

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110118\
 Data File : BG037733.D
 Acq On : 2 Nov 2018 00:23
 Operator : JU/SJ
 Sample : PB114358BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 02 07:13:50 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

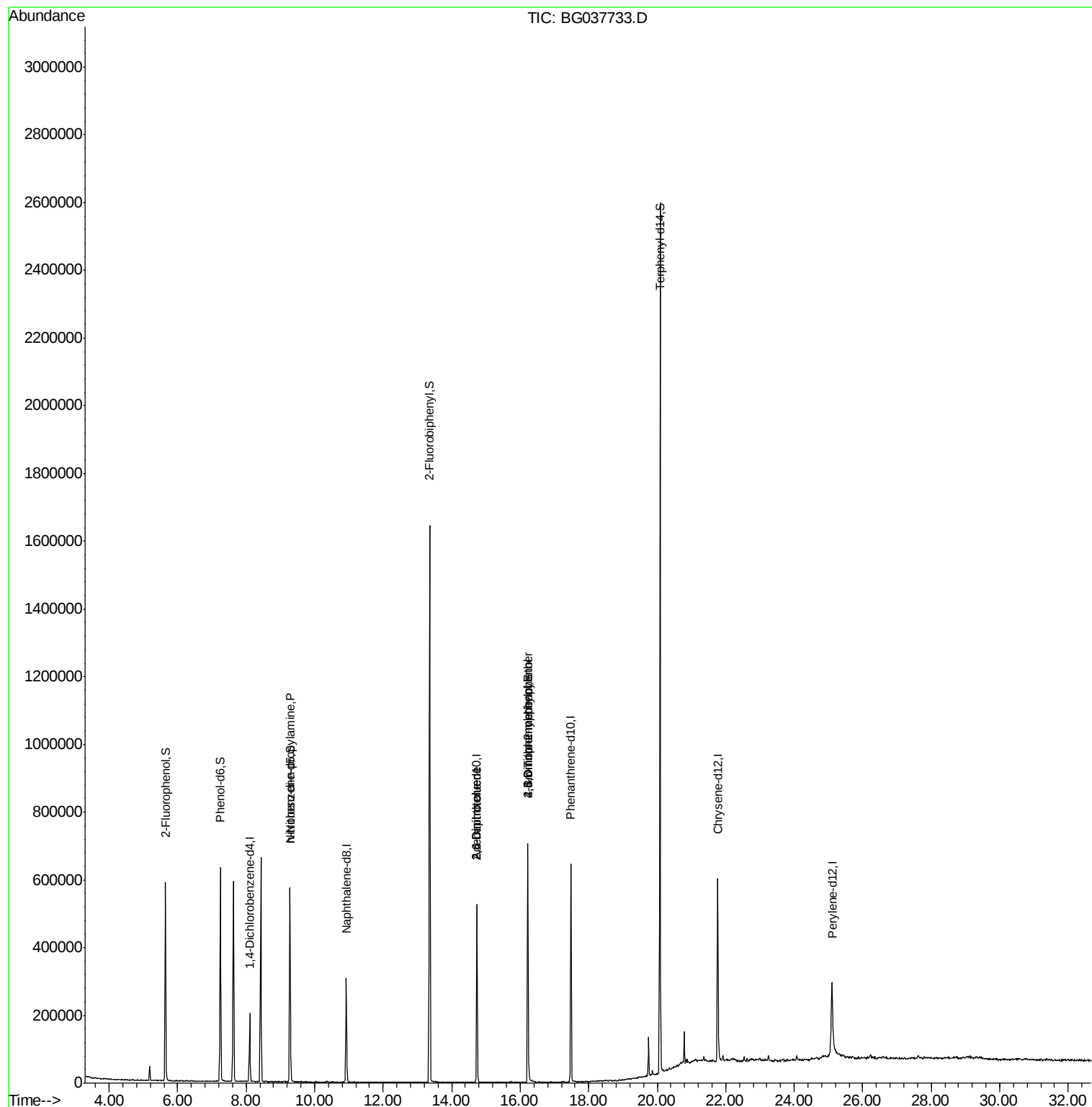
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	61945	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	277365	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	186168	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	416190	20.00	ng	0.00
76) Chrysene-d12	21.77	240	348978	20.00	ng	0.00
87) Perylene-d12	25.10	264	305302	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	267496	72.20	ng	0.00
7) Phenol-d6	7.24	99	397184	70.89	ng	0.00
23) Nitrobenzene-d5	9.28	82	354486	71.59	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	138739	68.33	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	896894	72.65	ng	-0.01
79) Terphenyl-d14	20.08	244	1230243	75.33	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.28	70	44811	11.615	ng	# 68
51) 2,6-Dinitrotoluene	14.73	165	23693	7.436	ng	# 25
57) 2,4-Dinitrotoluene	14.73	165	23693	5.665	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.22	198	327	8.631	ng	85
67) 4-Bromophenyl-phenylether	16.22	248	9949	2.177	ng	# 1

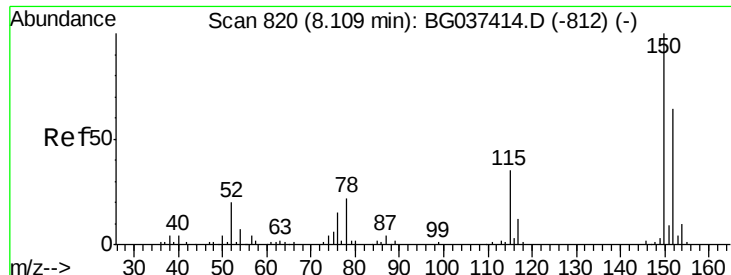
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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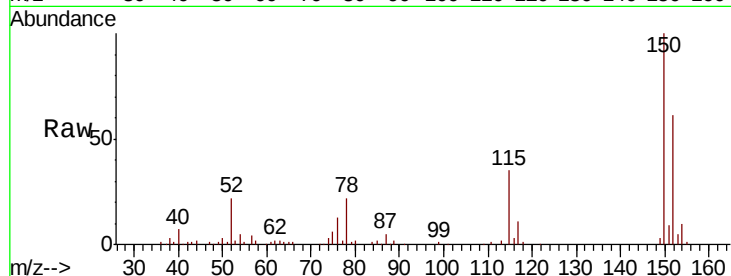


