

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110118\
 Data File : BG037741.D
 Acq On : 2 Nov 2018 5:37
 Operator : JU/SJ
 Sample : J5192-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 02 07:16:42 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

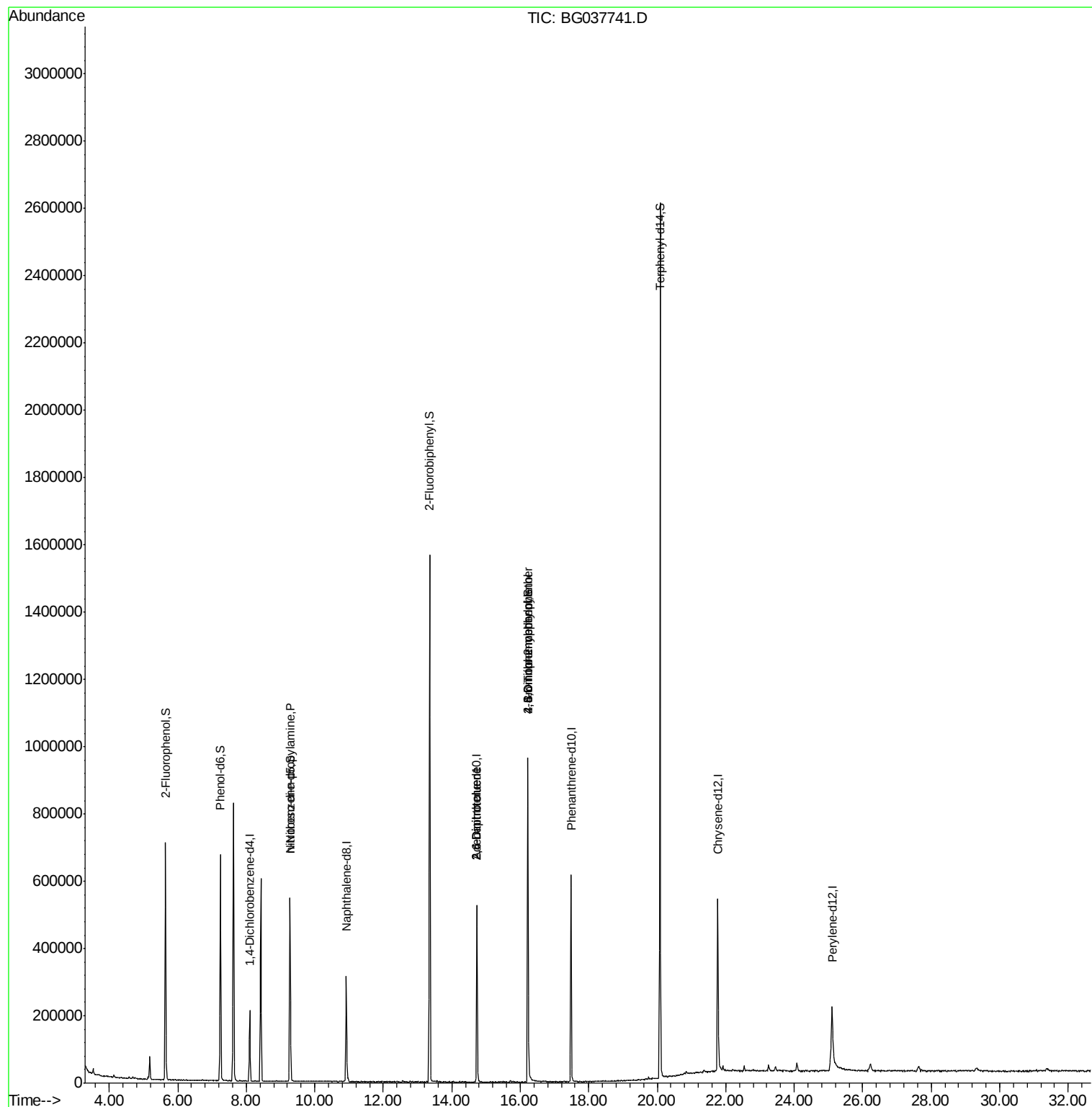
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	63711	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	284731	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	189958	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	413041	20.00	ng	0.00
76) Chrysene-d12	21.77	240	368352	20.00	ng	0.00
87) Perylene-d12	25.10	264	300567	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	338746	88.89	ng	0.00
7) Phenol-d6	7.24	99	434199	75.35	ng	0.00
23) Nitrobenzene-d5	9.27	82	357056	70.25	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	194300	93.78	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	860306	68.29	ng	-0.02
79) Terphenyl-d14	20.08	244	1282827	74.42	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.28	70	45289	11.413	ng	# 67
51) 2,6-Dinitrotoluene	14.73	165	24374	7.498	ng	# 25
57) 2,4-Dinitrotoluene	14.73	165	24374	5.712	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.22	198	435	8.673	ng	# 73
67) 4-Bromophenyl-phenylether	16.22	248	12980	2.862	ng	# 1

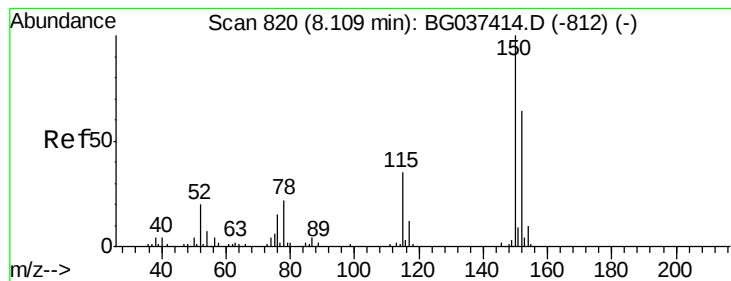
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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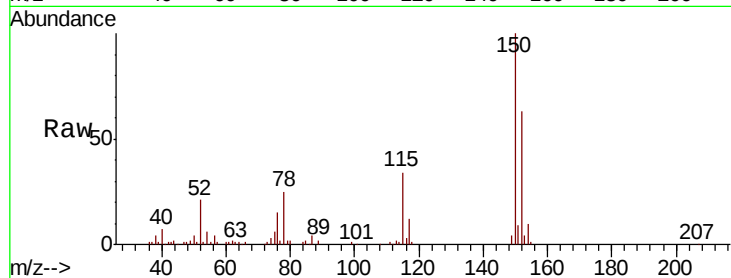


