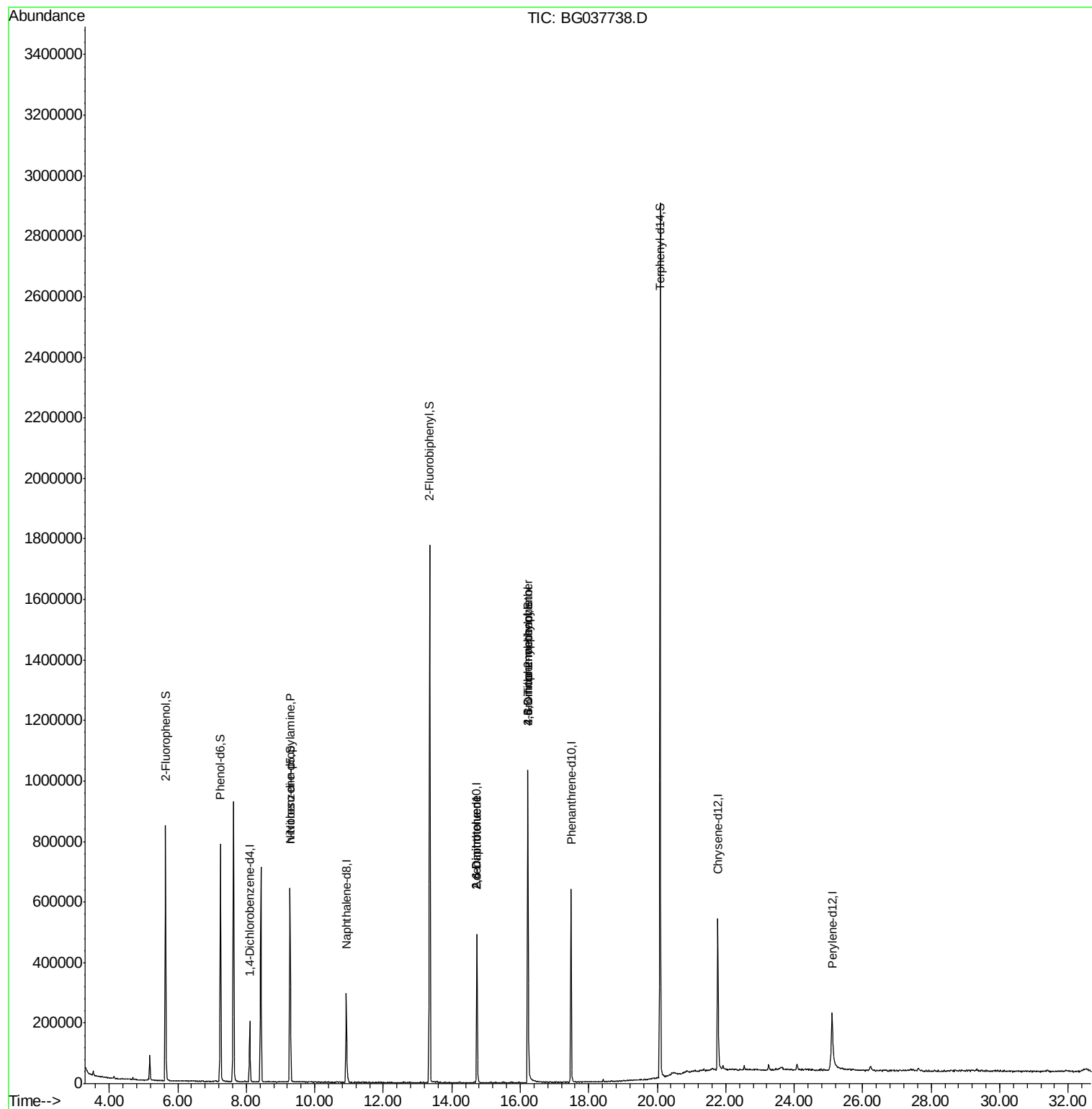
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	59202	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	273677	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	175327	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	393659	20.00	ng	0.00
76) Chrysene-d12	21.77	240	345832	20.00	ng	0.00
87) Perylene-d12	25.10	264	291678	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	391595	110.59	ng	0.00
7) Phenol-d6	7.24	99	510757	95.39	ng	0.00
23) Nitrobenzene-d5	9.28	82	412487	84.43	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	214248	112.04	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	986539	84.85	ng	0.00
79) Terphenyl-d14	20.08	244	1457615	90.06	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.28	70	53016	14.378	ng	# 74
51) 2,6-Dinitrotoluene	14.73	165	22517	7.504	ng	# 26
57) 2,4-Dinitrotoluene	14.73	165	22517	5.717	ng	# 26
65) 4,6-Dinitro-2-methylphenol	16.22	198	440	8.683	ng	# 74
67) 4-Bromophenyl-phenylether	16.23	248	14794	3.422	ng	# 1

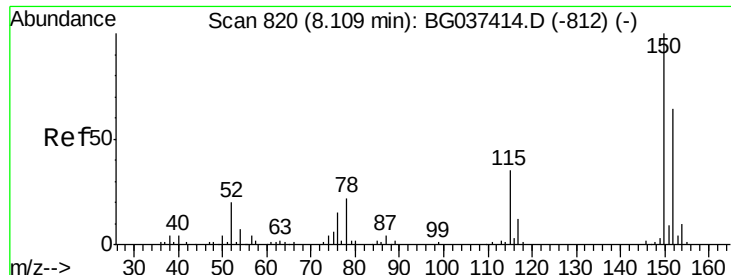
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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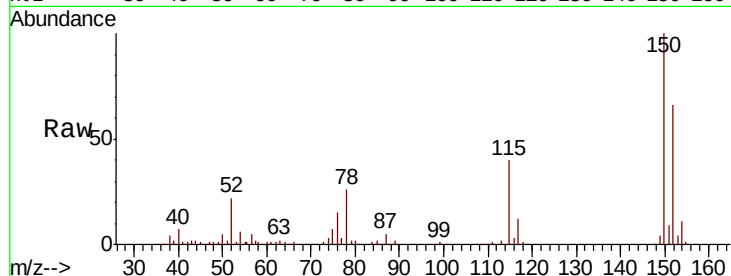