#1

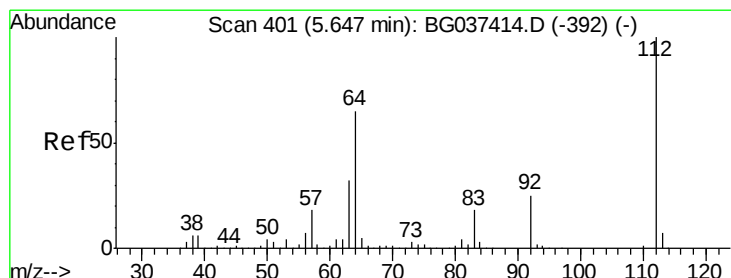
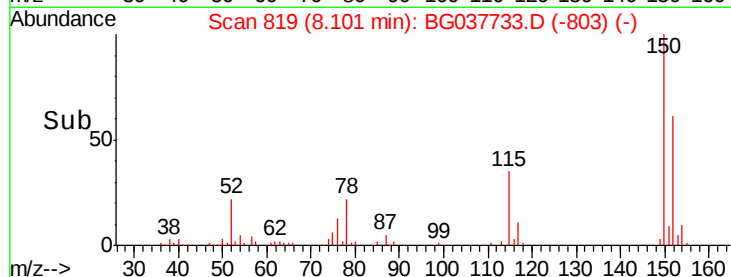
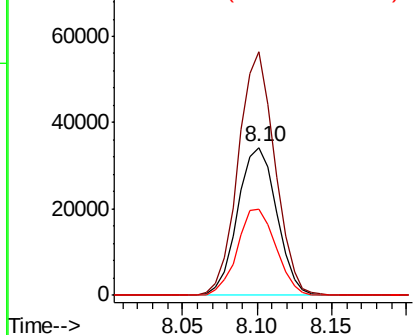
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037733.D
Acq: 2 Nov 2018 00:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 61945
Ion Ratio Lower Upper
152 100
150 164.2 126.0 189.0
115 57.9 45.5 68.3



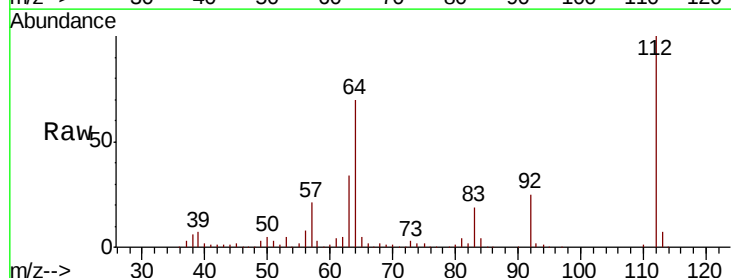
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



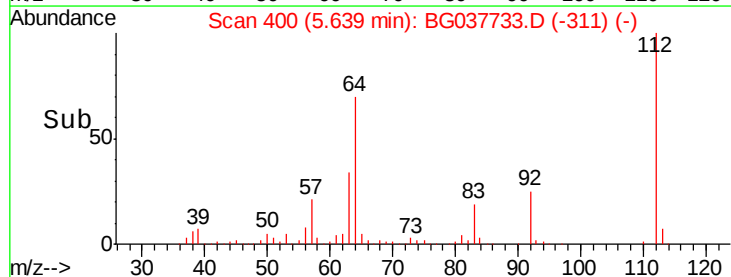
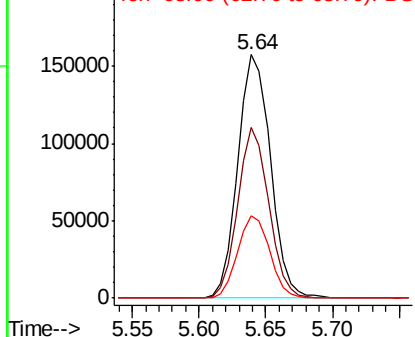
#5

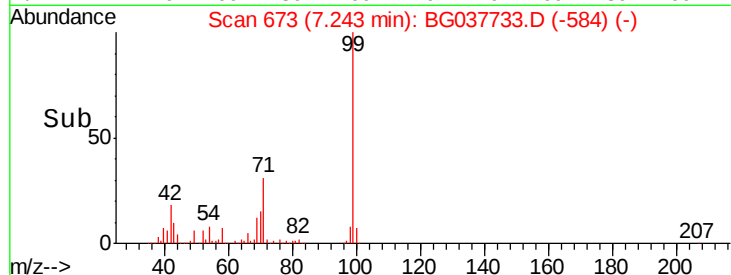
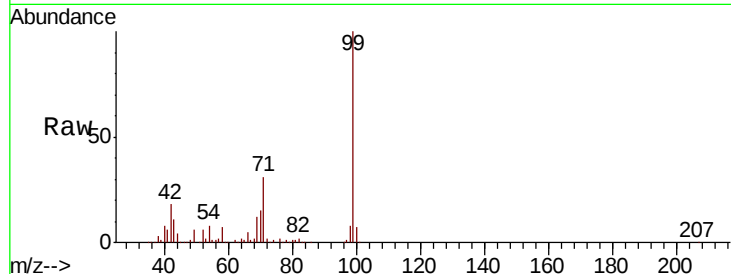
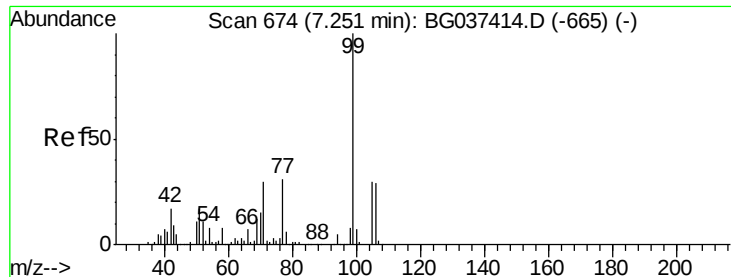
2-Fluorophenol
Concen: 72.195 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037733.D
Acq: 2 Nov 2018 00:23

Tgt Ion:112 Resp: 267496
Ion Ratio Lower Upper
112 100
64 70.1 53.1 79.7
63 33.8 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