#1

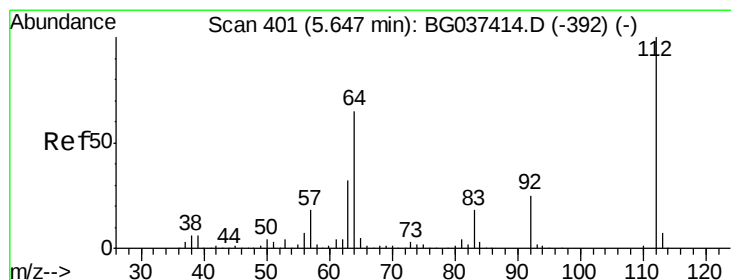
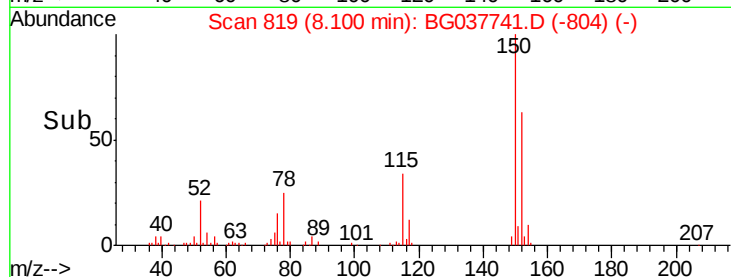
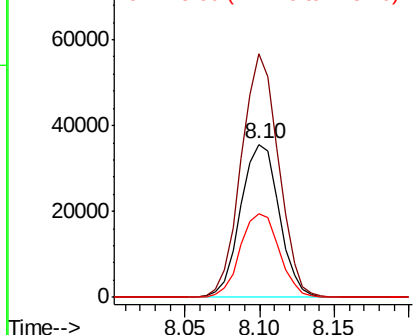
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037741.D
Acq: 2 Nov 2018 5:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 63711
Ion Ratio Lower Upper
152 100
150 159.1 126.0 189.0
115 54.6 45.5 68.3



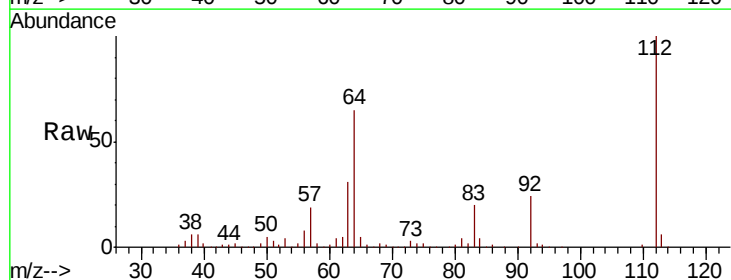
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



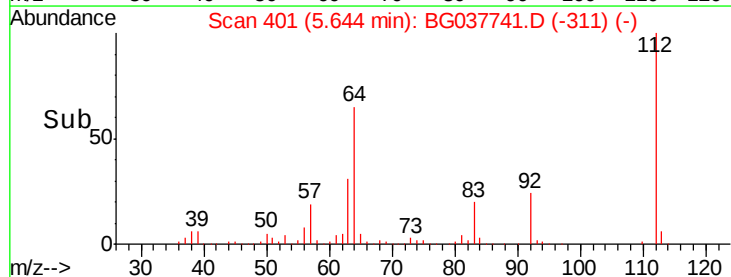
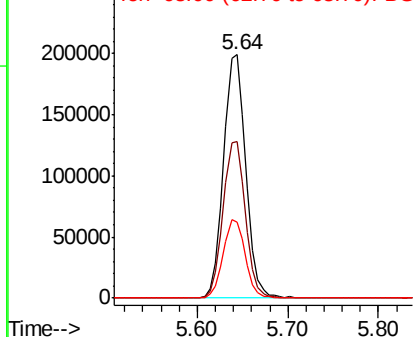
#5

2-Fluorophenol
Concen: 88.891 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037741.D
Acq: 2 Nov 2018 5:37

Tgt Ion:112 Resp: 338746
Ion Ratio Lower Upper
112 100
64 64.6 53.1 79.7
63 31.3 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: 75.350 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037741.D

Acq: 2 Nov 2018 5:37

Instrument :

BNA_G

ClientSampleId :