#1

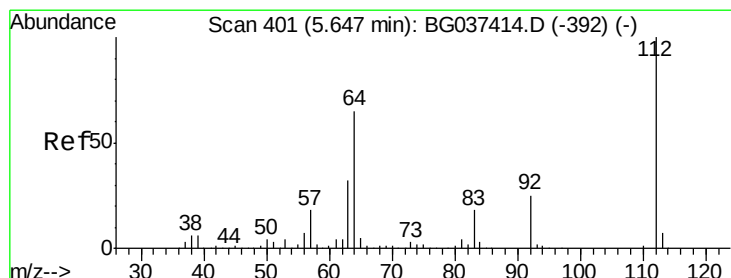
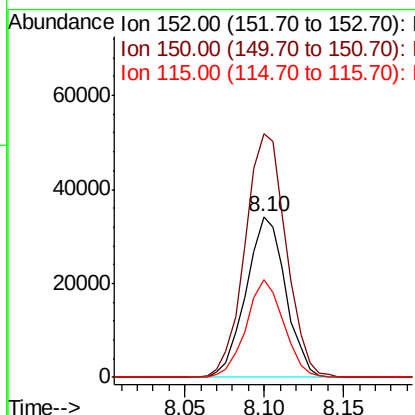
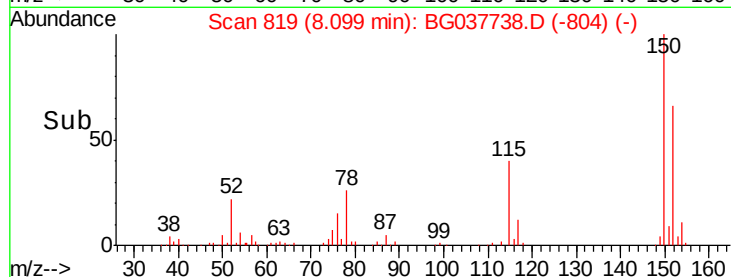
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.10 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BG037738.D
 Acq: 2 Nov 2018 3:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 59202
 Ion Ratio Lower Upper
 152 100
 150 151.7 126.0 189.0
 115 60.9 45.5 68.3



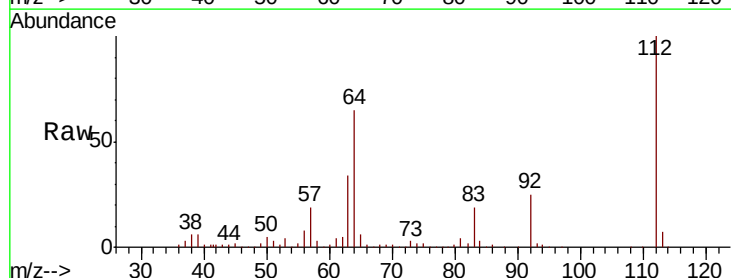
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



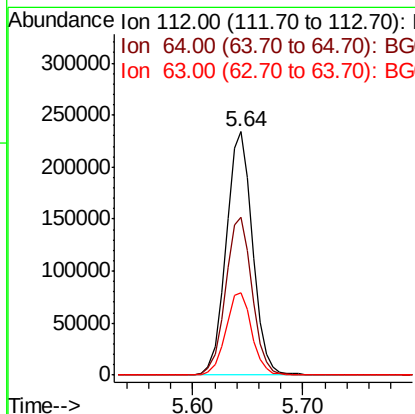
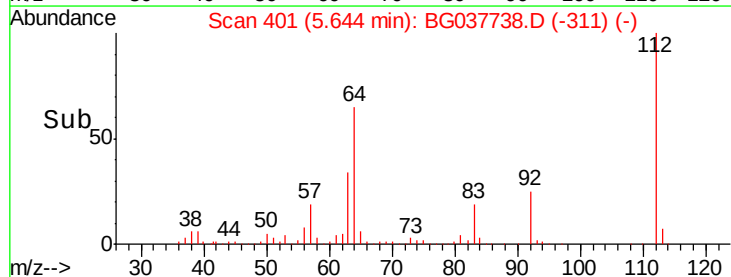
#5

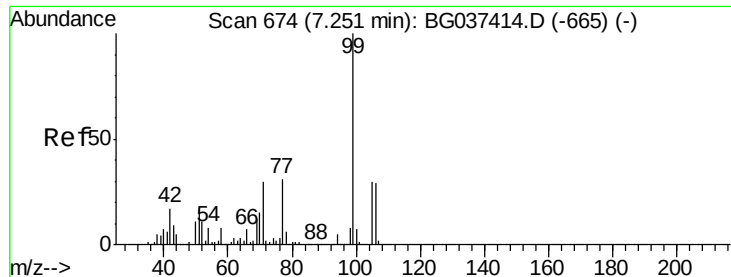
2-Fluorophenol
 Concen: 110.586 ng
 RT: 5.64 min Scan# 401
 Delta R.T. -0.00 min
 Lab File: BG037738.D
 Acq: 2 Nov 2018 3:40

Tgt Ion:112 Resp: 391595
 Ion Ratio Lower Upper
 112 100
 64 65.0 53.1 79.7
 63 33.6 27.3 40.9



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: 95.387 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037738.D

Acq: 2 Nov 2018 3:40

Instrument :

BNA_G

ClientSampleId :