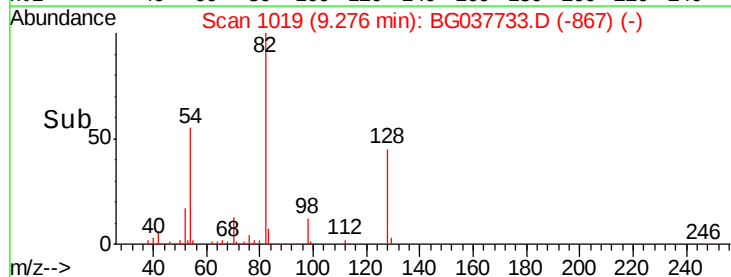
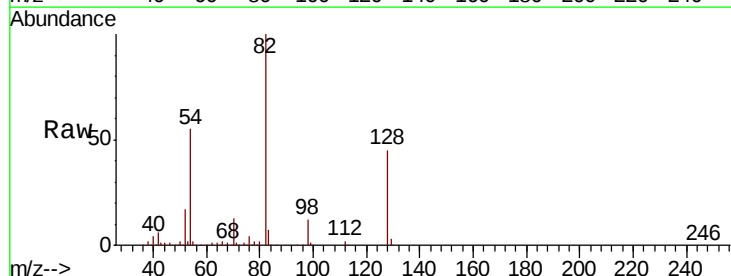
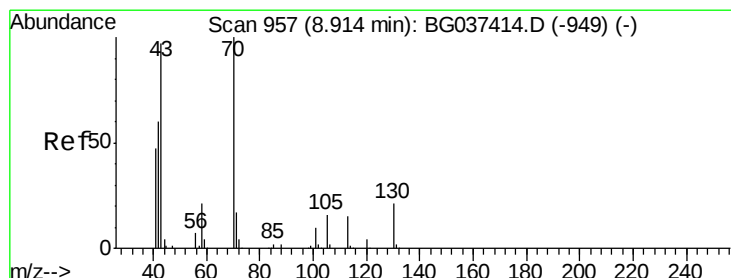
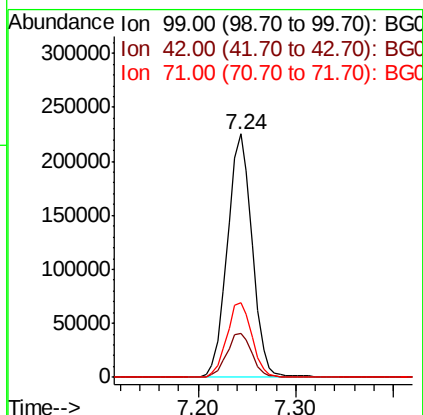




#7
 Phenol-d6
 Concen: 70.892 ng
 RT: 7.24 min Scan# 673
 Delta R.T. -0.01 min
 Lab File: BG037733.D
 Acq: 2 Nov 2018 00:23

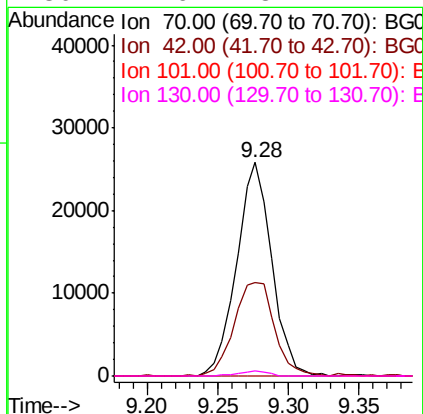
Instrument :
 BNA_G
 ClientSampleId :

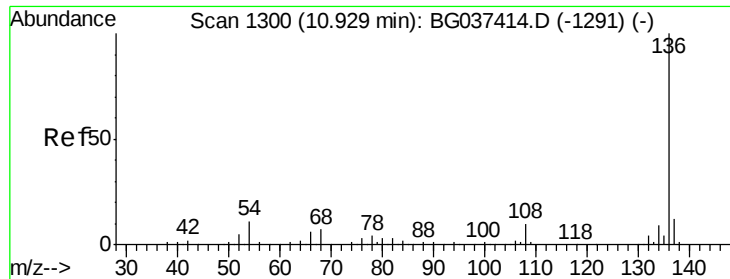
Tot Ion	Ratio	Lower	Upper
99	100		
42	18.2	15.0	22.4
71	30.6	25.5	38.3



#19
 n-Nitroso-di-n-propylamine
 Concen: 11.615 ng
 RT: 9.28 min Scan# 1019
 Delta R.T. 0.36 min
 Lab File: BG037733.D
 Acq: 2 Nov 2018 00:23

Tgt Ion	Ratio	Lower	Upper
70	100		
42	43.5	53.9	80.9#
101	0.0	8.2	12.2#
130	2.6	18.2	27.4#

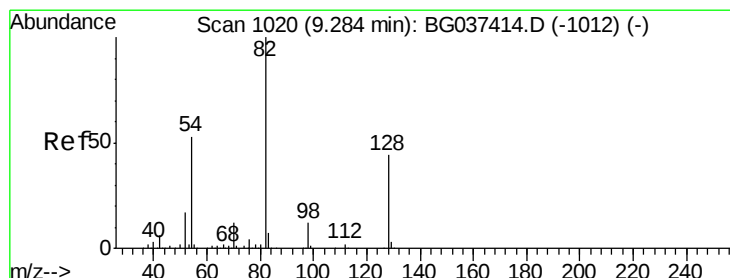
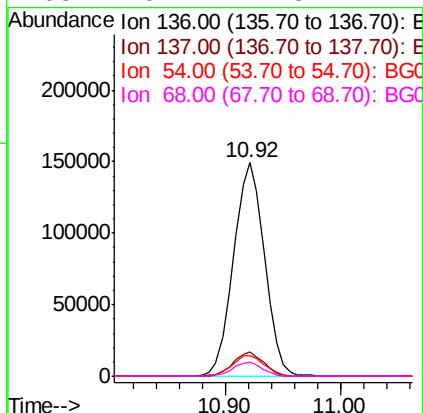
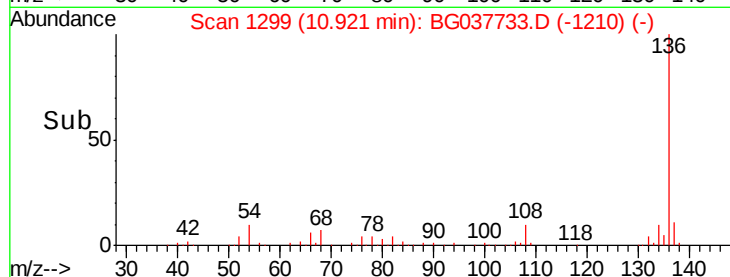
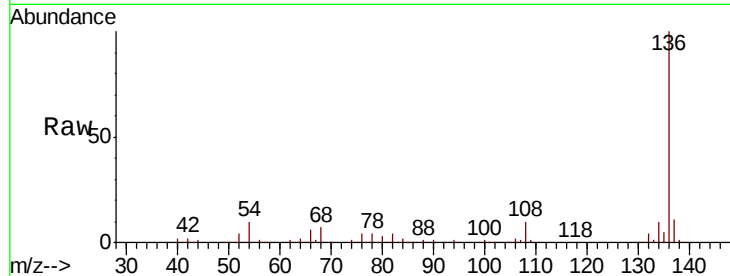