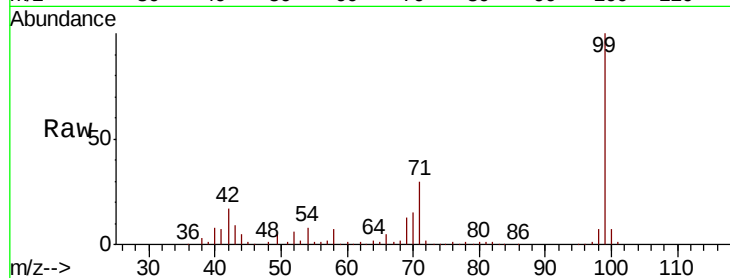
Tot Ion: 99 Resp: 434199

Ion Ratio Lower Upper

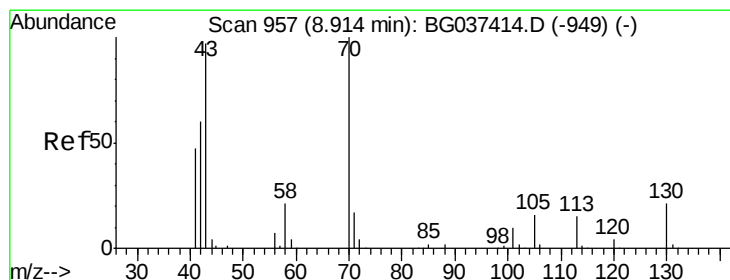
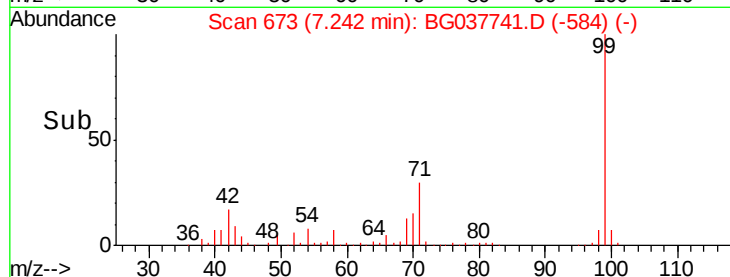
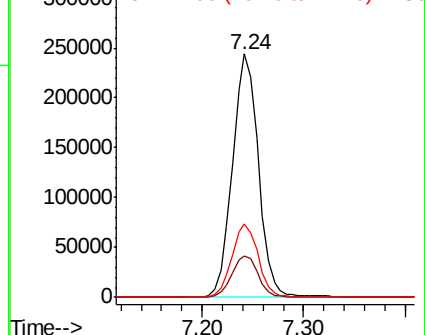
99 100

42 17.1 15.0 22.4

71 29.9 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: 11.413 ng

RT: 9.28 min Scan# 1020

Delta R.T. 0.37 min

Lab File: BG037741.D

Acq: 2 Nov 2018 5:37

Tgt Ion: 70 Resp: 45289

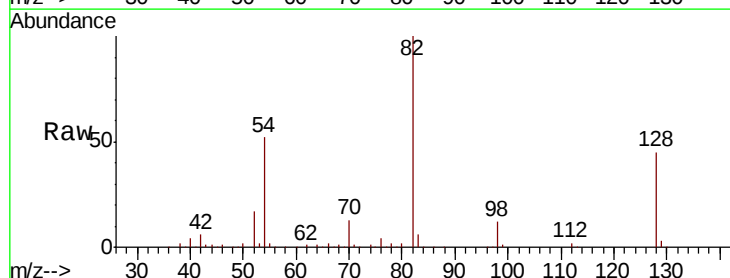
Ion Ratio Lower Upper

70 100

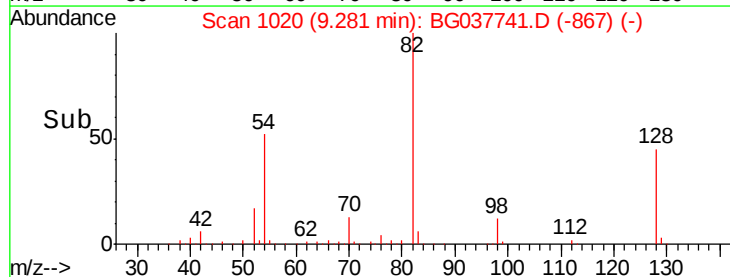
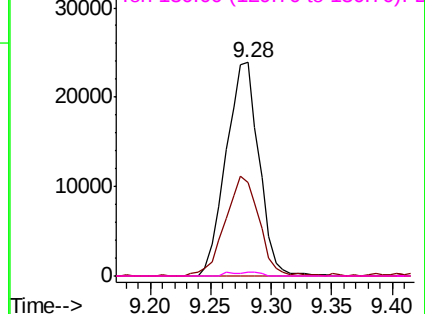
42 43.6 53.9 80.9#

101 0.0 8.2 12.2#

130 1.8 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

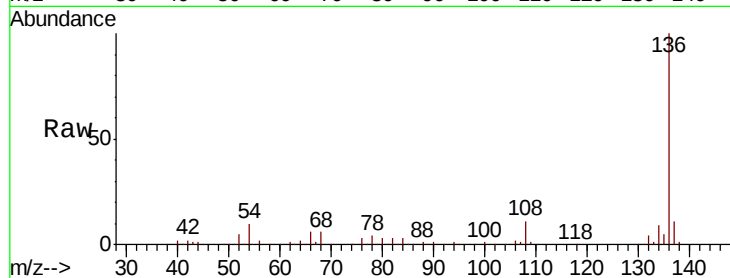




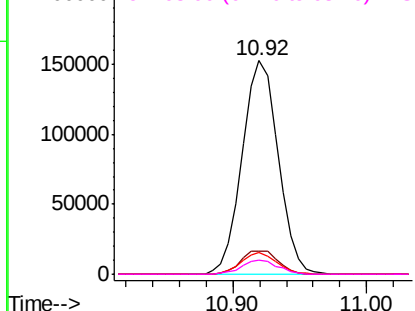
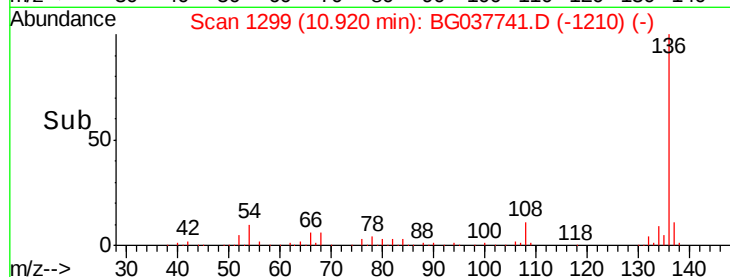
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037741.D
Acq: 2 Nov 2018 5:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	284731
Ion	Ratio	Lower Upper
136	100	
137	10.7	9.6 14.4
54	10.4	7.9 11.9
68	6.3	4.8 7.2