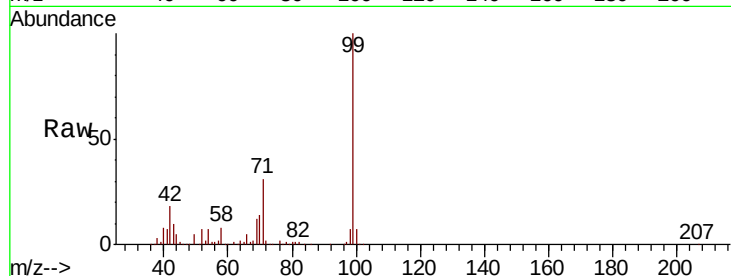
Tot Ion: 99 Resp: 510757

Ion Ratio Lower Upper

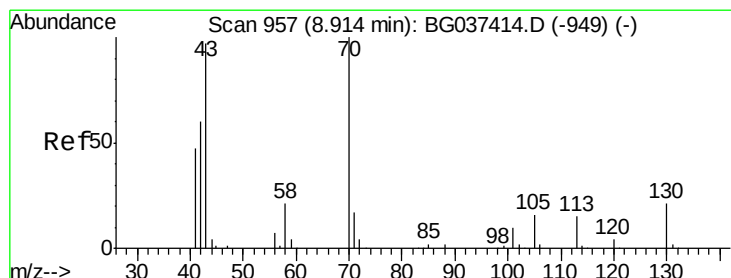
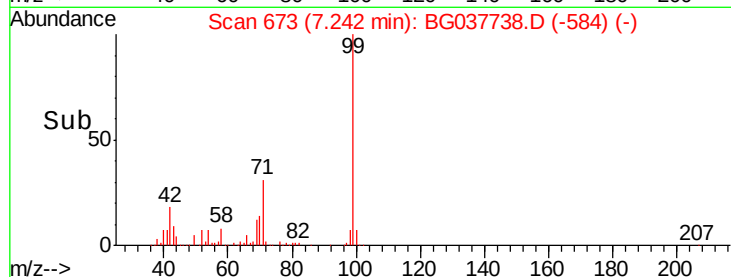
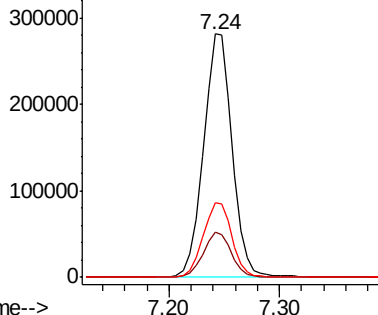
99 100

42 18.4 15.0 22.4

71 30.5 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: 14.378 ng

RT: 9.28 min Scan# 1020

Delta R.T. 0.37 min

Lab File: BG037738.D

Acq: 2 Nov 2018 3:40

Tgt Ion: 70 Resp: 53016

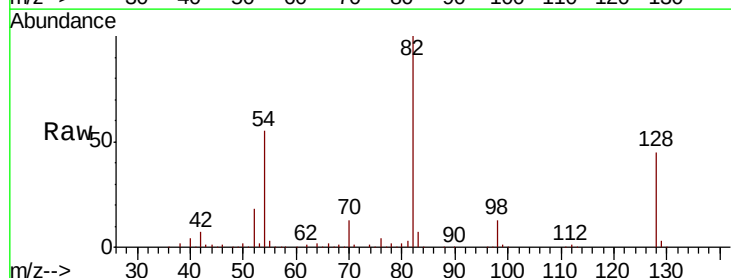
Ion Ratio Lower Upper

70 100

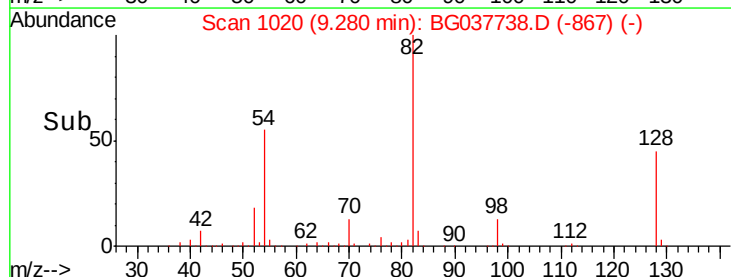
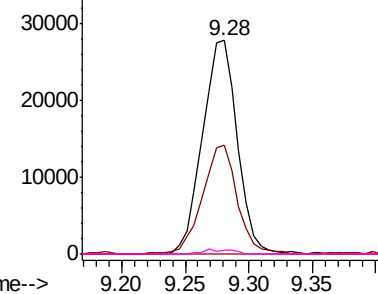
42 50.7 53.9 80.9#

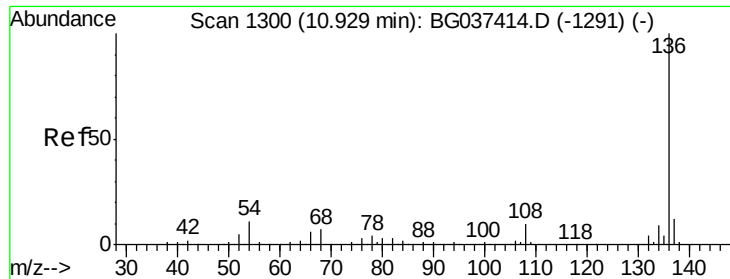
101 0.0 8.2 12.2#

130 2.0 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

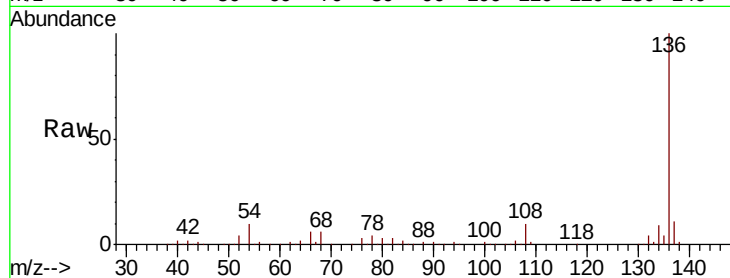




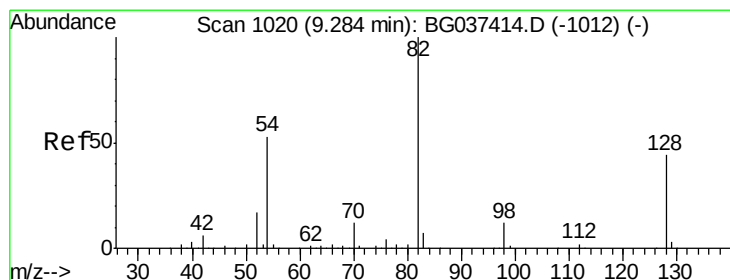
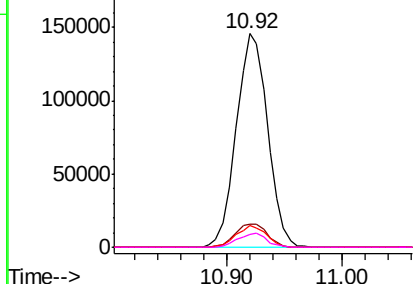
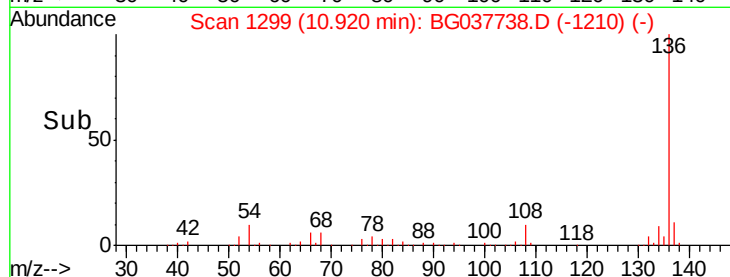
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037738.D
Acq: 2 Nov 2018 3:40

