

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110118\
 Data File : BG037730.D
 Acq On : 1 Nov 2018 22:26
 Operator : JU/SJ
 Sample : PB114386BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 02 07:12:48 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

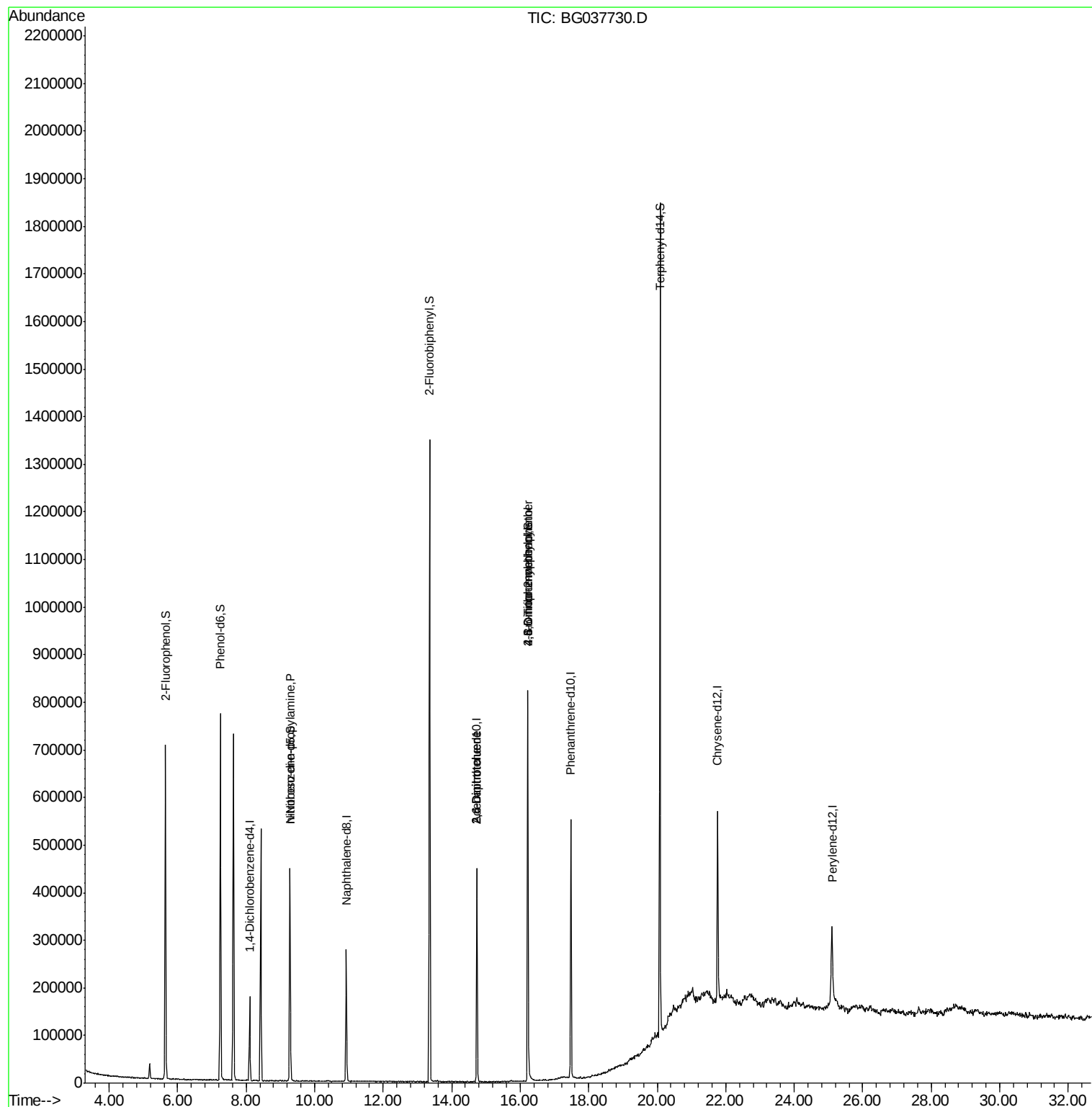
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	53806	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	242031	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	162468	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	349721	20.00	ng	0.00
76) Chrysene-d12	21.76	240	271796	20.00	ng	-0.01
87) Perylene-d12	25.11	264	251909	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	314496	97.72	ng	0.00
7) Phenol-d6	7.24	99	476161	97.84	ng	0.00
23) Nitrobenzene-d5	9.28	82	285980	66.19	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	165521	93.41	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	728455	67.61	ng	-0.01
79) Terphenyl-d14	20.08	244	906178	71.24	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.28	70	36593	10.920	ng	# 73
51) 2,6-Dinitrotoluene	14.74	165	20242	7.280	ng	# 26
57) 2,4-Dinitrotoluene	14.74	165	20242	5.546	ng	# 26
65) 4,6-Dinitro-2-methylphenol	16.22	198	330	8.655	ng	82
67) 4-Bromophenyl-phenylether	16.22	248	11746	3.058	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110118\
Data File : BG037730.D
Acq On : 1 Nov 2018 22:26
Operator : JU/SJ
Sample : PB114386BL
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Nov 02 07:12:48 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