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037733.D
Acq: 2 Nov 2018 00:23

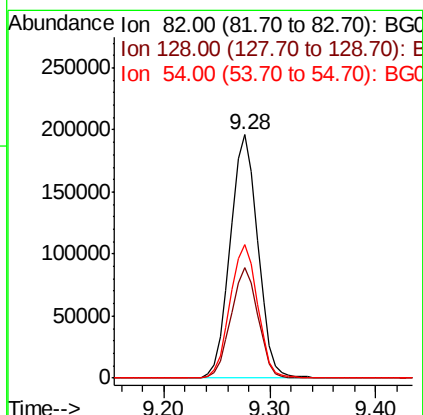
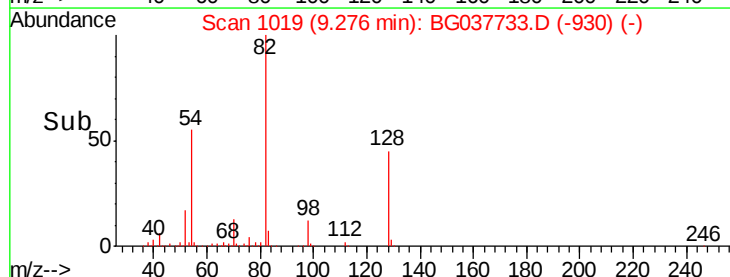
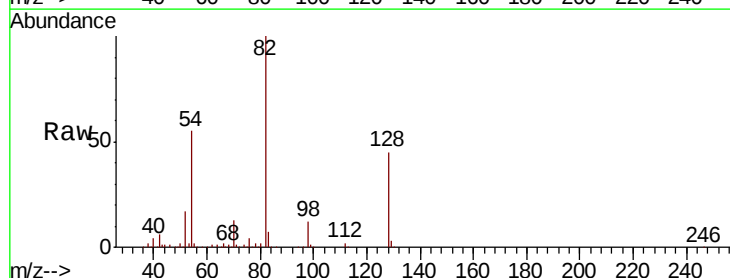
Instrument :
BNA_G
ClientSampleId :

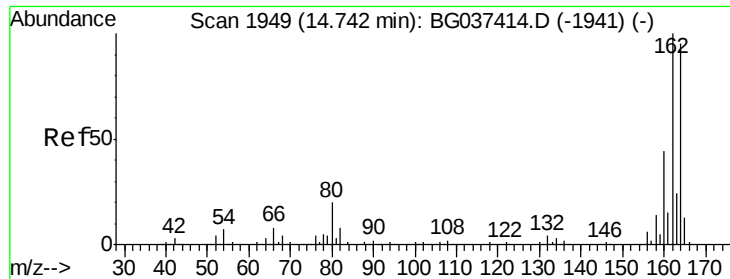
Tot Ion:136	Resp:	277365
Ion	Ratio	Lower Upper
136	100	
137	11.4	9.6 14.4
54	9.7	7.9 11.9
68	6.7	4.8 7.2



#23
Nitrobenzene-d5
Concen: 71.595 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037733.D
Acq: 2 Nov 2018 00:23

Tgt Ion: 82	Resp:	354486
Ion	Ratio	Lower Upper
82	100	
128	45.2	34.6 51.8
54	54.7	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: BG037733.D

Acq: 2 Nov 2018 00:23

Instrument :

BNA_G

ClientSampleId :

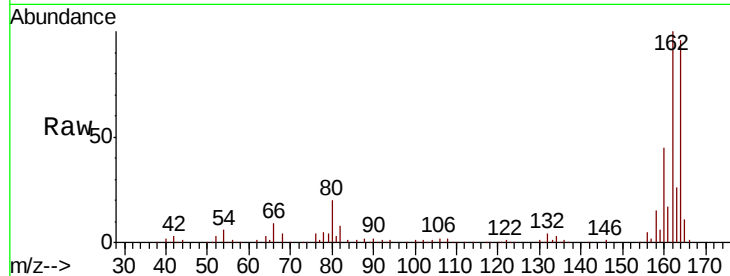
Tot Ion:164 Resp: 186168

Ion Ratio Lower Upper

164 100

162 103.8 81.3 121.9

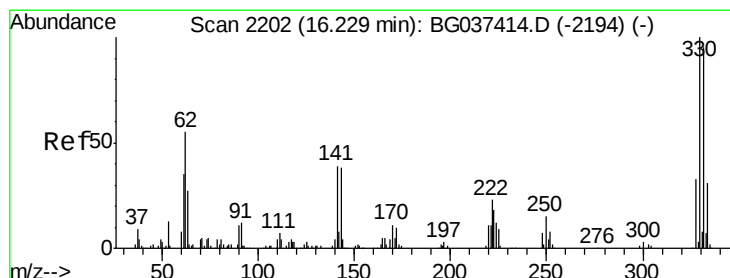
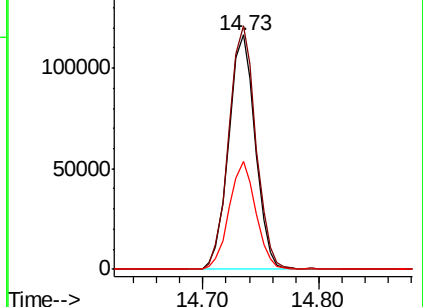
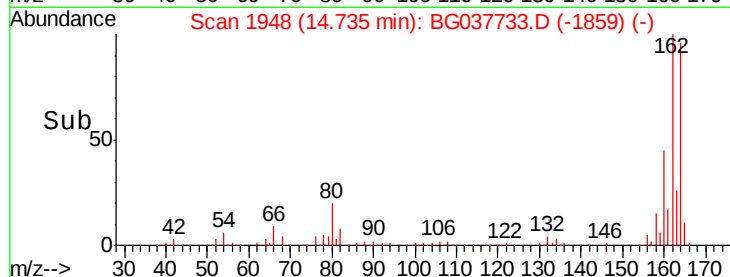
160 46.3 36.3 54.5



