

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110218\
 Data File : BG037762.D
 Acq On : 2 Nov 2018 19:58
 Operator : JU/SJ
 Sample : PB114425BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 03 02:29:47 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

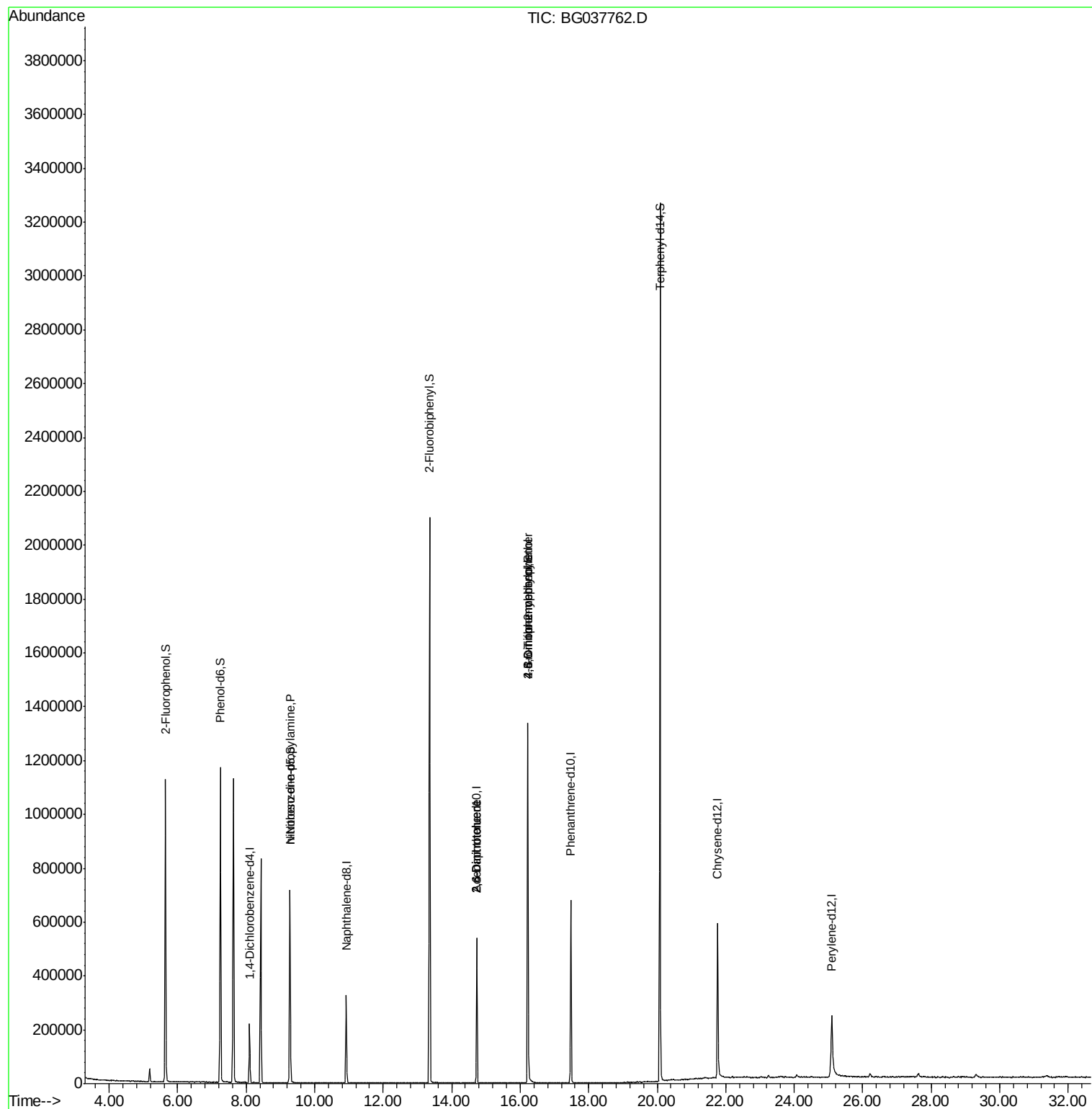
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	67235	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	297194	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	194887	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	442315	20.00	ng	0.00
76) Chrysene-d12	21.76	240	399535	20.00	ng	-0.01
87) Perylene-d12	25.10	264	319754	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	524778	130.49	ng	0.00
7) Phenol-d6	7.24	99	757243	124.52	ng	0.00
23) Nitrobenzene-d5	9.28	82	453589	85.50	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	272746	128.31	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	1130247	87.45	ng	-0.01
79) Terphenyl-d14	20.08	244	1601919	85.67	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.28	70	57178	13.654	ng	# 70
51) 2,6-Dinitrotoluene	14.73	165	25921	7.772	ng	# 26
57) 2,4-Dinitrotoluene	14.73	165	25921	5.921	ng	# 26
65) 4,6-Dinitro-2-methylphenol	16.22	198	926	8.836	ng	75
67) 4-Bromophenyl-phenylether	16.22	248	20002	4.118	ng	# 1

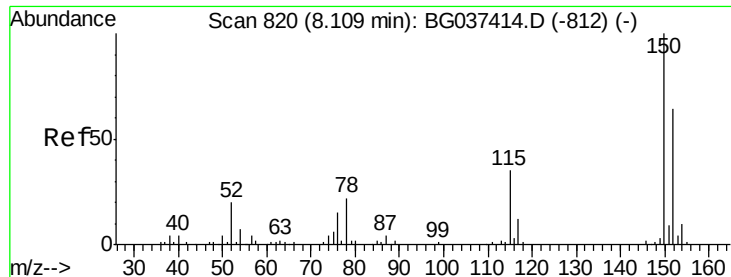
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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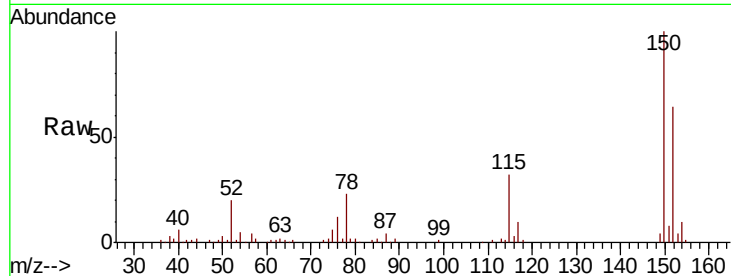