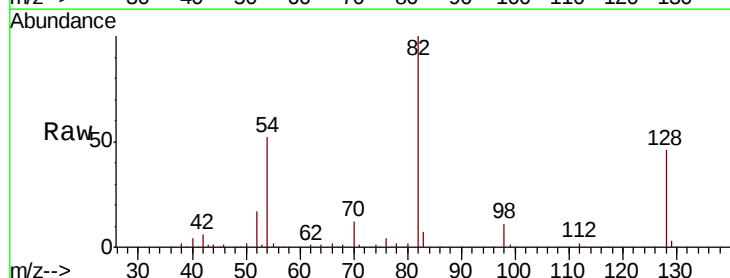


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

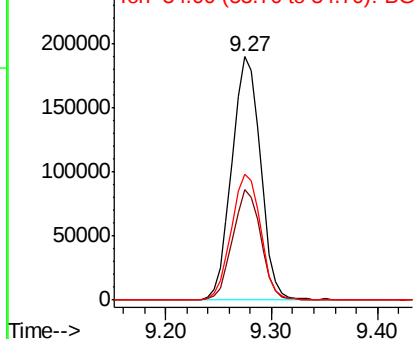
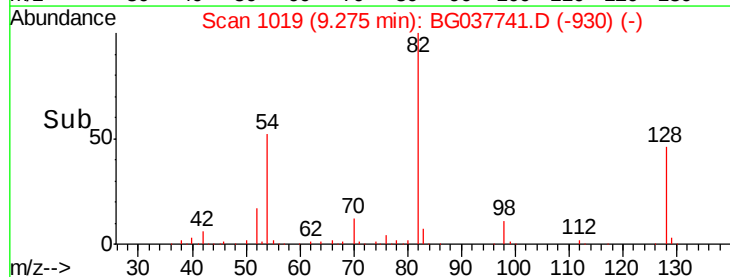


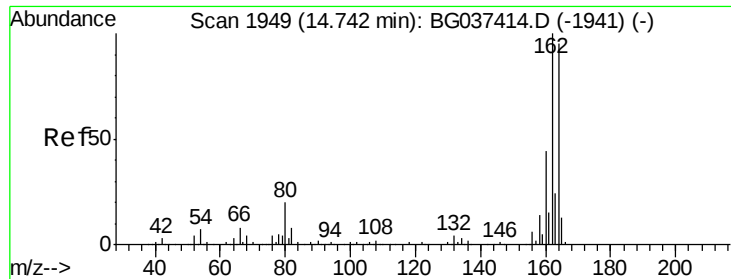
#23
Nitrobenzene-d5
Concen: 70.248 ng
RT: 9.27 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037741.D
Acq: 2 Nov 2018 5:37

Tgt Ion: 82	Resp:	357056
Ion	Ratio	Lower Upper
82	100	
128	45.6	34.6 51.8
54	51.6	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# 1948

Delta R.T. -0.01 min

Lab File: BG037741.D

Acq: 2 Nov 2018 5:37

Instrument :

BNA_G

ClientSampleId :

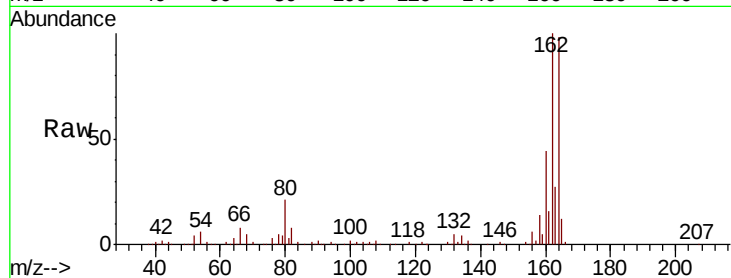
Tot Ion:164 Resp: 189958

Ion Ratio Lower Upper

164 100

162 101.5 81.3 121.9

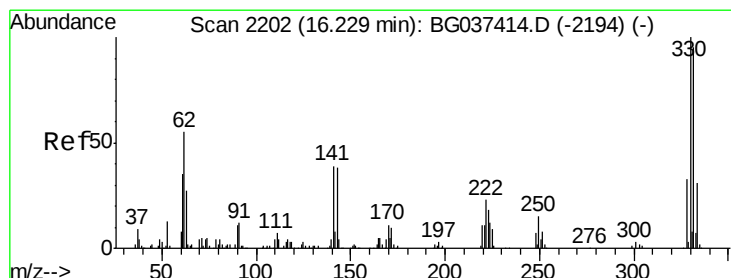
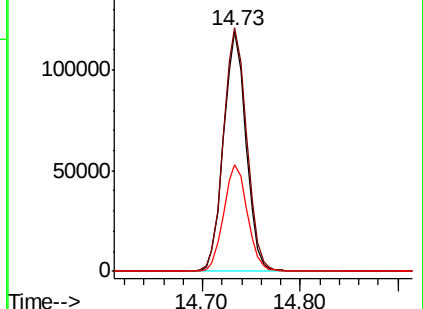
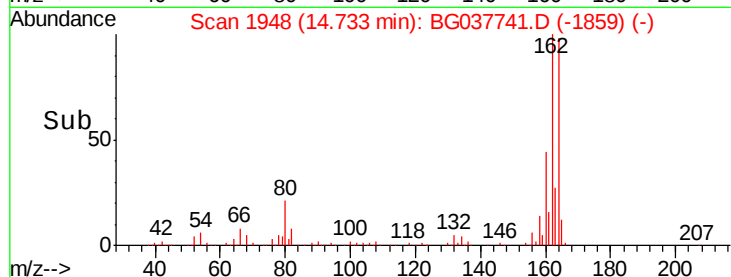
160 44.7 36.3 54.5



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: 93.781 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037741.D