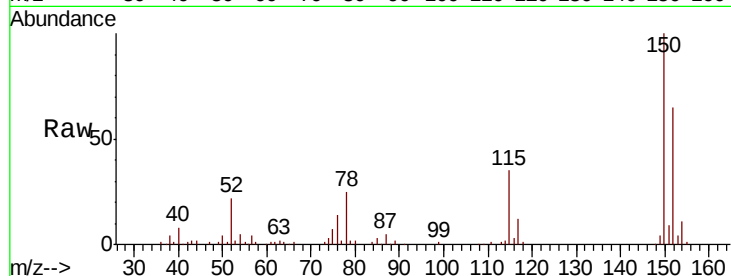


#1

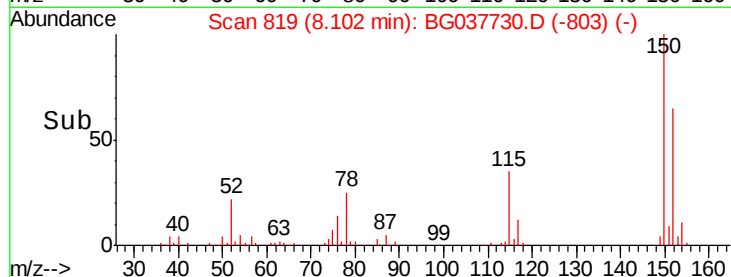
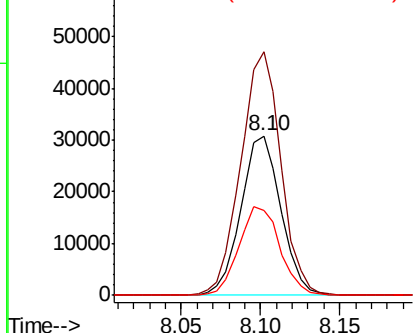
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037730.D
Acq: 1 Nov 2018 22:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 53806
Ion Ratio Lower Upper
152 100
150 153.0 126.0 189.0
115 53.0 45.5 68.3



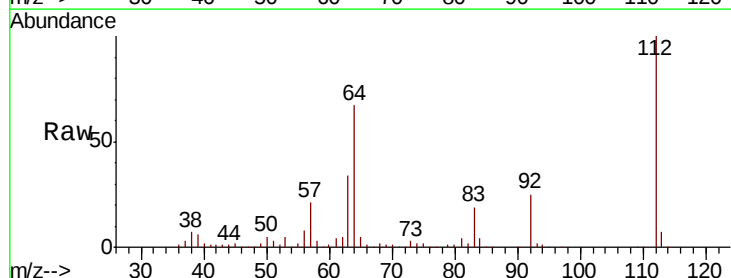
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



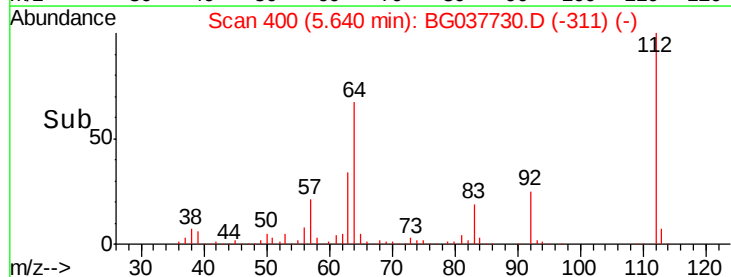
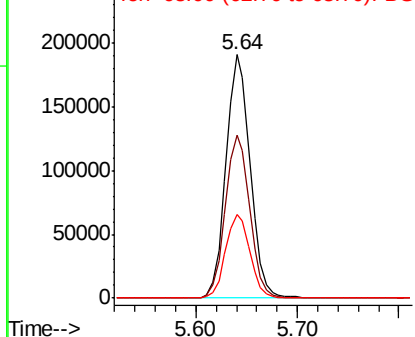
#5