#1

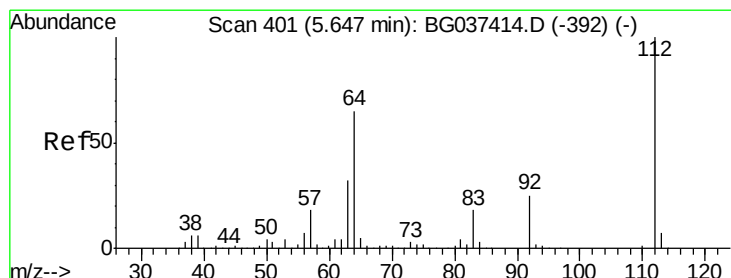
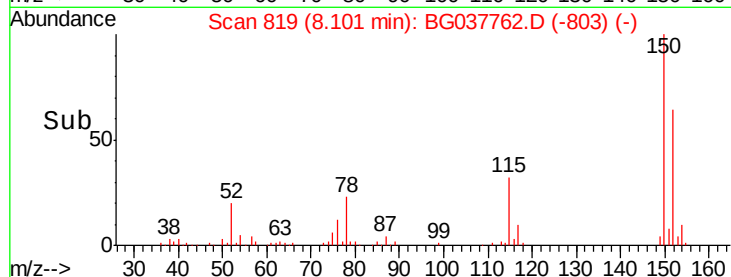
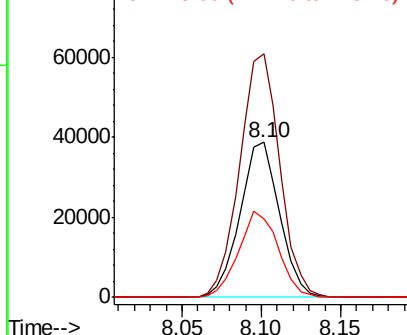
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037762.D
Acq: 2 Nov 2018 19:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 67235
Ion Ratio Lower Upper
152 100
150 157.2 126.0 189.0
115 50.8 45.5 68.3



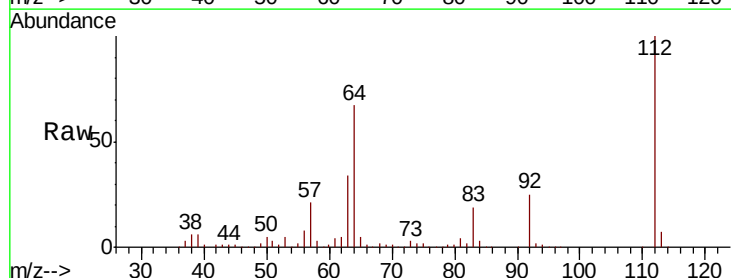
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



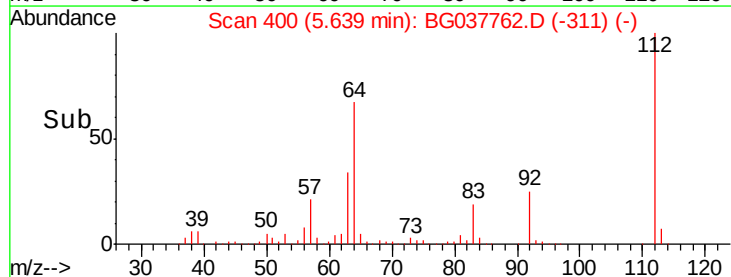
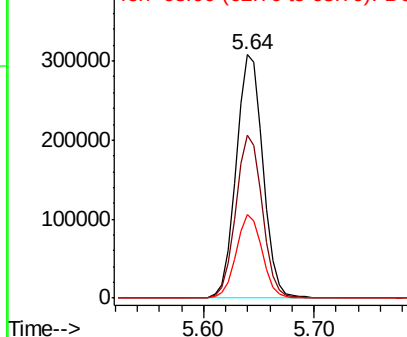
#5

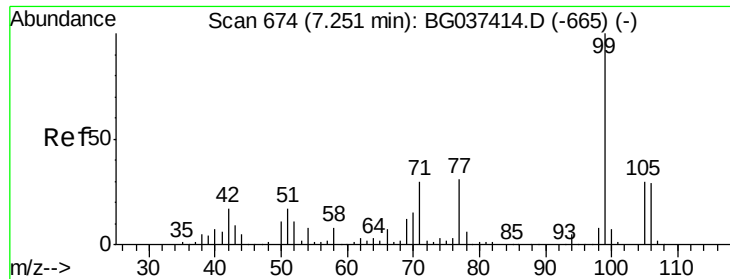
2-Fluorophenol
Concen: 130.490 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037762.D
Acq: 2 Nov 2018 19:58

Tgt Ion:112 Resp: 524778
Ion Ratio Lower Upper
112 100
64 67.0 53.1 79.7
63 34.4 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: 124.523 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037762.D

Acq: 2 Nov 2018 19:58

Instrument :

BNA_G

ClientSampled :