Acq: 2 Nov 2018 5:37

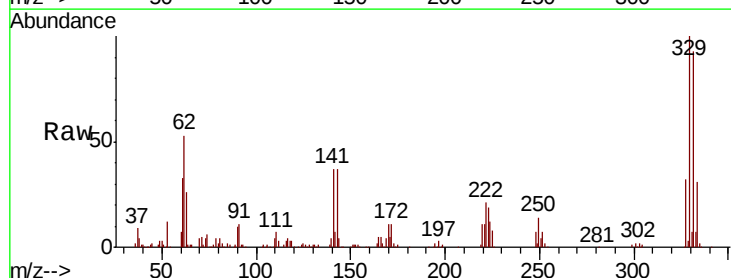
Tgt Ion:330 Resp: 194300

Ion Ratio Lower Upper

330 100

332 97.3 78.4 117.6

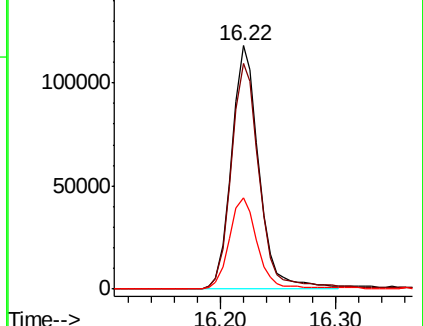
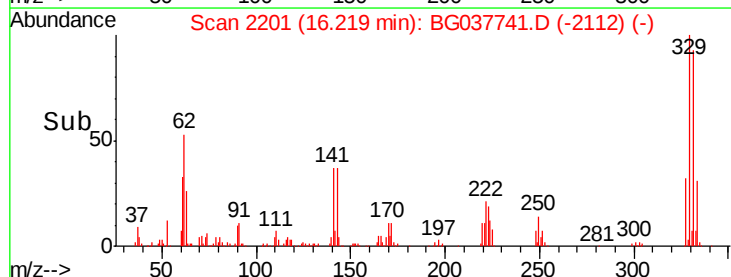
141 39.0 32.2 48.2



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

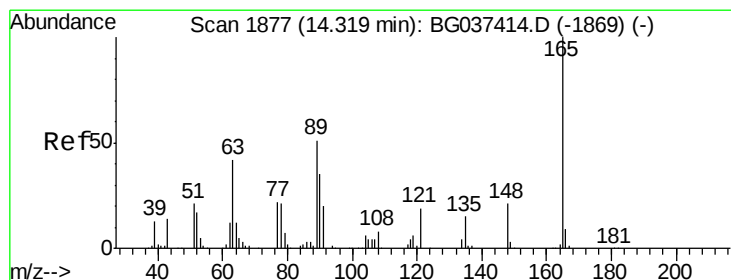
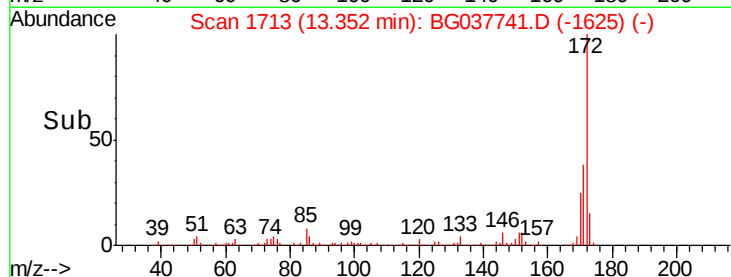
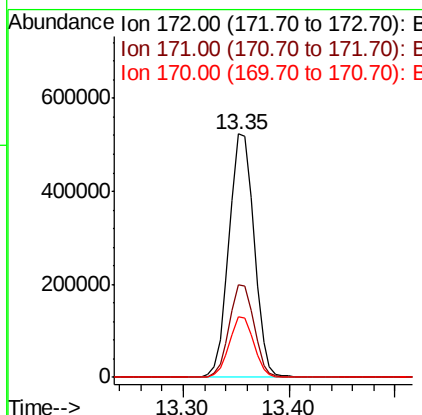
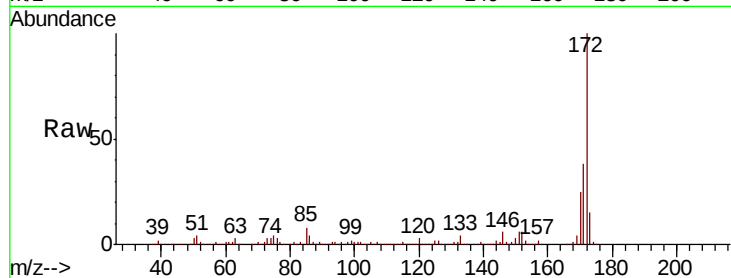




#45
2-Fluorobiphenyl
Concen: 68.294 ng
RT: 13.35 min Scan# 1713
Delta R.T. -0.02 min
Lab File: BG037741.D
Acq: 2 Nov 2018 5:37

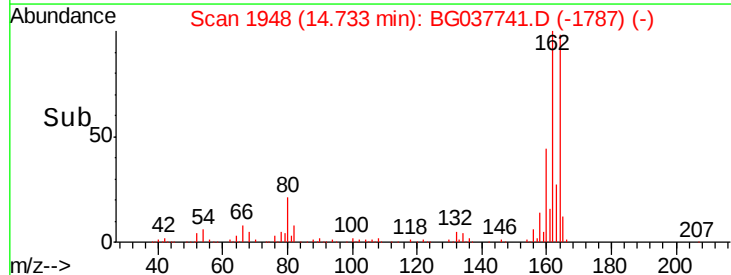
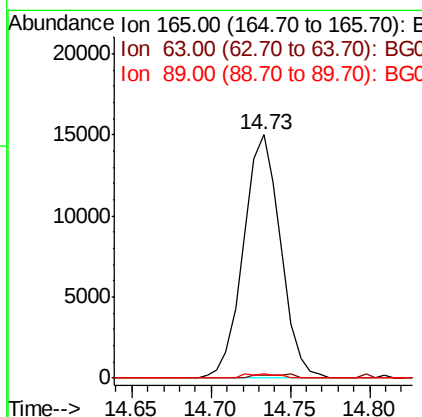
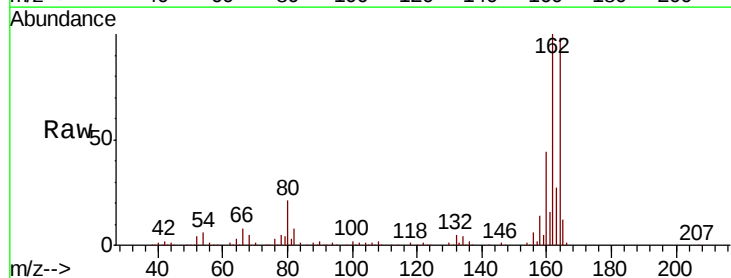
Instrument :
BNA_G
ClientSampleId :