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	273677
Ion	Ratio	Lower Upper
136	100	
137	11.0	9.6 14.4
54	10.0	7.9 11.9
68	6.2	4.8 7.2

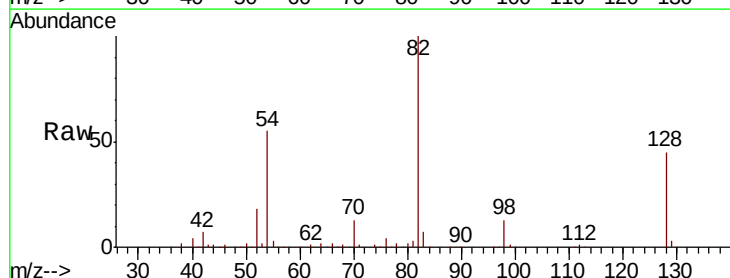


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

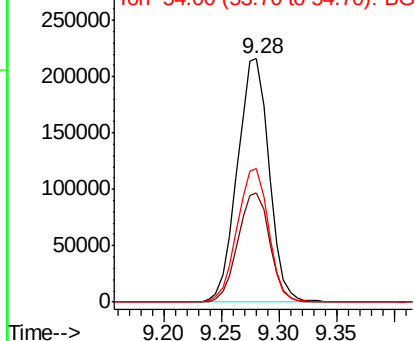
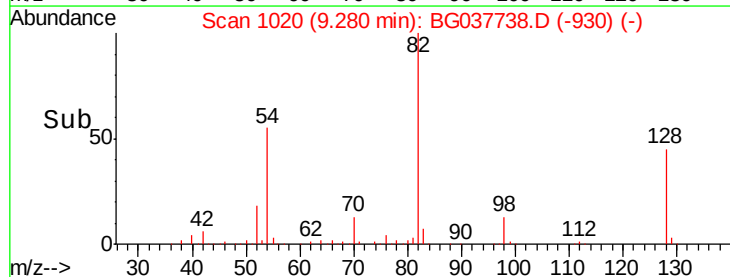


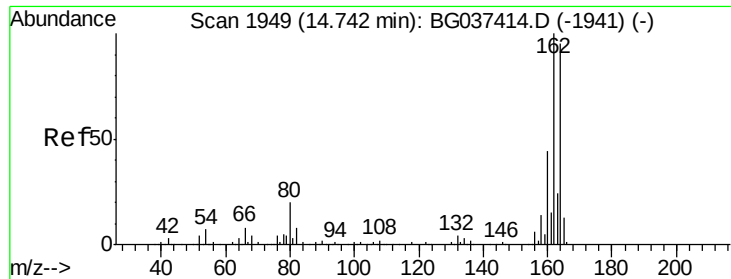
#23
Nitrobenzene-d5
Concen: 84.432 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037738.D
Acq: 2 Nov 2018 3:40

Tgt Ion: 82	Resp:	412487
Ion	Ratio	Lower Upper
82	100	
128	44.6	34.6 51.8
54	54.8	45.3 67.9



Abundance Ion 82.00 (81.70 to 82.70): BG
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BG





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037738.D

Acq: 2 Nov 2018 3:40

Instrument :

BNA_G

ClientSampleId :

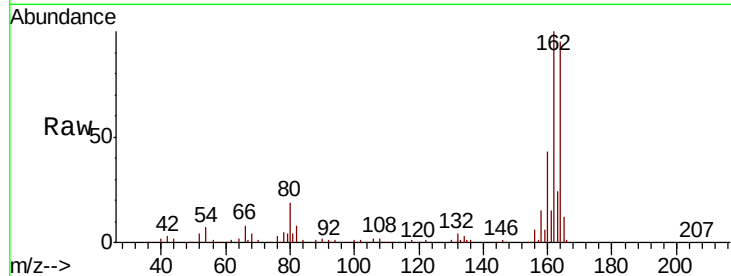
Tot Ion:164 Resp: 175327

Ion Ratio Lower Upper

164 100

162 104.8 81.3 121.9

160 44.9 36.3 54.5

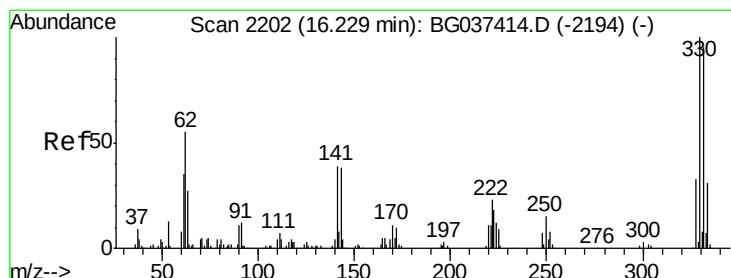
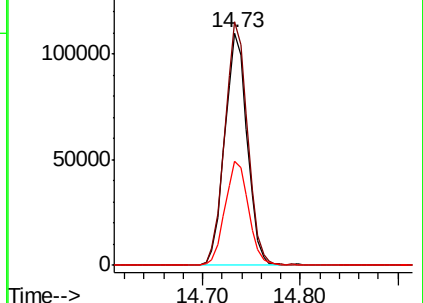
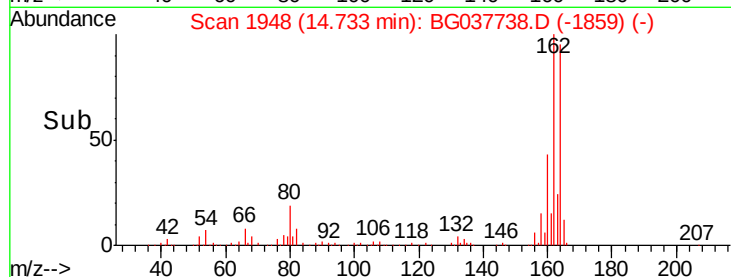


Abundance

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: 112.038 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037738.D