2-Fluorophenol
Concen: 97.720 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037730.D
Acq: 1 Nov 2018 22:26

Tgt Ion:112 Resp: 314496
Ion Ratio Lower Upper
112 100
64 66.9 53.1 79.7
63 34.2 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: 97.844 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037730.D

Acq: 1 Nov 2018 22:26

Instrument :

BNA_G

ClientSampleId :

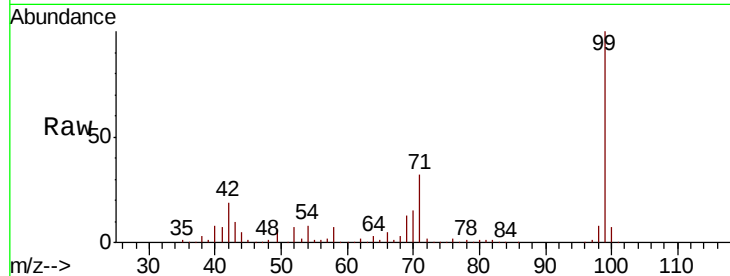
Tot Ion: 99 Resp: 476161

Ion Ratio Lower Upper

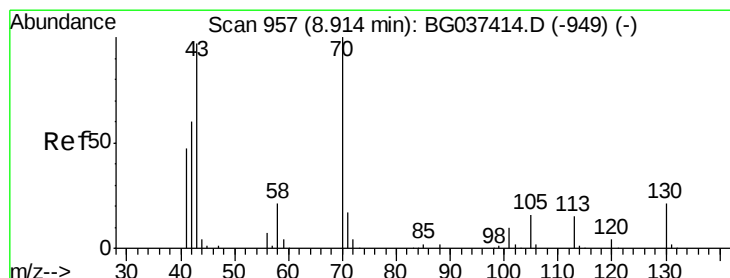
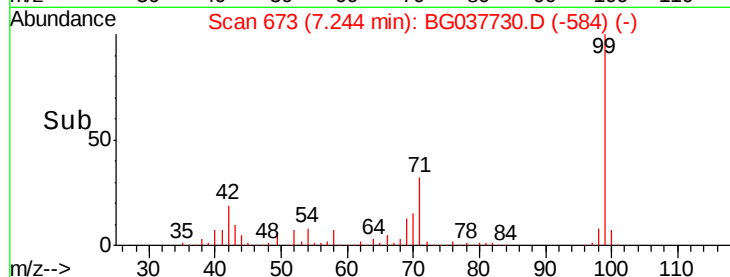
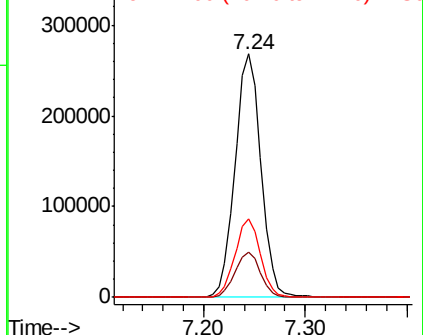
99 100