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: 68.327 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037733.D

Acq: 2 Nov 2018 00:23

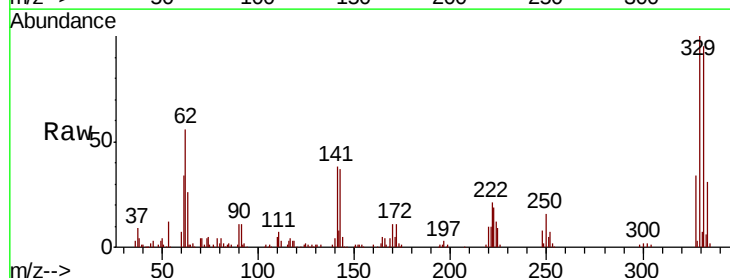
Tgt Ion:330 Resp: 138739

Ion Ratio Lower Upper

330 100

332 94.5 78.4 117.6

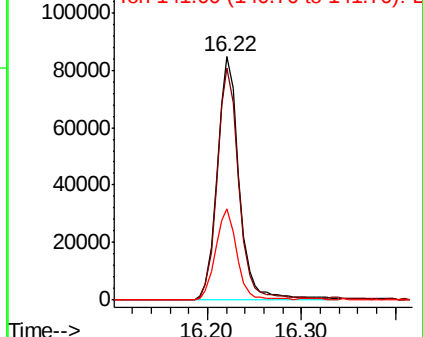
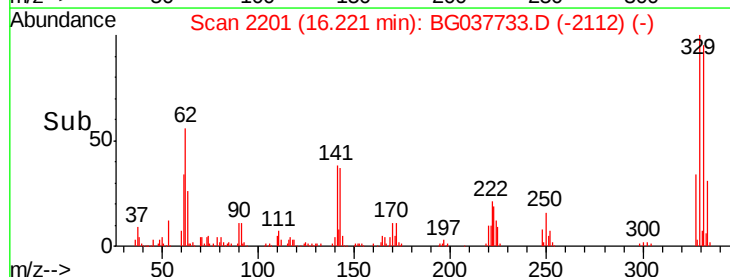
141 36.9 32.2 48.2

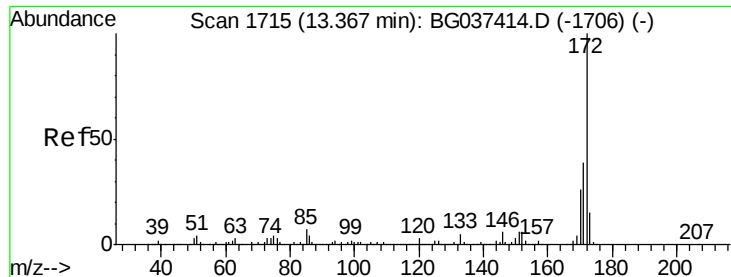


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

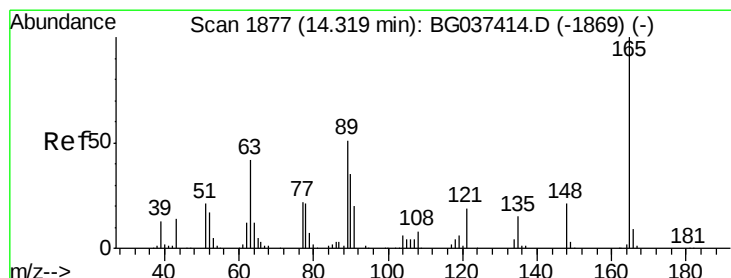
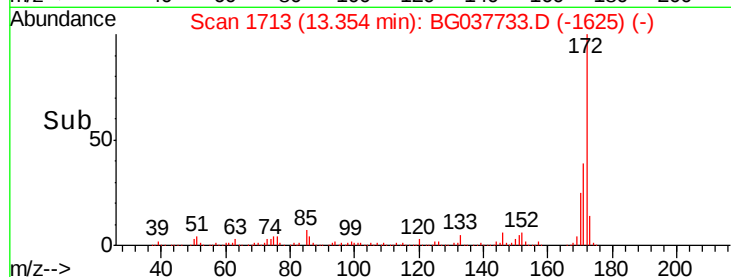
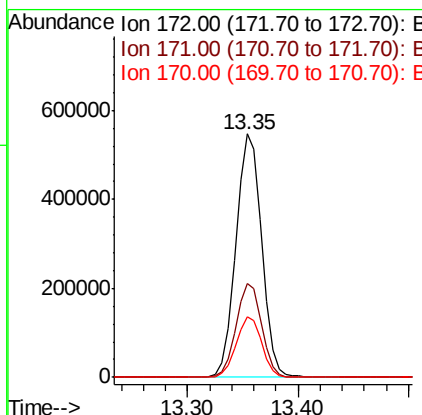
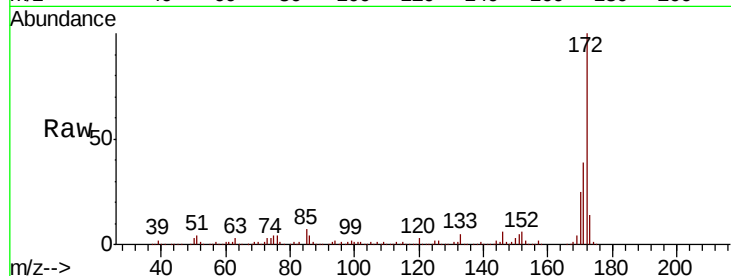




#45
 2-Fluorobiphenyl
 Concen: 72.648 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG037733.D
 Acq: 2 Nov 2018 00:23