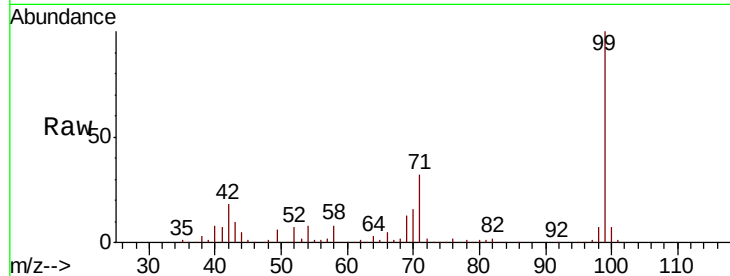
Tot Ion: 99 Resp: 757243

Ion Ratio Lower Upper

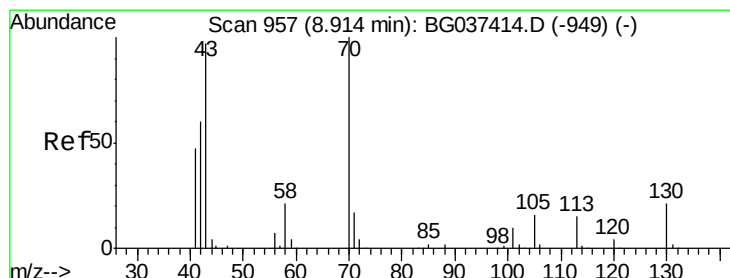
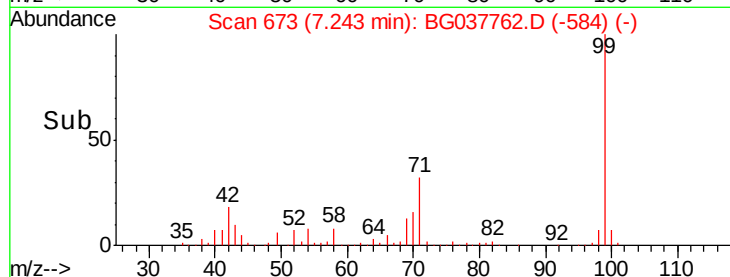
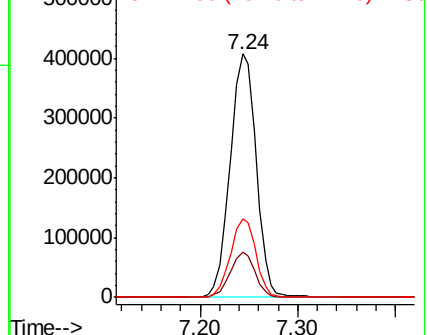
99 100

42 18.4 15.0 22.4

71 32.2 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: 13.654 ng

RT: 9.28 min Scan# 1019

Delta R.T. 0.36 min

Lab File: BG037762.D

Acq: 2 Nov 2018 19:58

Tgt Ion: 70 Resp: 57178

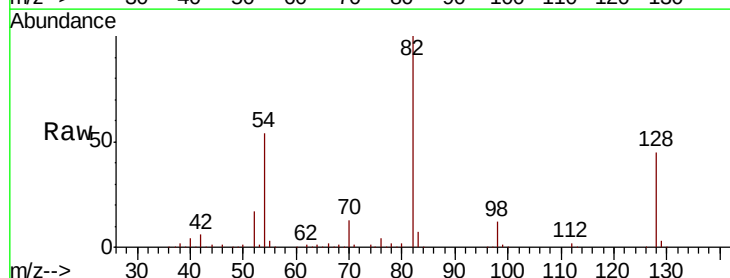
Ion Ratio Lower Upper

70 100

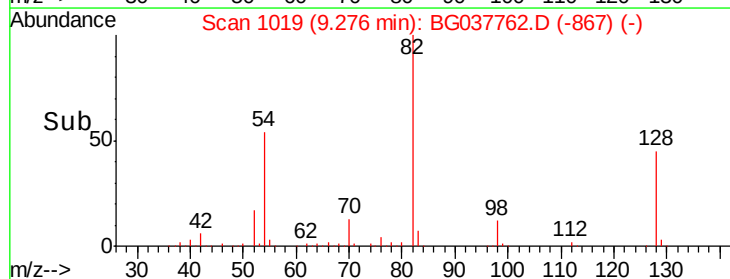
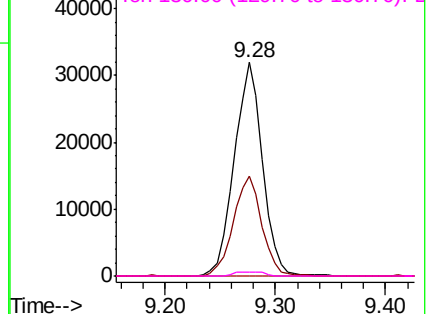
42 46.6 53.9 80.9#

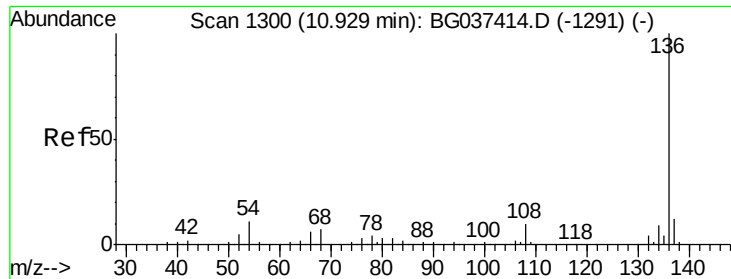
101 0.0 8.2 12.2#

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

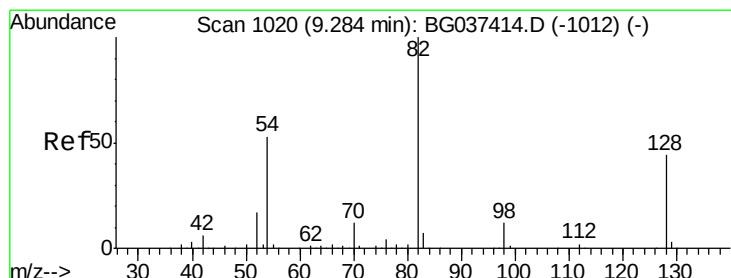
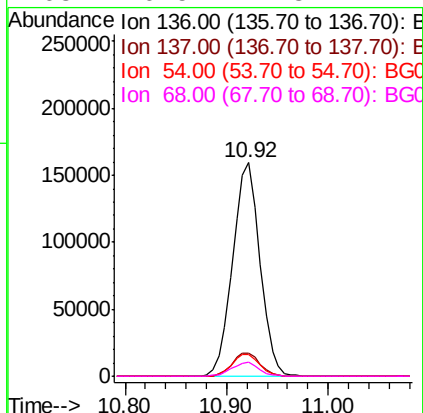
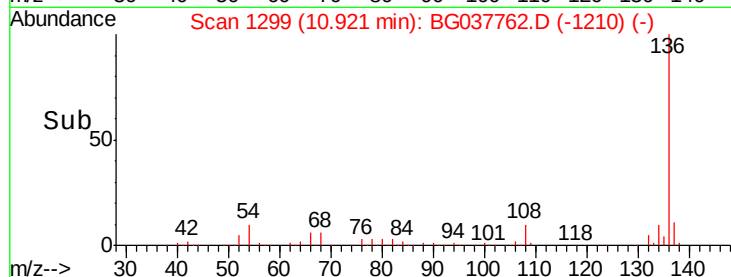
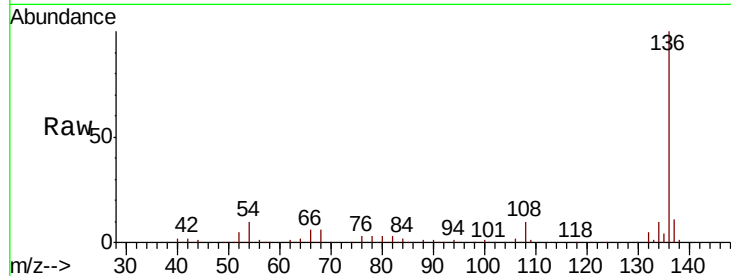