Acq: 2 Nov 2018 3:40

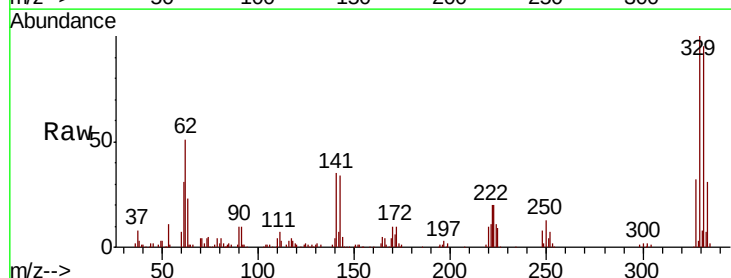
Tgt Ion:330 Resp: 214248

Ion Ratio Lower Upper

330 100

332 94.7 78.4 117.6

141 37.4 32.2 48.2

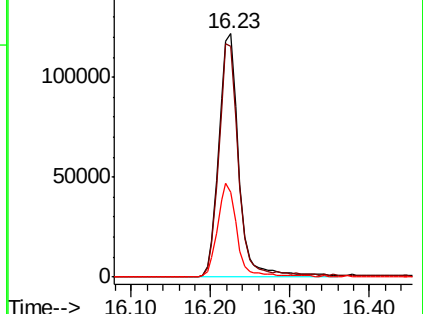
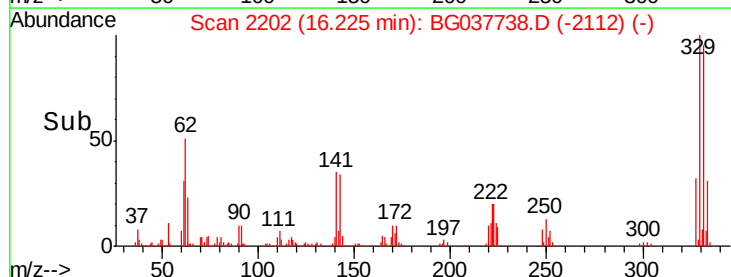


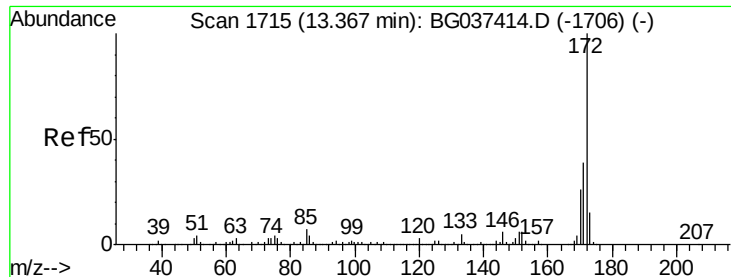
Abundance

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

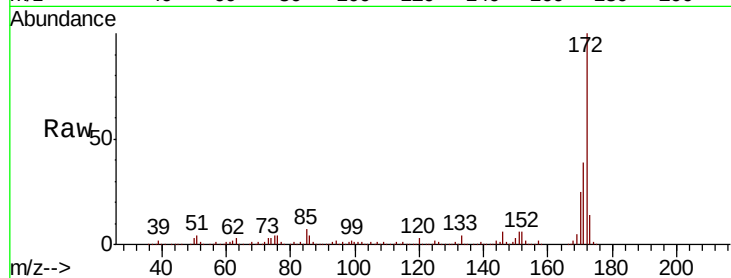




#45
 2-Fluorobiphenyl
 Concen: 84.850 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037738.D
 Acq: 2 Nov 2018 3:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.0	46.4
170	25.1	20.2	30.2

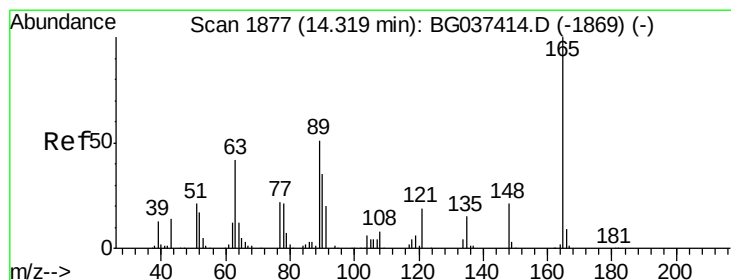
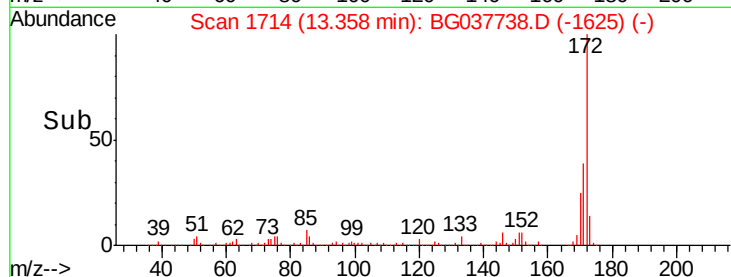
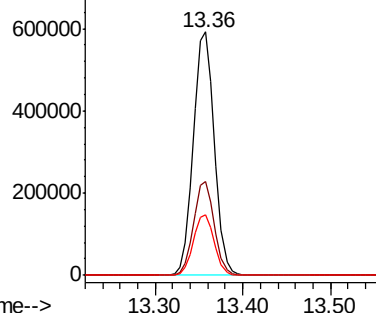


Abundance

Ion 172.00 (171.70 to 172.70): E

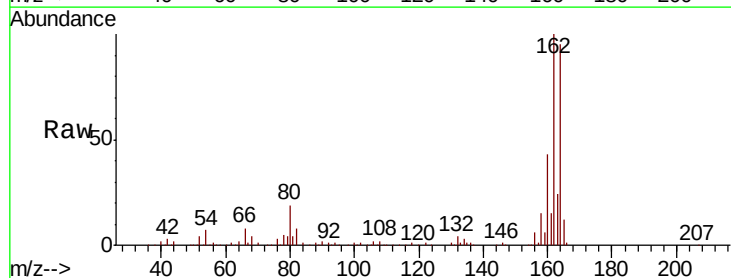
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#51
 2,6-Dinitrotoluene
 Concen: 7.504 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. 0.41 min
 Lab File: BG037738.D
 Acq: 2 Nov 2018 3:40

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	43.4	65.2#
89	2.3	45.8	68.6#