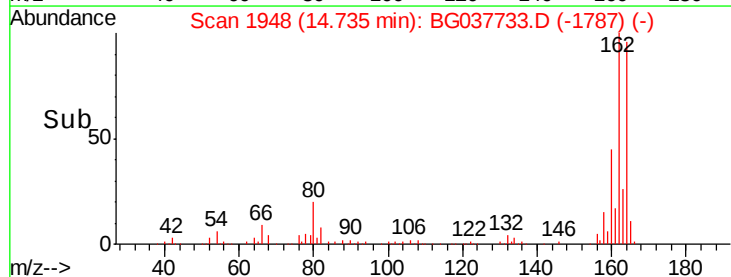
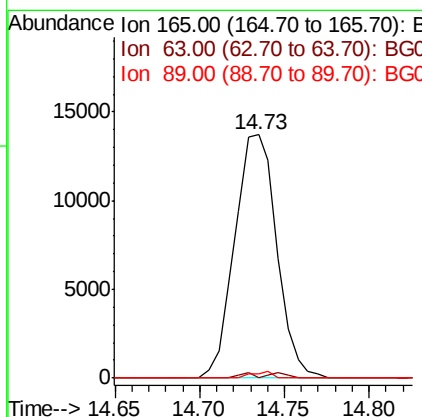
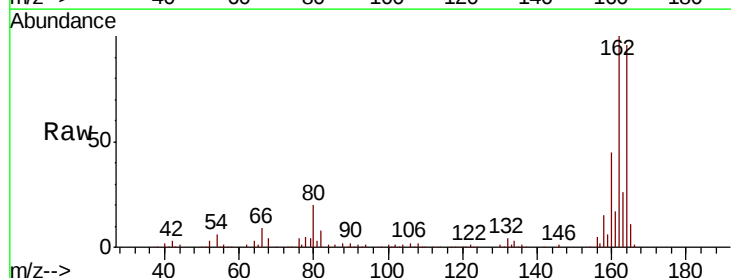
Instrument :
 BNA_G
 ClientSampleId :

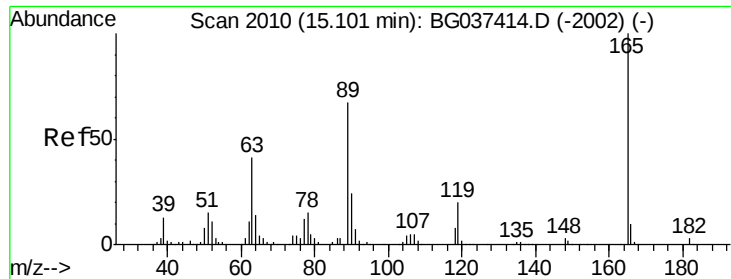
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.0	46.4
170	24.9	20.2	30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.436 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. 0.42 min
 Lab File: BG037733.D
 Acq: 2 Nov 2018 00:23

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	1.8	45.8	68.6#

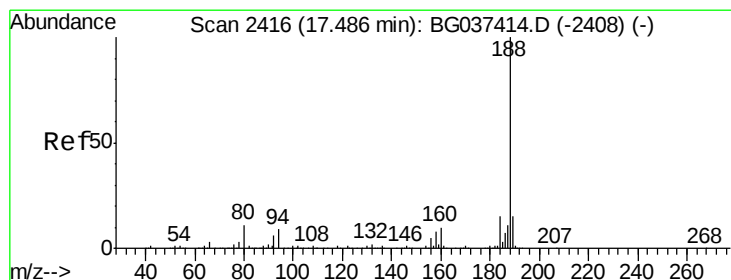
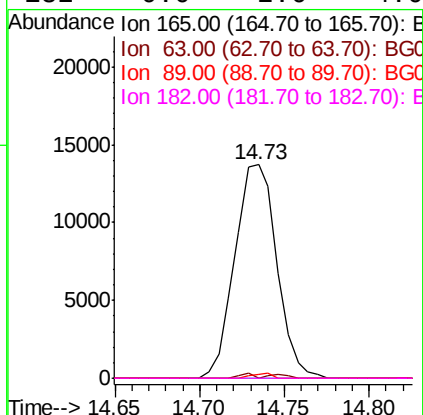
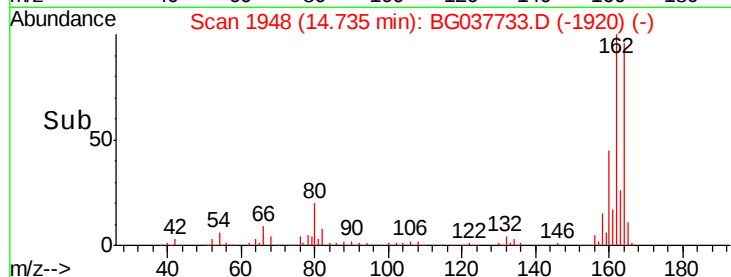
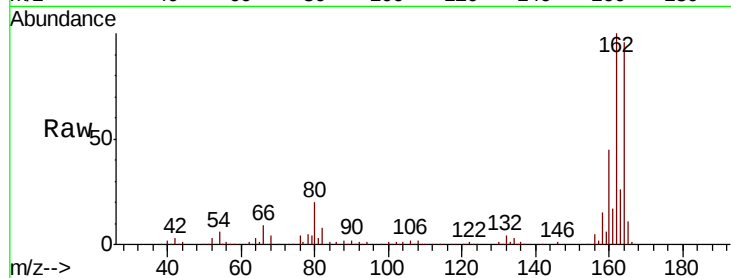




#57
 2,4-Dinitrotoluene
 Concen: 5.665 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.37 min
 Lab File: BG037733.D
 Acq: 2 Nov 2018 00:23

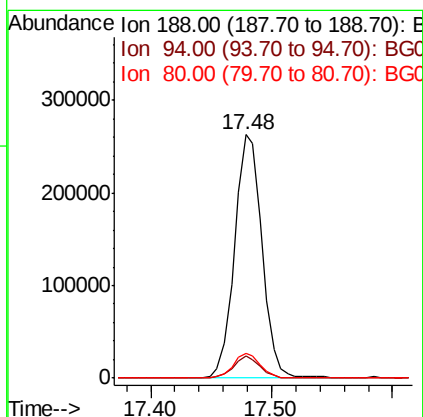
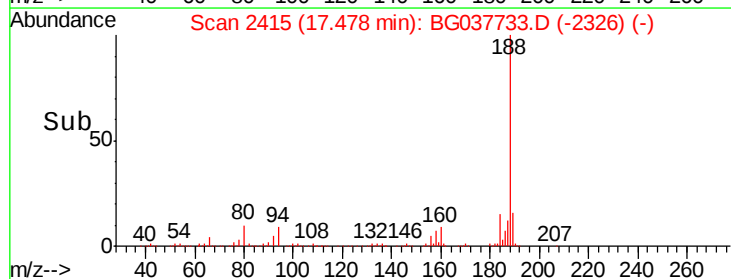
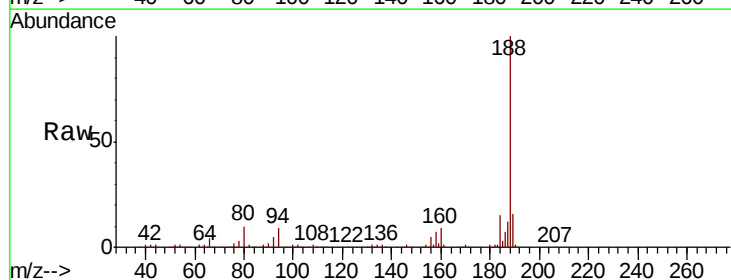
Instrument :
 BNA_G
 ClientSampleId :