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037762.D
Acq: 2 Nov 2018 19:58

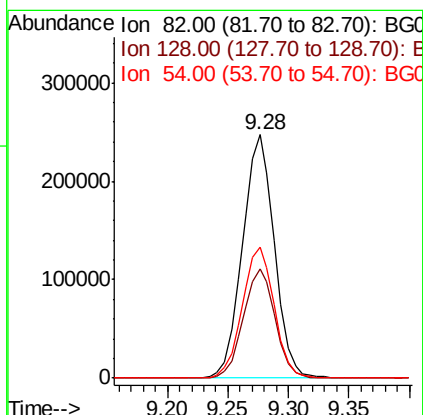
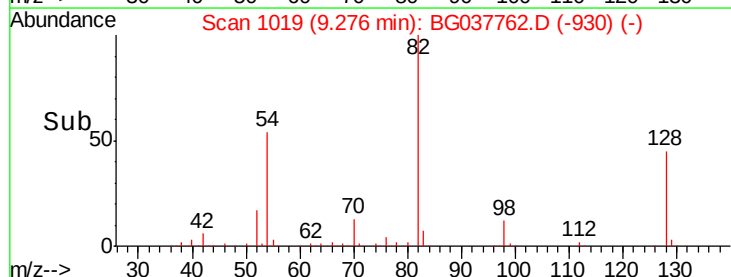
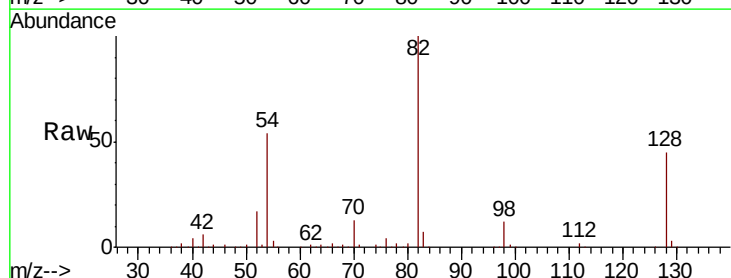
Instrument :
BNA_G
ClientSampled :

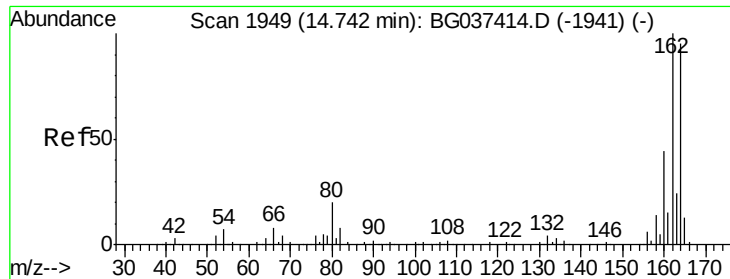
Tot Ion:136	Resp:	297194
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.6 14.4
54	10.0	7.9 11.9
68	6.5	4.8 7.2



#23
Nitrobenzene-d5
Concen: 85.498 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037762.D
Acq: 2 Nov 2018 19:58

Tgt Ion: 82	Resp:	453589
Ion Ratio	Lower	Upper
82	100	
128	44.9	34.6 51.8
54	53.8	45.3 67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037762.D

Acq: 2 Nov 2018 19:58

Instrument :

BNA_G

ClientSampleId :

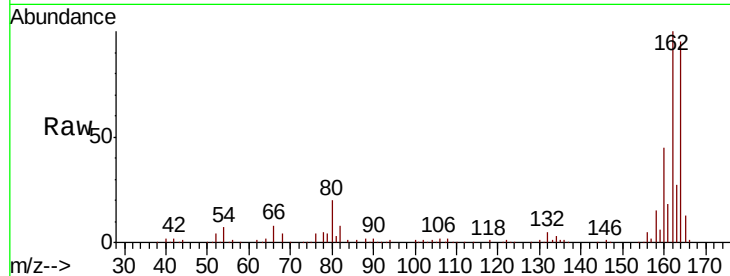
Tot Ion:164 Resp: 194887

Ion Ratio Lower Upper

164 100

162 104.9 81.3 121.9

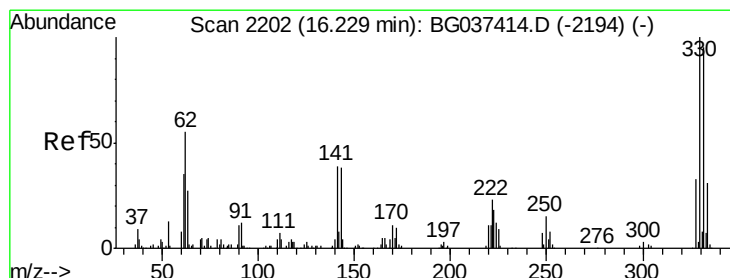
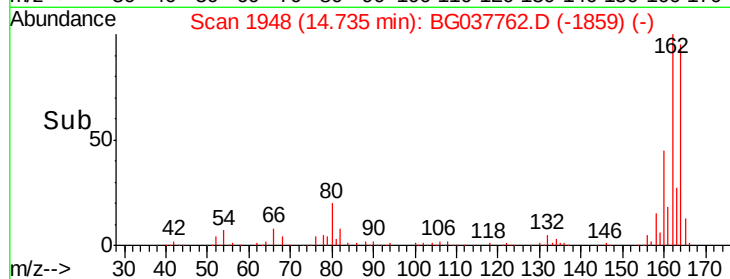
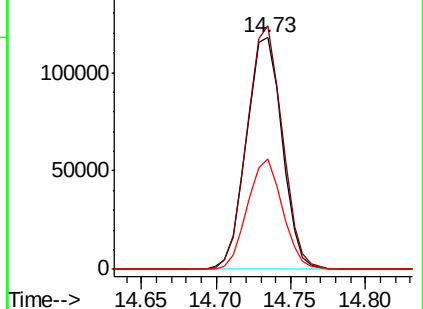
160 47.4 36.3 54.5



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: 128.314 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037762.D