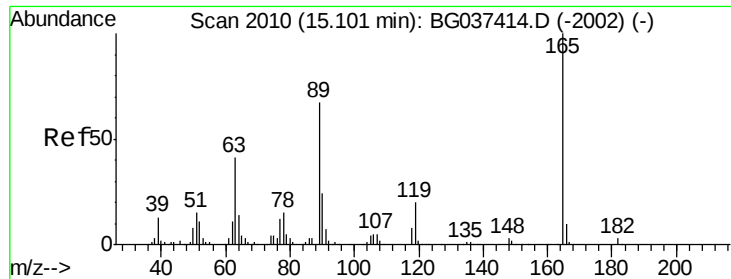
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.0	46.4
170	24.7	20.2	30.2



#51
2,6-Dinitrotoluene
Concen: 7.498 ng
RT: 14.73 min Scan# 1948
Delta R.T. 0.41 min
Lab File: BG037741.D
Acq: 2 Nov 2018 5:37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	43.4	65.2#
89	1.7	45.8	68.6#

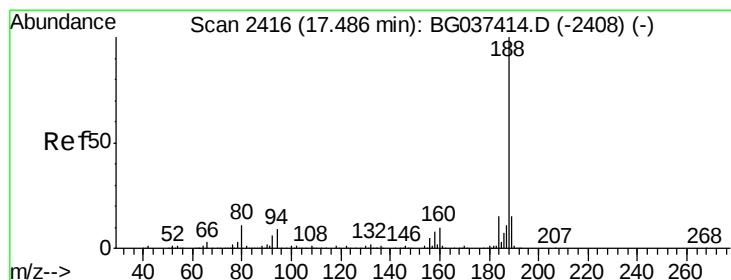
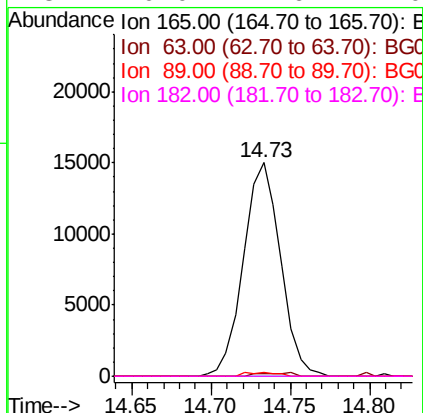
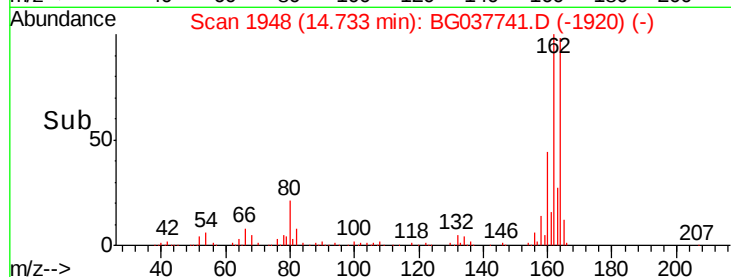
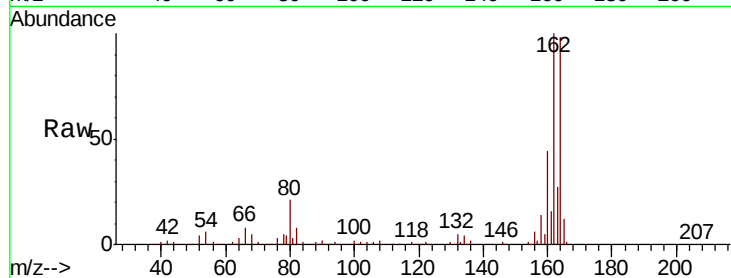




#57
2,4-Dinitrotoluene
Concen: 5.712 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.37 min
Lab File: BG037741.D
Acq: 2 Nov 2018 5:37

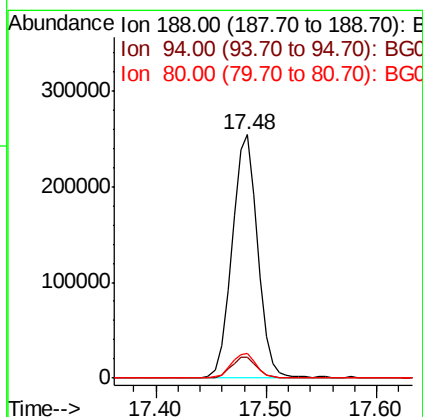
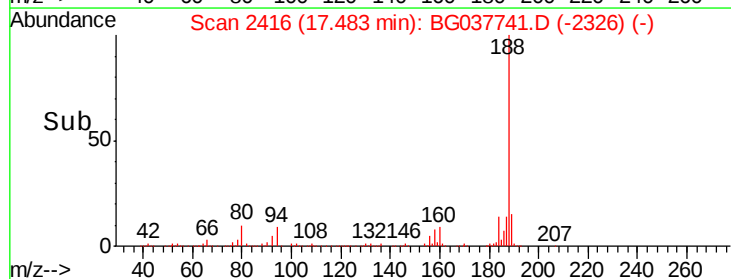
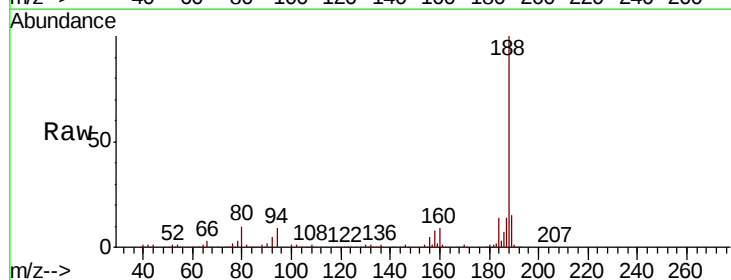
Instrument :
BNA_G
ClientSampleId :