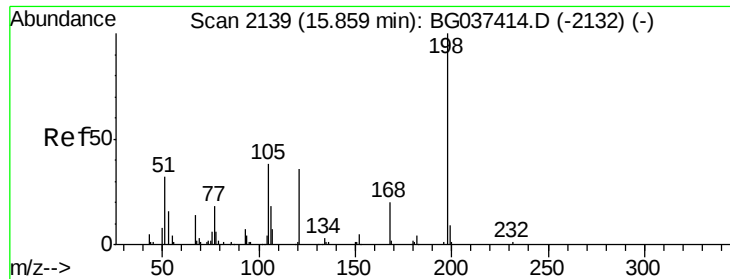
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	1.8	57.2	85.8#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BG037733.D
 Acq: 2 Nov 2018 00:23

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	10.3	7.7	11.5

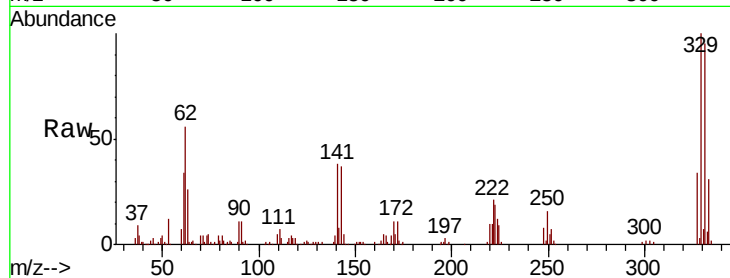




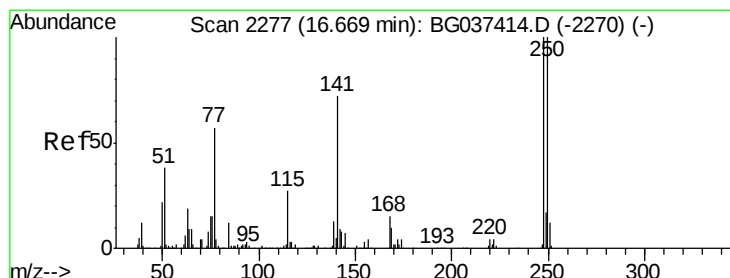
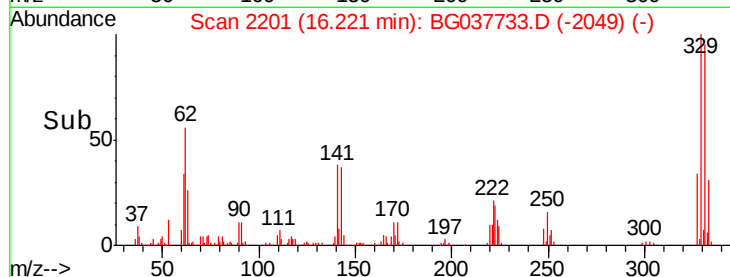
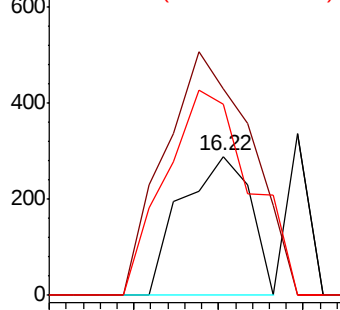
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.631 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. 0.36 min
 Lab File: BG037733.D
 Acq: 2 Nov 2018 00:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 327
 Ion Ratio Lower Upper
 198 100
 51 33.0 22.7 62.7
 105 30.6 19.7 59.7

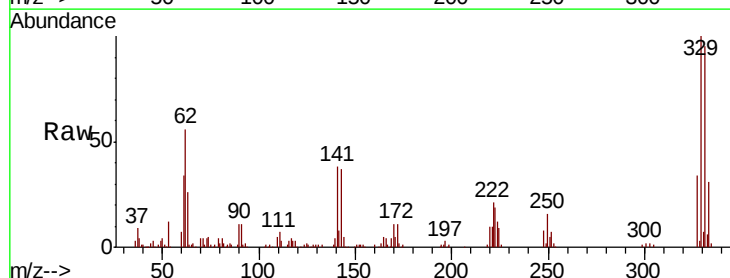


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG0
 Ion 105.00 (104.70 to 105.70): E

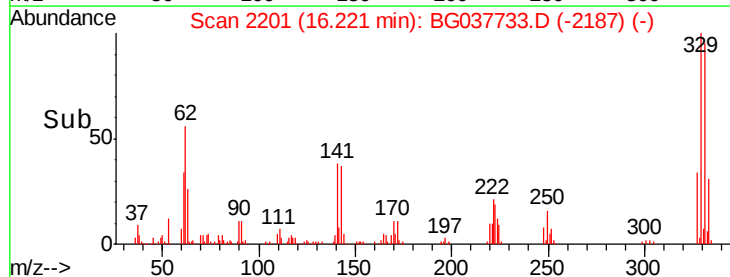
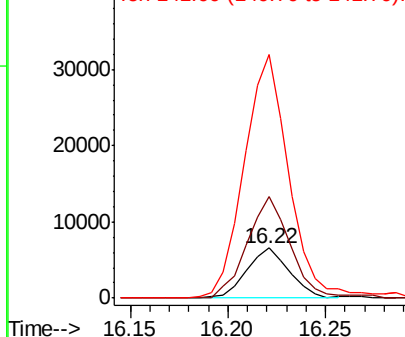