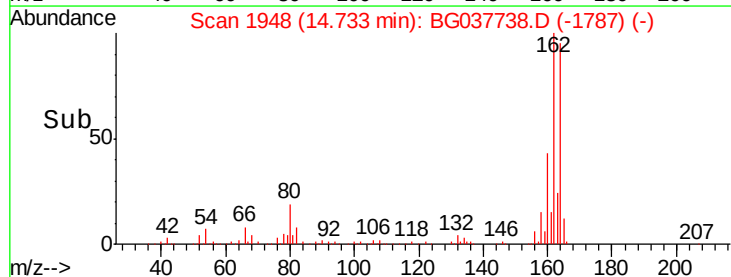
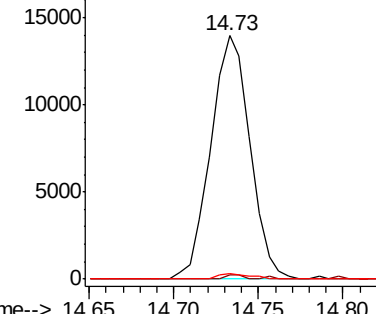


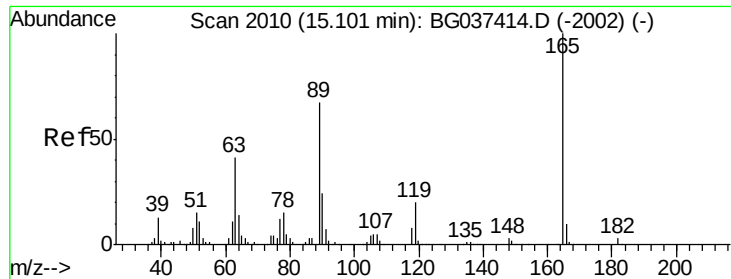
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

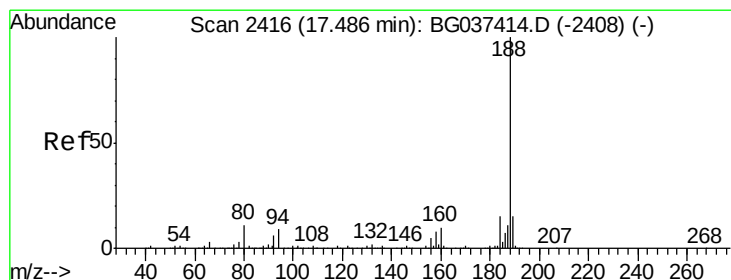
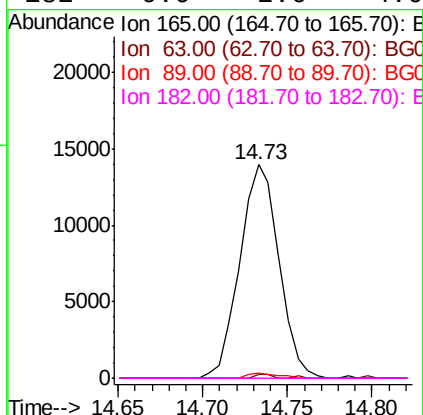
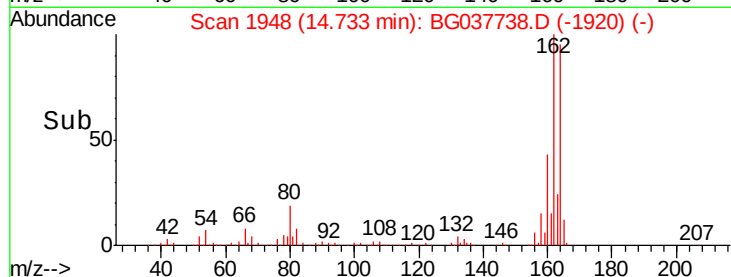
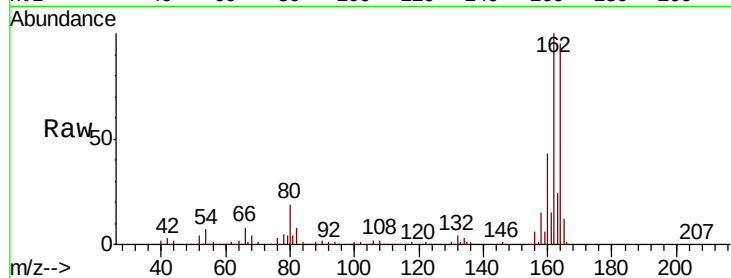




#57
 2,4-Dinitrotoluene
 Concen: 5.717 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.37 min
 Lab File: BG037738.D
 Acq: 2 Nov 2018 3:40

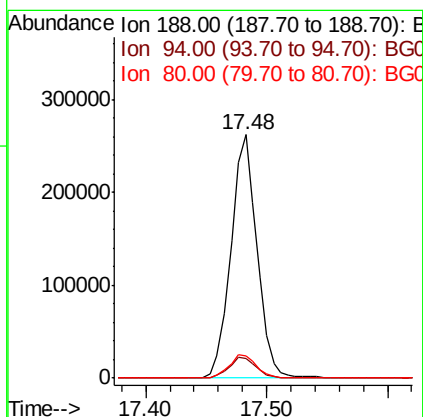
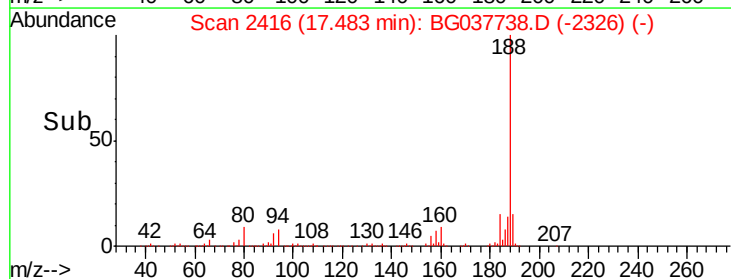
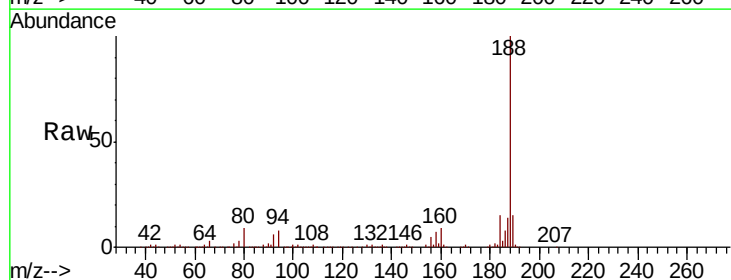
Instrument :
 BNA_G
 ClientSampleId :