Acq: 2 Nov 2018 19:58

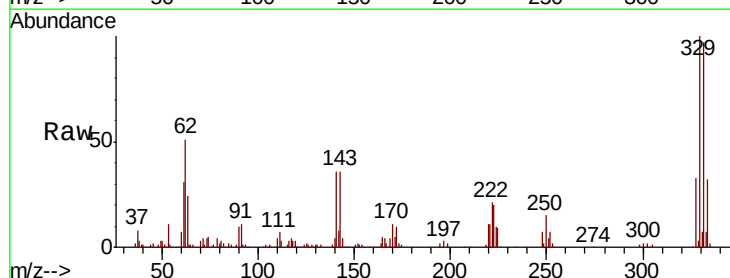
Tgt Ion:330 Resp: 272746

Ion Ratio Lower Upper

330 100

332 96.1 78.4 117.6

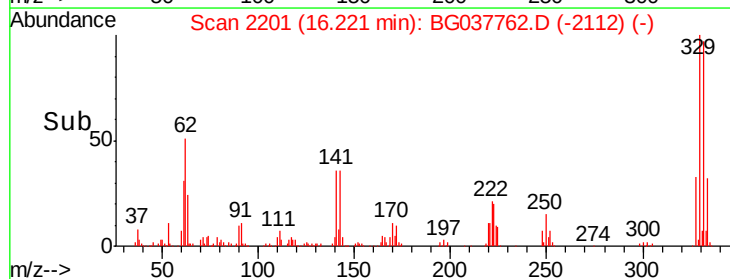
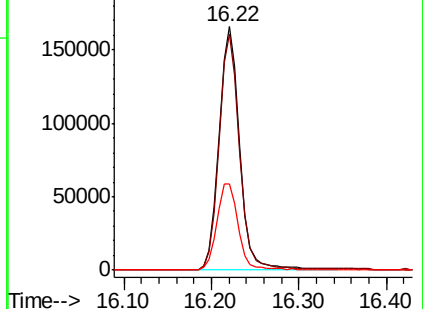
141 37.1 32.2 48.2

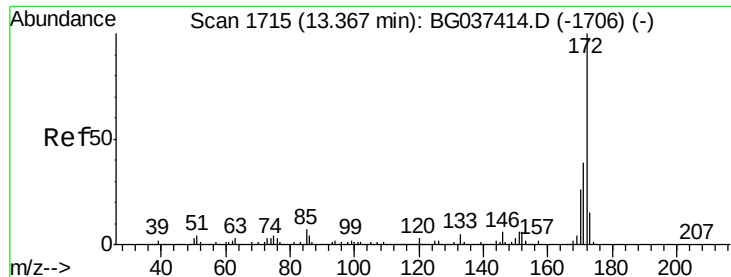


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

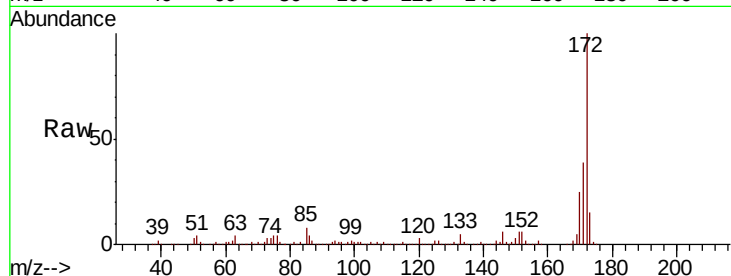




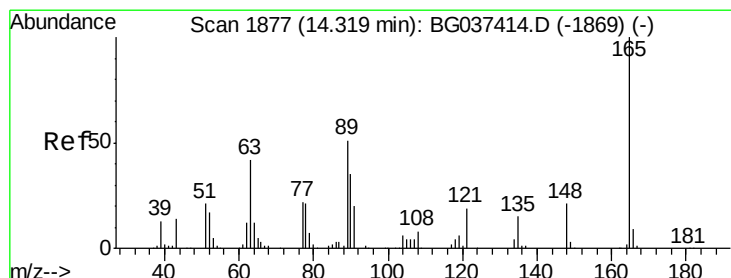
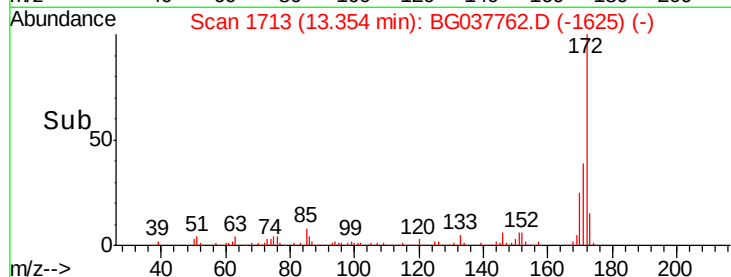
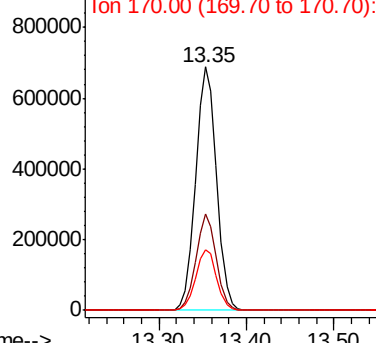
#45
2-Fluorobiphenyl
Concen: 87.453 ng
RT: 13.35 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG037762.D
Acq: 2 Nov 2018 19:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 1130247
Ion Ratio Lower Upper
172 100
171 39.5 31.0 46.4
170 25.1 20.2 30.2

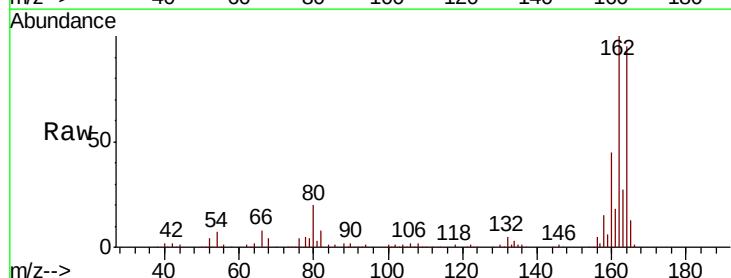


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

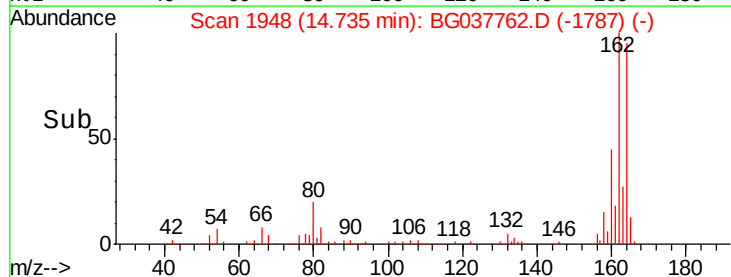
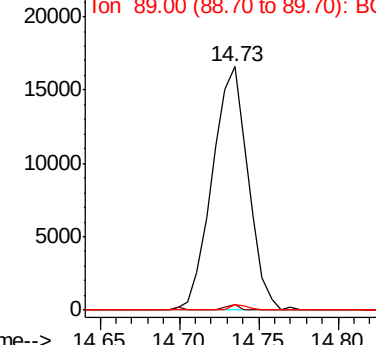