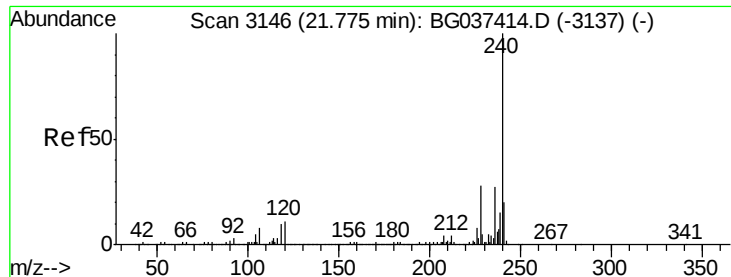
#67
 4-Bromophenyl-phenylether
 Concen: 2.177 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037733.D
 Acq: 2 Nov 2018 00:23

Tgt Ion:248 Resp: 9949
 Ion Ratio Lower Upper
 248 100
 250 203.5 77.0 115.6#
 141 375.1 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

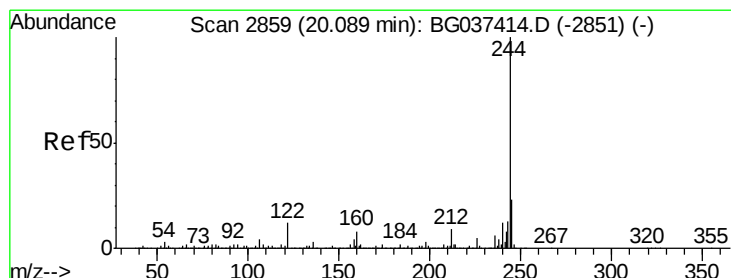
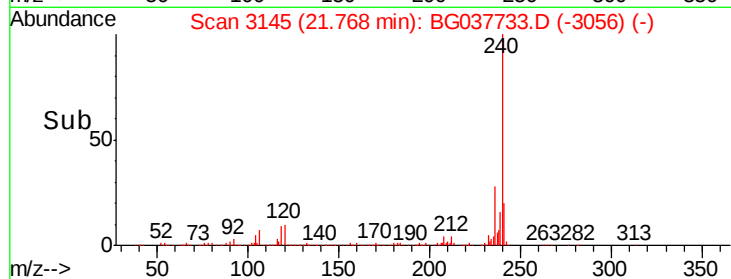
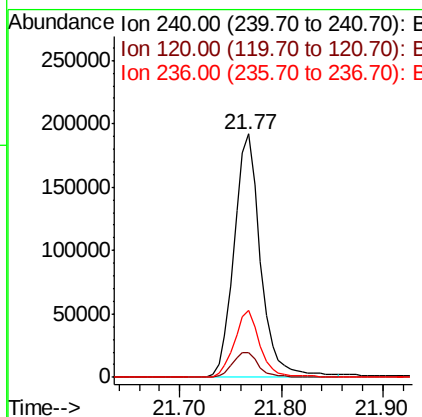
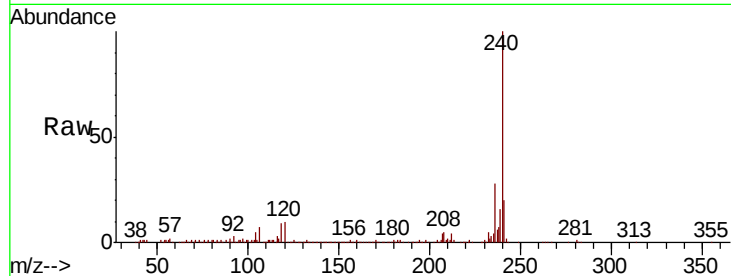




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.77 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG037733.D
 Acq: 2 Nov 2018 00:23

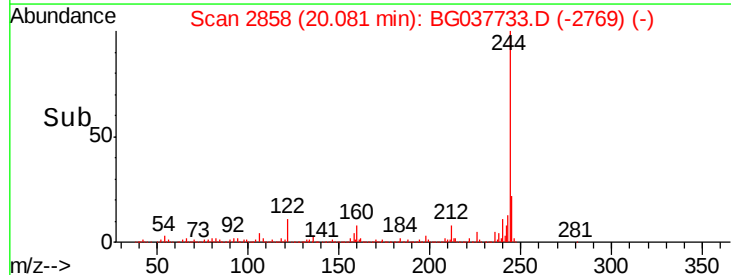
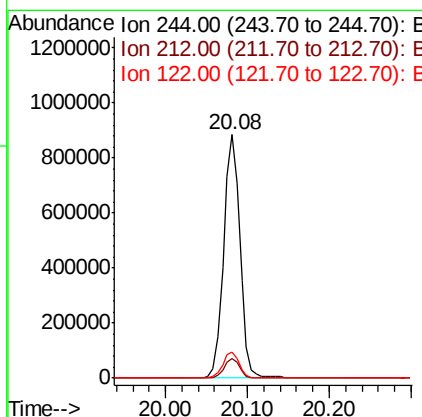
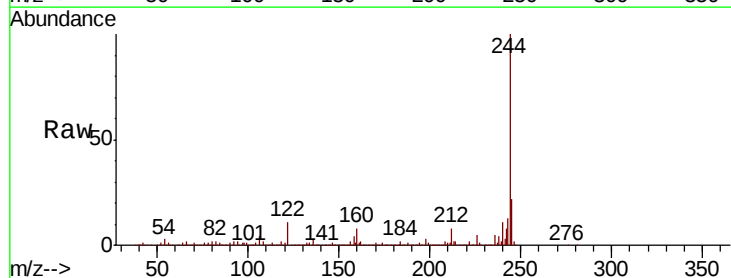
Instrument :
 BNA_G
 ClientSampleId :

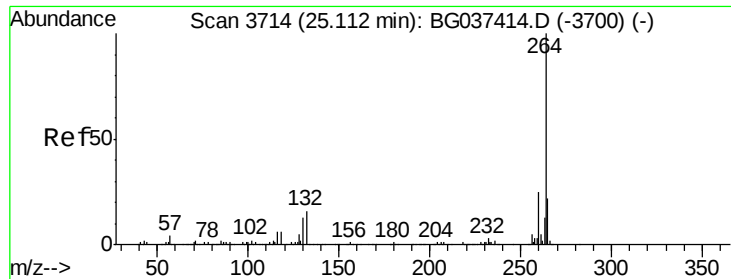
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.1	12.1
236	27.5	21.4	32.0



#79
 Terphenyl-d14
 Concen: 75.327 ng
 RT: 20.08 min Scan# 2858
 Delta R.T. -0.01 min
 Lab File: BG037733.D
 Acq: 2 Nov 2018 00:23

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	10.9	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: BG037733.D
Acq: 2 Nov 2018 00:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.4
265	20.5	17.9	26.9