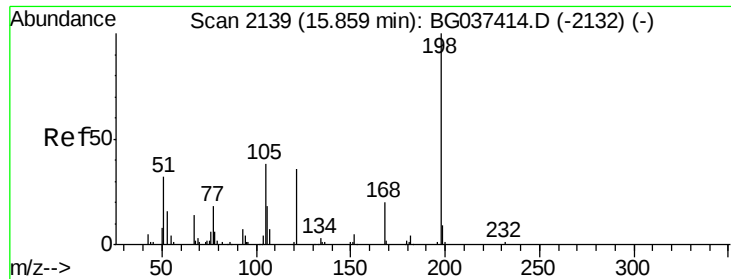
Tot Ion:165 Resp: 24374
Ion Ratio Lower Upper
165 100
63 1.2 33.4 50.0#
89 1.7 57.2 85.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037741.D
Acq: 2 Nov 2018 5:37

Tgt Ion:188 Resp: 413041
Ion Ratio Lower Upper
188 100
94 8.6 7.2 10.8
80 10.2 7.7 11.5

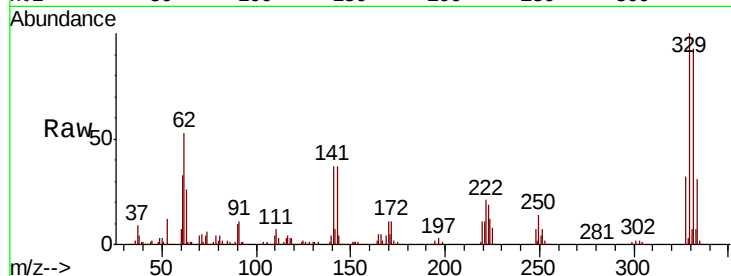




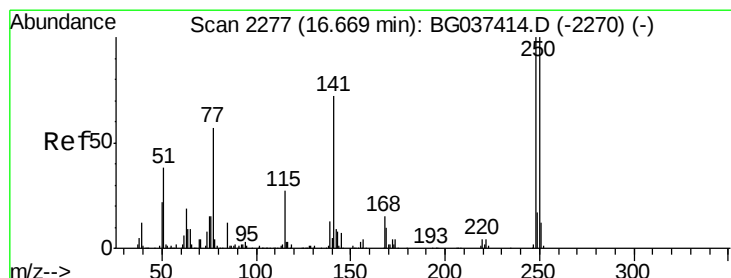
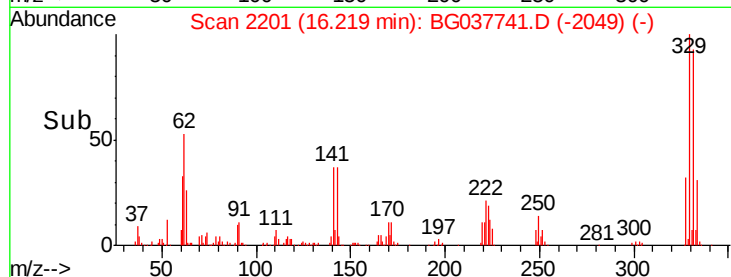
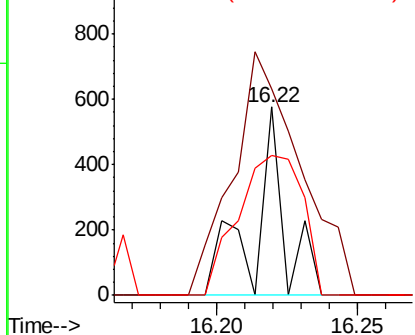
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.673 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. 0.36 min
 Lab File: BG037741.D
 Acq: 2 Nov 2018 5:37

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:198 Resp: 435
 Ion Ratio Lower Upper
 198 100
 51 28.8 22.7 62.7
 105 19.5 19.7 59.7#

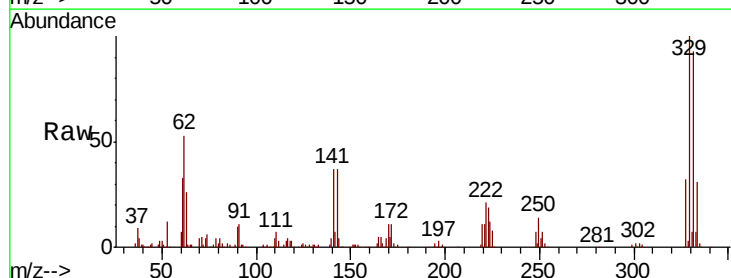


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG0
 Ion 105.00 (104.70 to 105.70): E

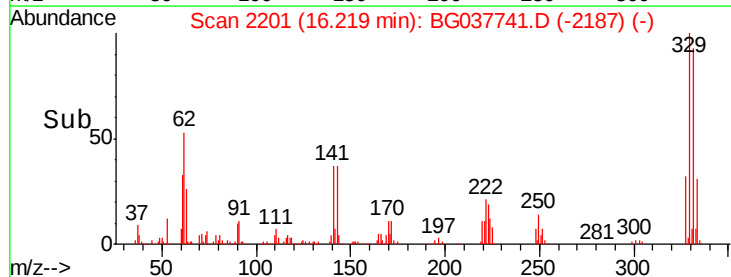
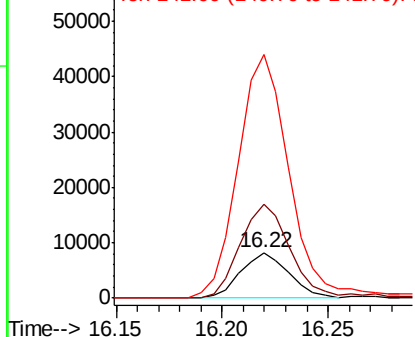


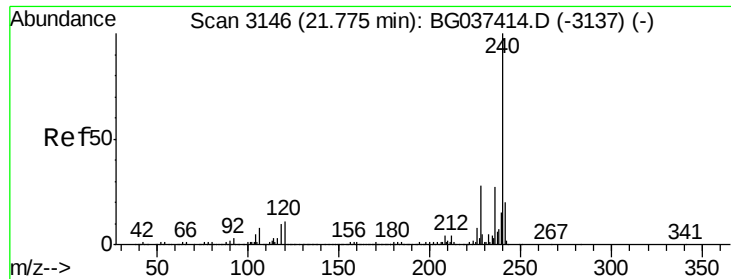
#67
 4-Bromophenyl-phenylether
 Concen: 2.862 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037741.D
 Acq: 2 Nov 2018 5:37