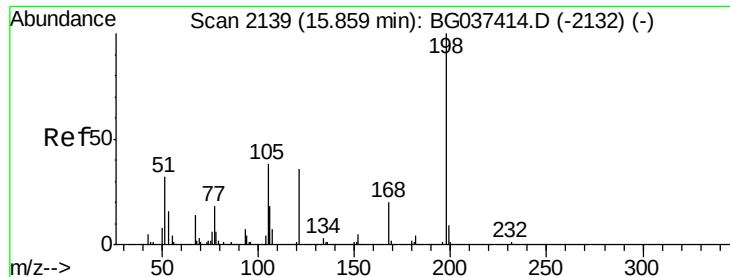
Tot Ion:165	Resp:	22517
Ion Ratio	Lower	Upper
165	100	
63	1.5	33.4 50.0#
89	2.3	57.2 85.8#
182	0.0	2.6 4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2416
 Delta R.T. -0.00 min
 Lab File: BG037738.D
 Acq: 2 Nov 2018 3:40

Tgt Ion:188	Resp:	393659
Ion Ratio	Lower	Upper
188	100	
94	8.2	7.2 10.8
80	9.0	7.7 11.5

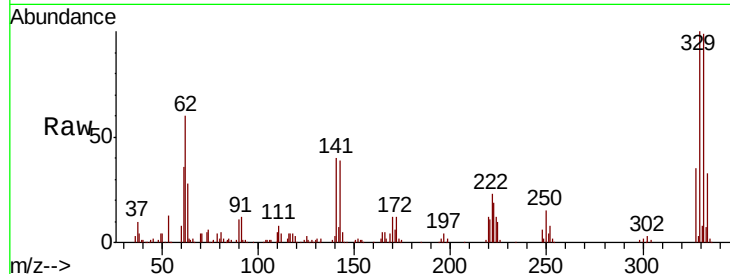




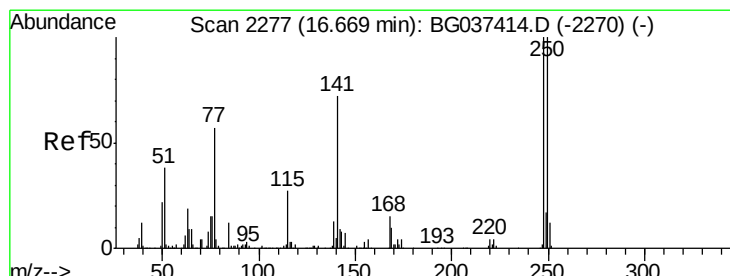
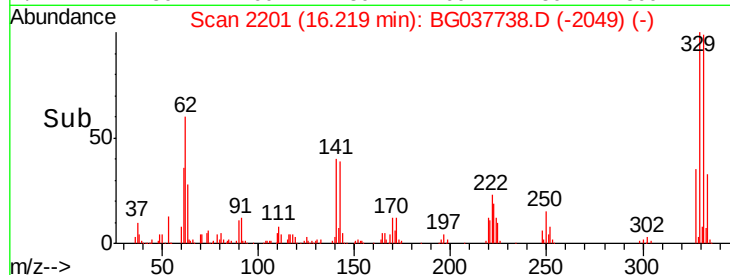
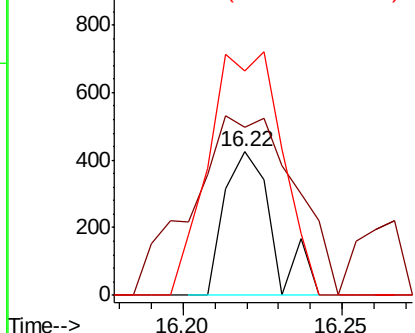
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.683 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. 0.36 min
 Lab File: BG037738.D
 Acq: 2 Nov 2018 3:40

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:198 Resp: 440
 Ion Ratio Lower Upper
 198 100
 51 21.2 22.7 62.7#
 105 28.3 19.7 59.7

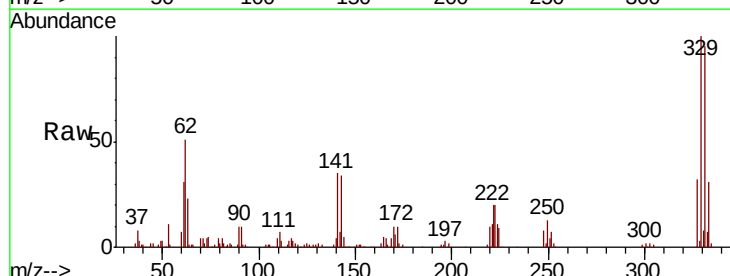


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

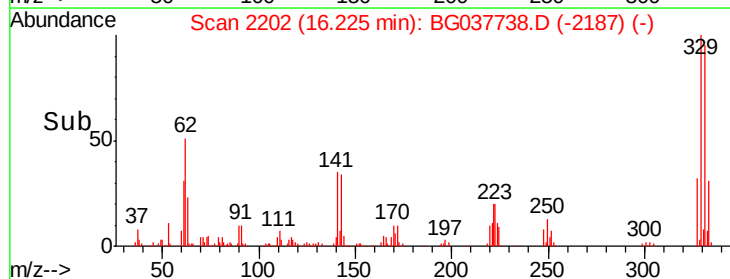
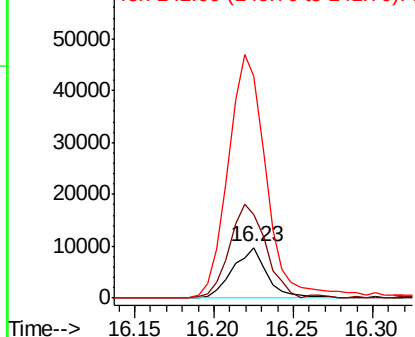


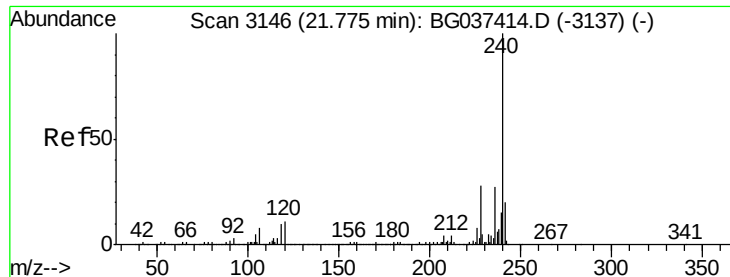
#67
 4-Bromophenyl-phenylether
 Concen: 3.422 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. -0.44 min
 Lab File: BG037738.D
 Acq: 2 Nov 2018 3:40