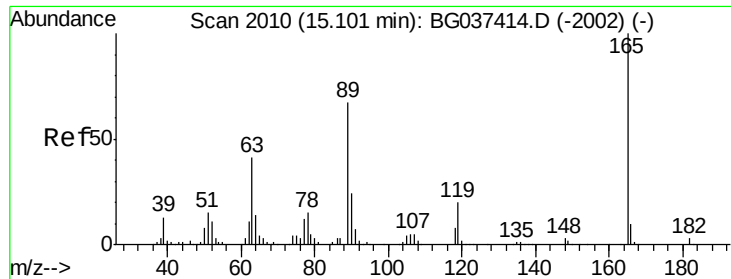
#51
2,6-Dinitrotoluene
Concen: 7.772 ng
RT: 14.73 min Scan# 1948
Delta R.T. 0.42 min
Lab File: BG037762.D
Acq: 2 Nov 2018 19:58

Tgt Ion:165 Resp: 25921
Ion Ratio Lower Upper
165 100
63 2.0 43.4 65.2#
89 2.1 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

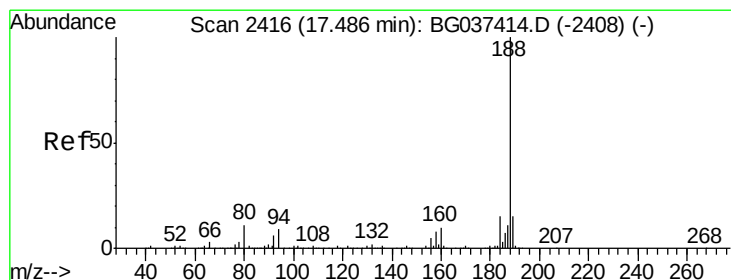
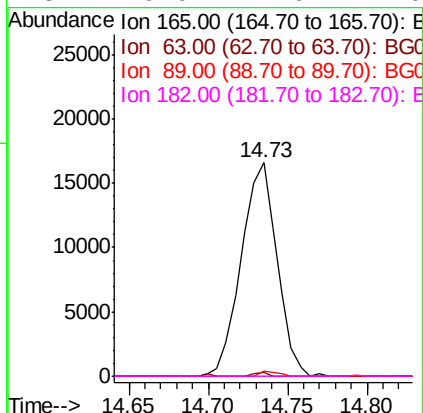
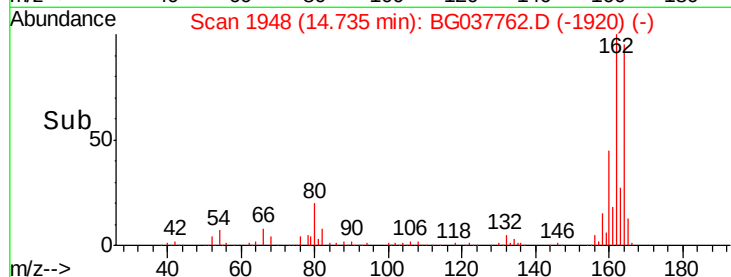
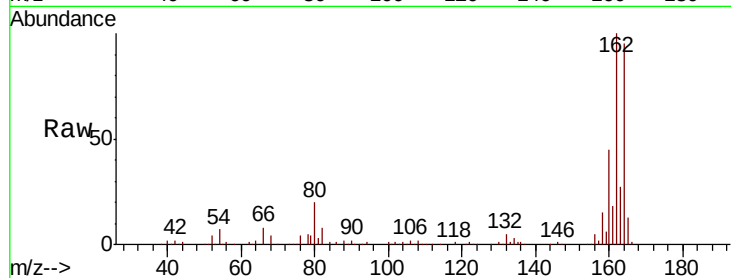




#57
 2,4-Dinitrotoluene
 Concen: 5.921 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.37 min
 Lab File: BG037762.D
 Acq: 2 Nov 2018 19:58

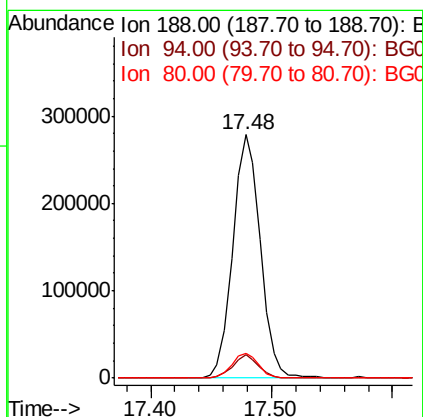
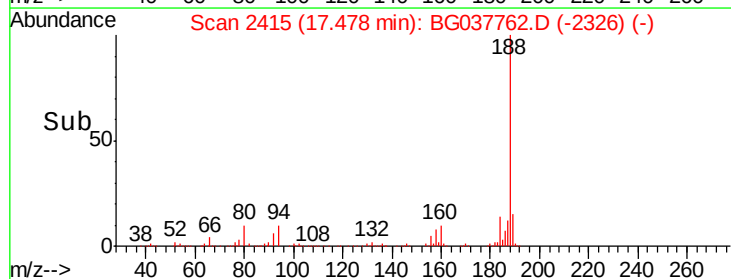
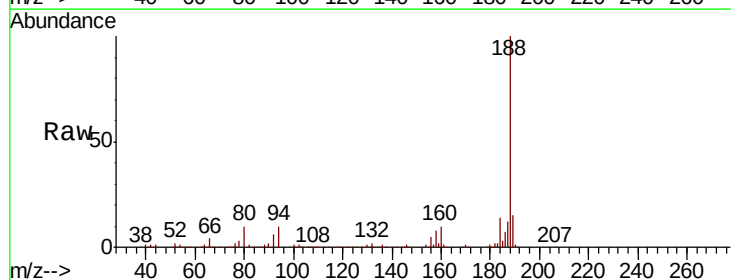
Instrument :
 BNA_G
 ClientSampled :