42 18.8 15.0 22.4

71 32.5 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: 10.920 ng

RT: 9.28 min Scan# 1019

Delta R.T. 0.36 min

Lab File: BG037730.D

Acq: 1 Nov 2018 22:26

Tgt Ion: 70 Resp: 36593

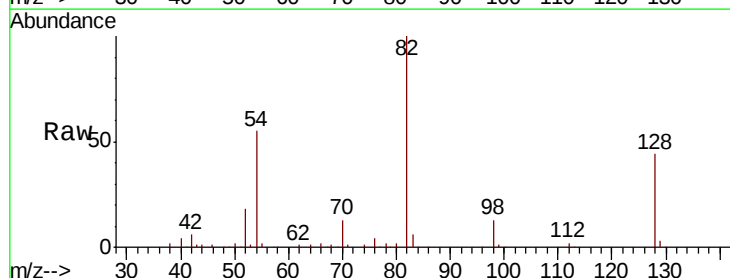
Ion Ratio Lower Upper

70 100

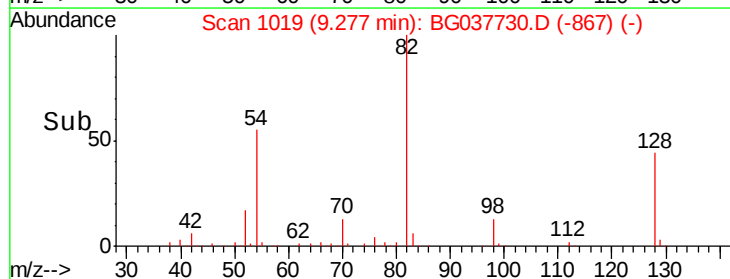
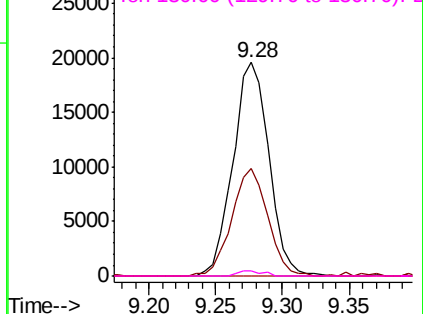
42 50.1 53.9 80.9#

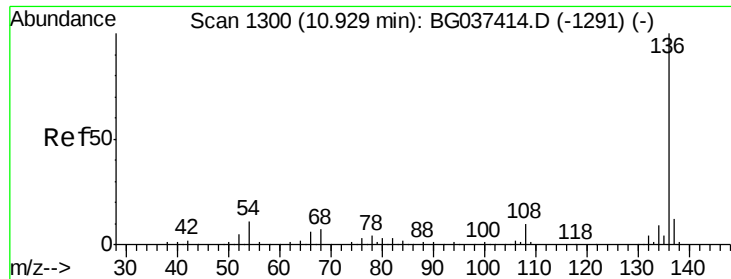
101 0.0 8.2 12.2#

130 2.5 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

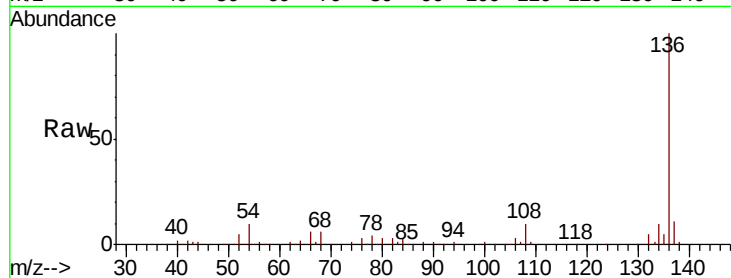




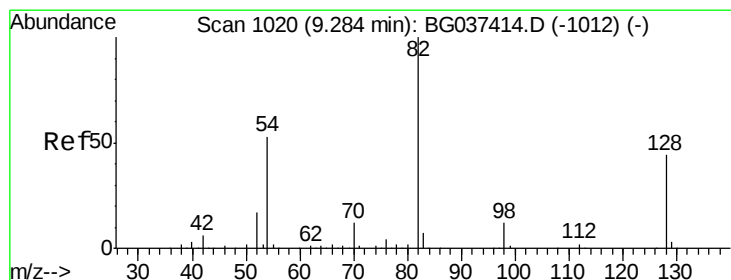
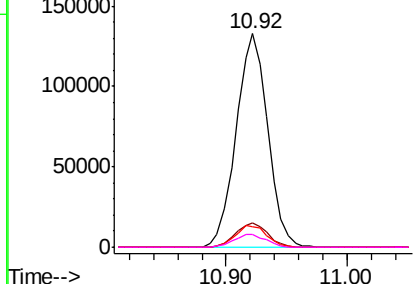
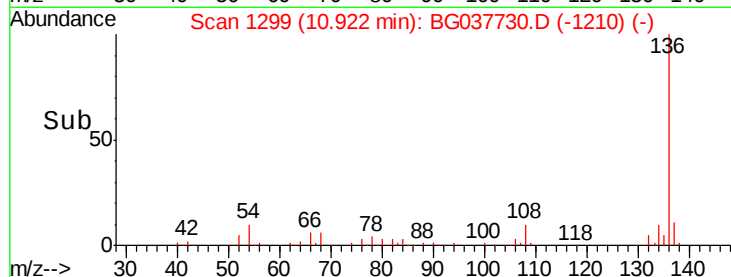
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037730.D
Acq: 1 Nov 2018 22:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	242031
Ion Ratio	Lower	Upper
136	100	
137	11.4	9.6 14.4
54	9.9	7.9 11.9
68	5.9	4.8 7.2