Tgt Ion:248 Resp: 14794
 Ion Ratio Lower Upper
 248 100
 250 178.8 77.0 115.6#
 141 353.9 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

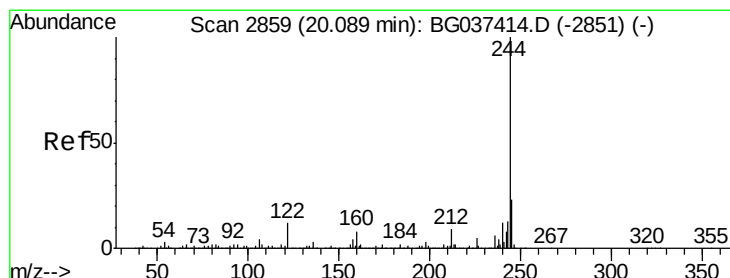
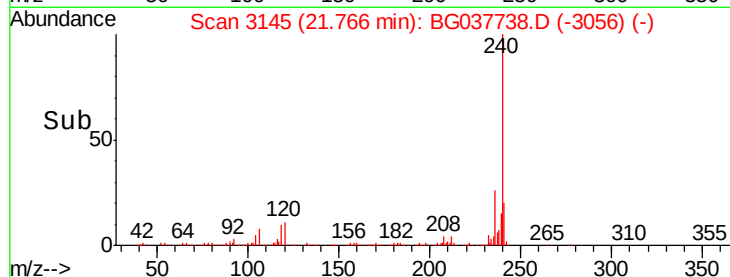
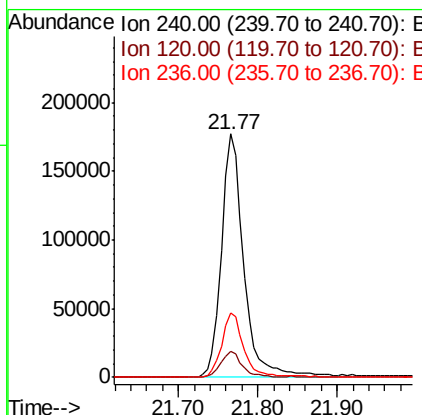
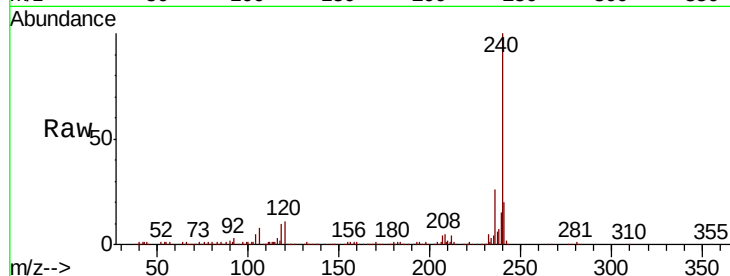




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.77 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG037738.D
 Acq: 2 Nov 2018 3:40

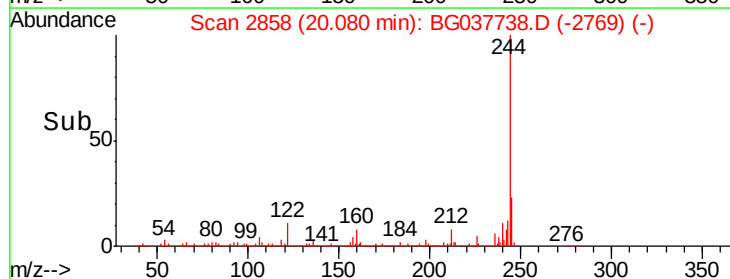
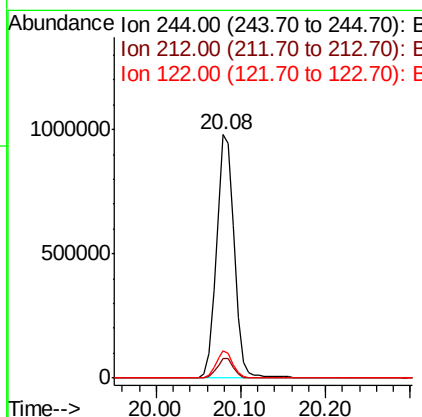
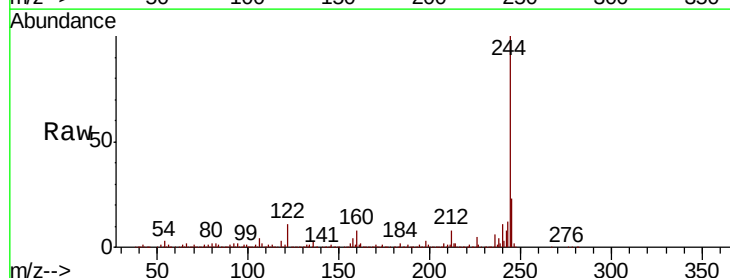
Instrument :
 BNA_G
 ClientSampleId :

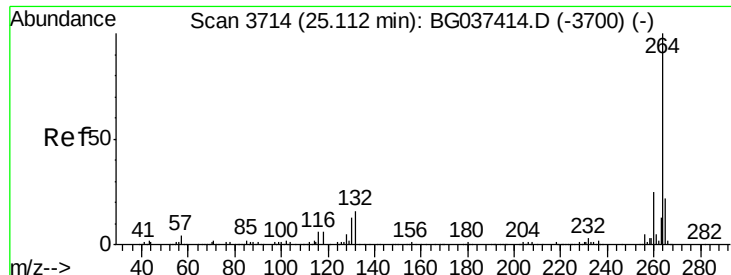
Tot Ion:240 Resp: 345832
 Ion Ratio Lower Upper
 240 100
 120 10.9 8.1 12.1
 236 26.2 21.4 32.0



#79
 Terphenyl-d14
 Concen: 90.061 ng
 RT: 20.08 min Scan# 2858
 Delta R.T. -0.01 min
 Lab File: BG037738.D
 Acq: 2 Nov 2018 3:40

Tgt Ion:244 Resp: 1457615
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.5 9.7
 122 11.1 9.0 13.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3713
Delta R.T. -0.01 min
Lab File: BG037738.D
Acq: 2 Nov 2018 3:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	27.1	18.2	27.4
265	22.4	17.9	26.9