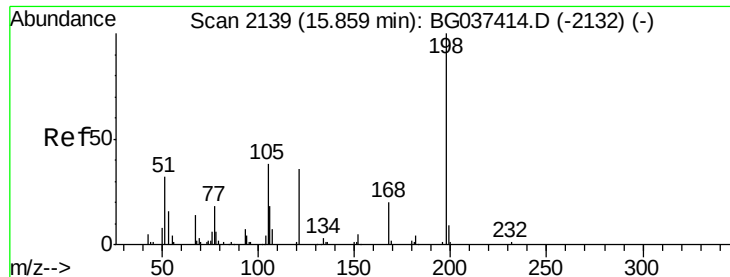
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.0	33.4	50.0#
89	2.1	57.2	85.8#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BG037762.D
 Acq: 2 Nov 2018 19:58

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.2	10.8
80	10.1	7.7	11.5





#65

4,6-Dinitro-2-methylphenol

Concen: 8.836 ng

RT: 16.22 min Scan# 2201

Delta R.T. 0.36 min

Lab File: BG037762.D

Acq: 2 Nov 2018 19:58

Instrument :

BNA_G

ClientSampled :

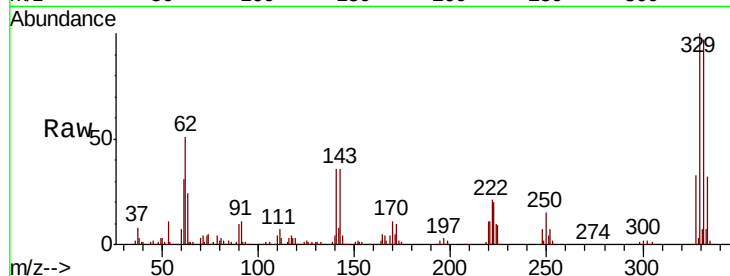
Tot Ion:198 Resp: 926

Ion Ratio Lower Upper

198 100

51 28.1 22.7 62.7

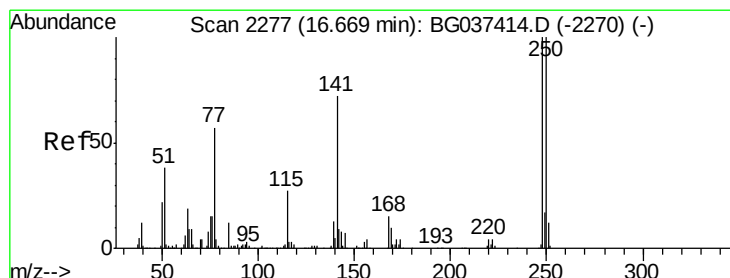
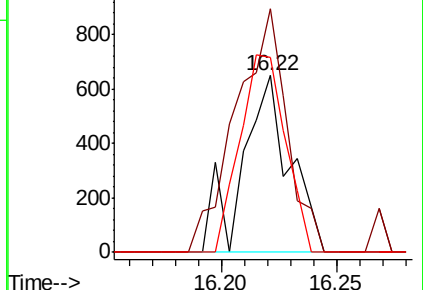
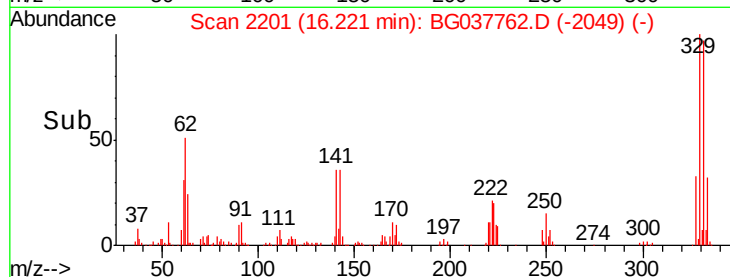
105 22.5 19.7 59.7



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: 4.118 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.45 min

Lab File: BG037762.D

Acq: 2 Nov 2018 19:58

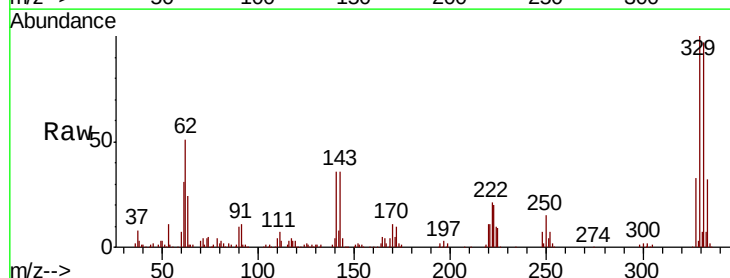
Tgt Ion:248 Resp: 20002

Ion Ratio Lower Upper

248 100

250 204.4 77.0 115.6#

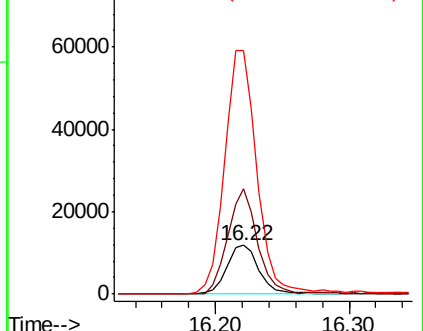
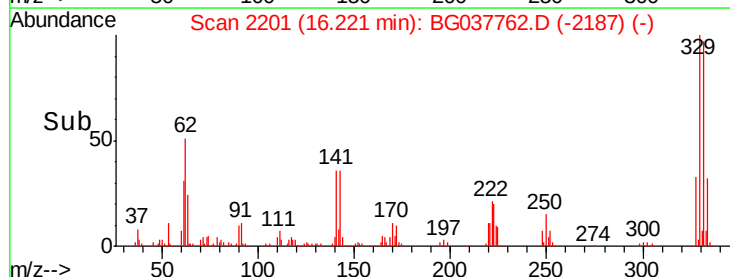
141 374.9 55.5 83.3#