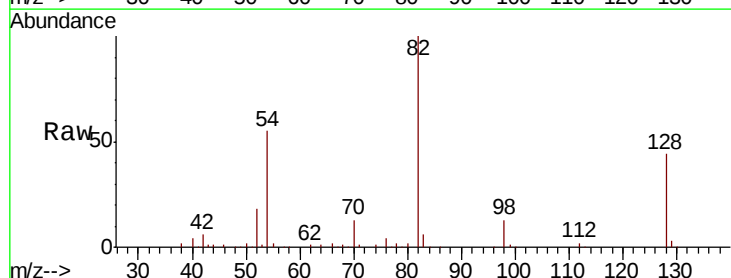


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

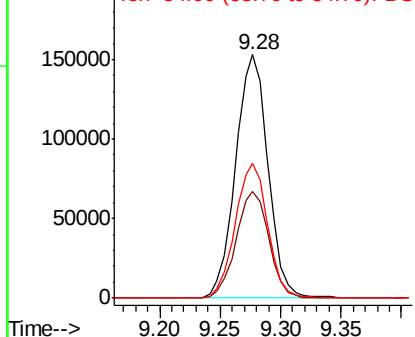
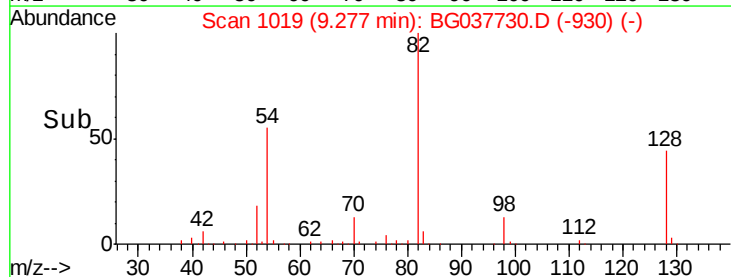


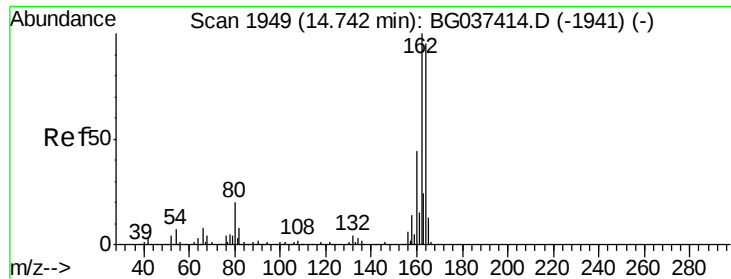
#23
Nitrobenzene-d5
Concen: 66.191 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037730.D
Acq: 1 Nov 2018 22:26

Tgt Ion: 82	Resp:	285980
Ion Ratio	Lower	Upper
82	100	
128	44.0	34.6 51.8
54	55.2	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