Tgt Ion:248 Resp: 12980
 Ion Ratio Lower Upper
 248 100
 250 203.8 77.0 115.6#
 141 414.6 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

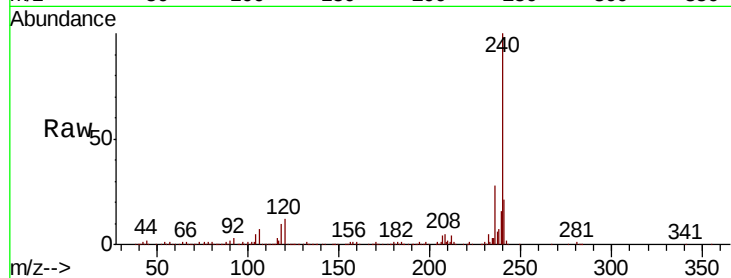




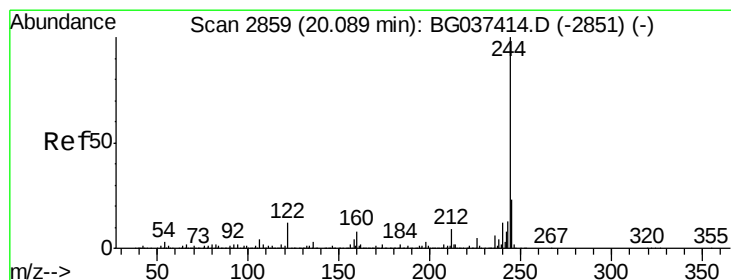
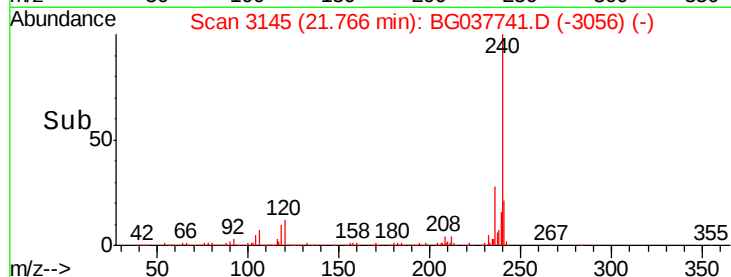
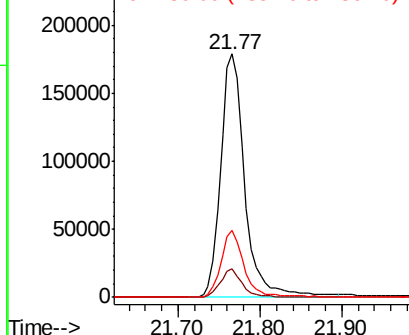
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.77 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG037741.D
 Acq: 2 Nov 2018 5:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:240 Resp: 368352
 Ion Ratio Lower Upper
 240 100
 120 11.8 8.1 12.1
 236 27.7 21.4 32.0

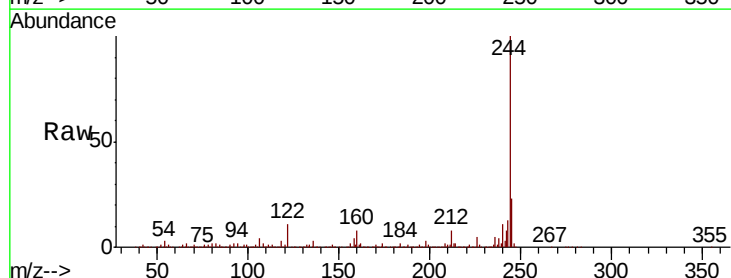


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

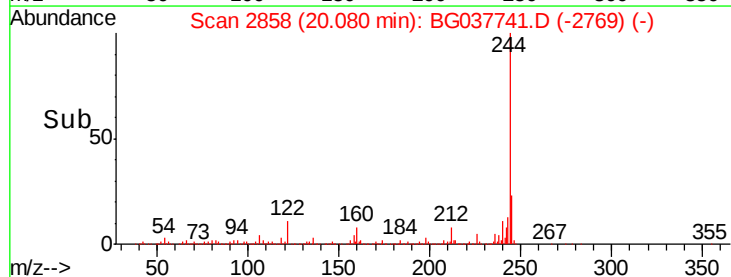
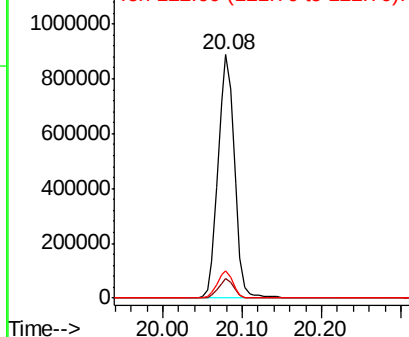


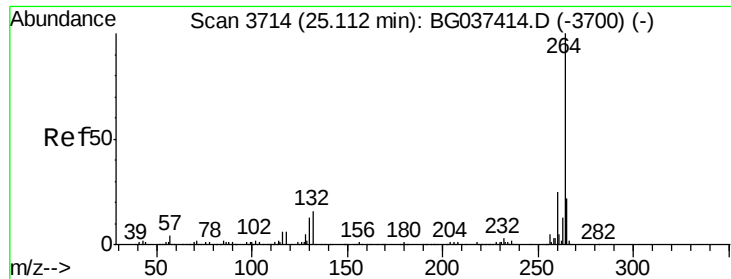
#79
 Terphenyl-d14
 Concen: 74.415 ng
 RT: 20.08 min Scan# 2858
 Delta R.T. -0.01 min
 Lab File: BG037741.D
 Acq: 2 Nov 2018 5:37

Tgt Ion:244 Resp: 1282827
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.5 9.7
 122 11.2 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# 3713
 Delta R.T. -0.01 min
 Lab File: BG037741.D
 Acq: 2 Nov 2018 5:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.2	27.4
265	20.7	17.9	26.9