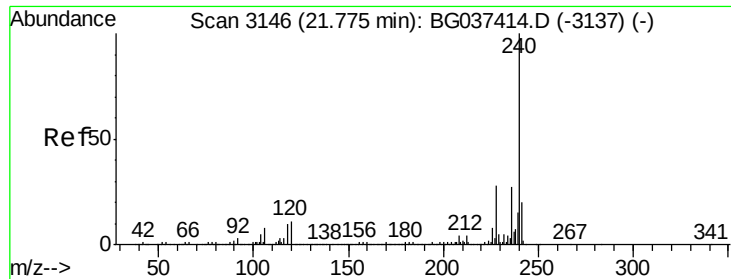


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

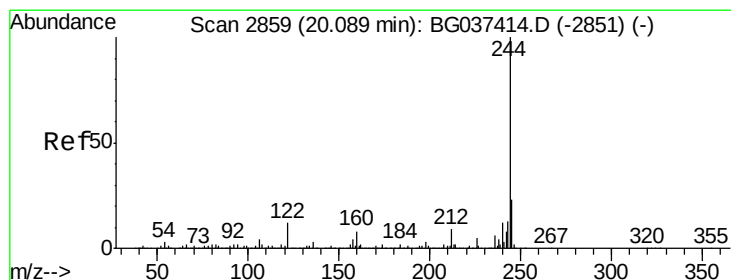
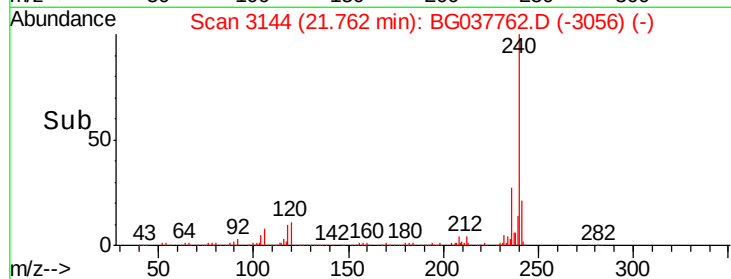
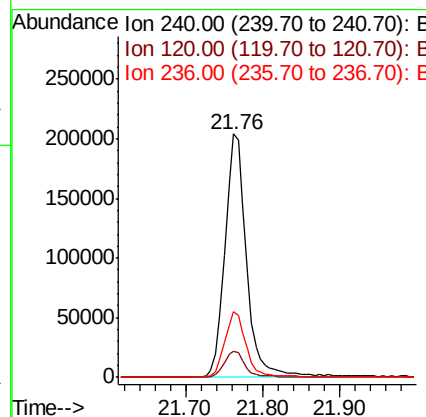
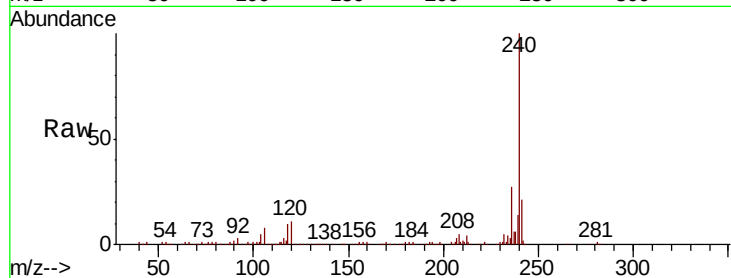




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG037762.D
Acq: 2 Nov 2018 19:58

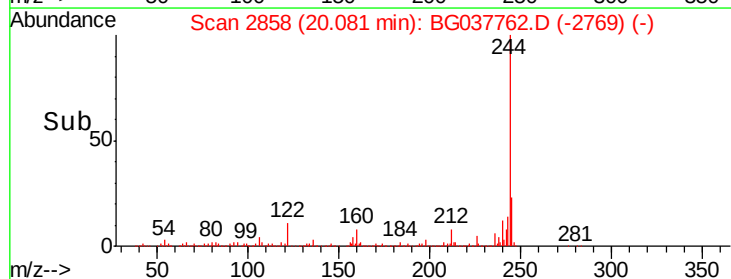
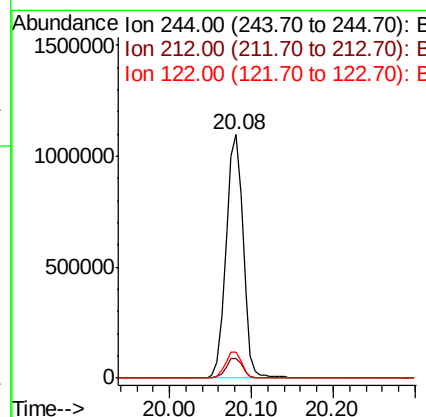
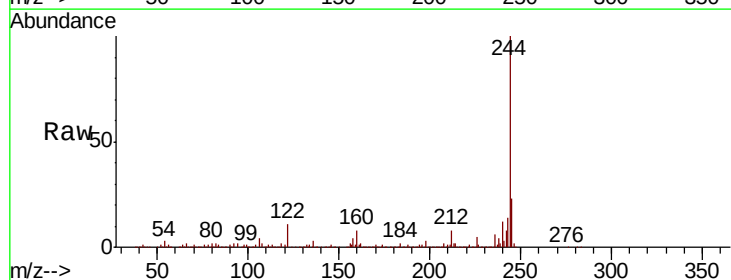
Instrument :
BNA_G
ClientSampleId :

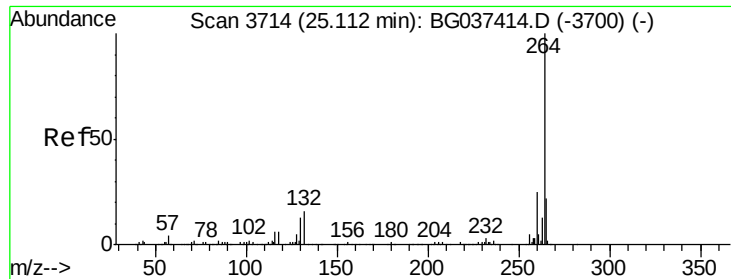
Tot Ion:240 Resp: 399535
Ion Ratio Lower Upper
240 100
120 10.7 8.1 12.1
236 27.0 21.4 32.0



#79
Terphenyl-d14
Concen: 85.673 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG037762.D
Acq: 2 Nov 2018 19:58

Tgt Ion:244 Resp: 1601919
Ion Ratio Lower Upper
244 100
212 8.2 6.5 9.7
122 11.0 9.0 13.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.01 min
Lab File: BG037762.D
Acq: 2 Nov 2018 19:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.2	27.4
265	21.7	17.9	26.9