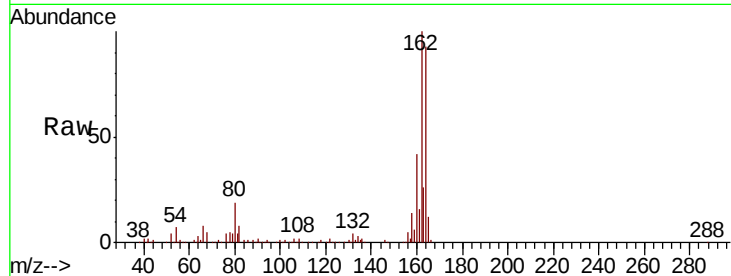




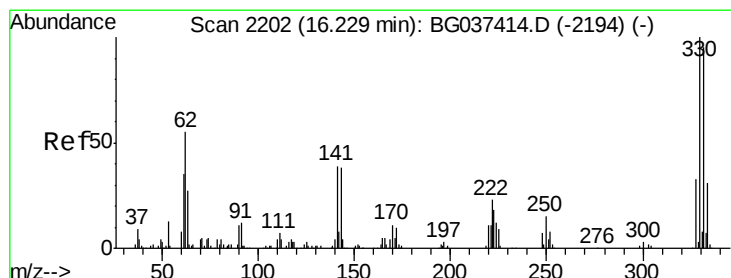
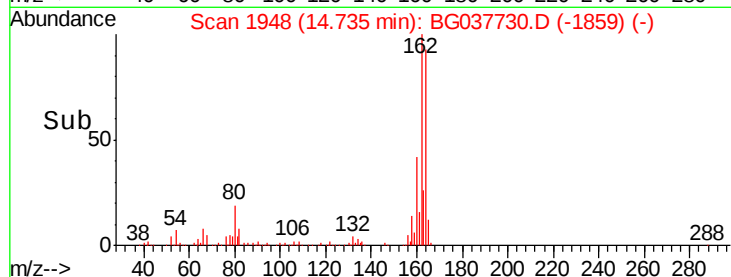
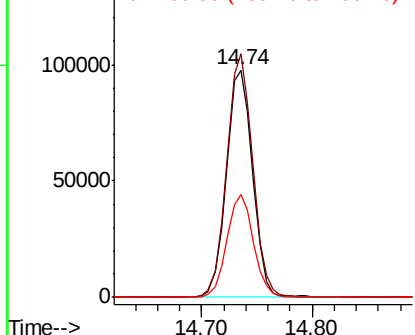
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037730.D
Acq: 1 Nov 2018 22:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 162468
Ion Ratio Lower Upper
164 100
162 107.0 81.3 121.9
160 45.3 36.3 54.5

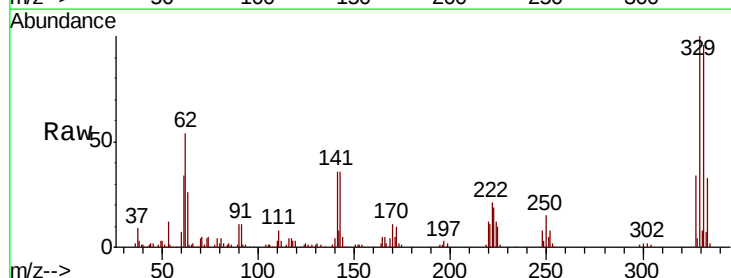


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

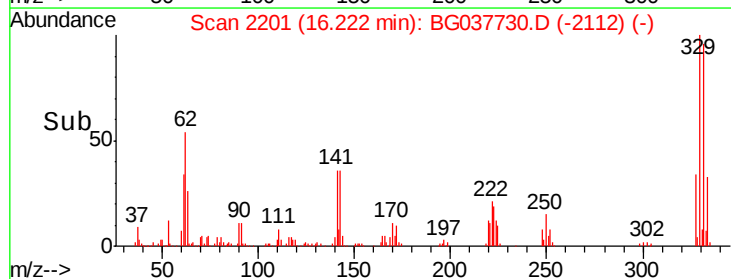
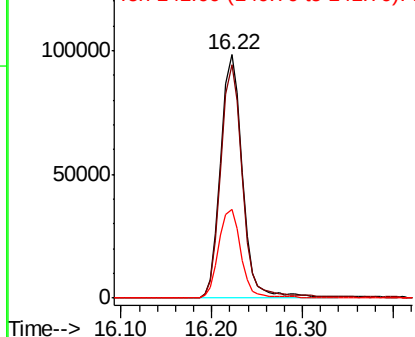


#42
2,4,6-Tribromophenol
Concen: 93.408 ng
RT: 16.22 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BG037730.D
Acq: 1 Nov 2018 22:26

Tgt Ion:330 Resp: 165521
Ion Ratio Lower Upper
330 100
332 95.4 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

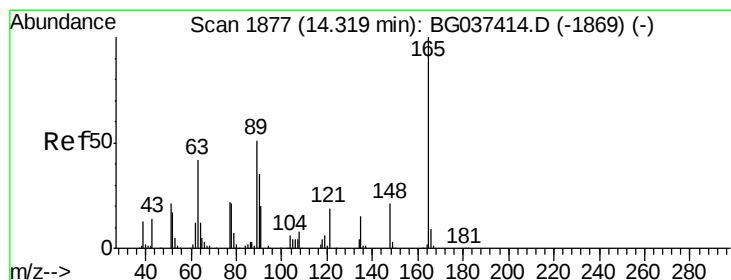
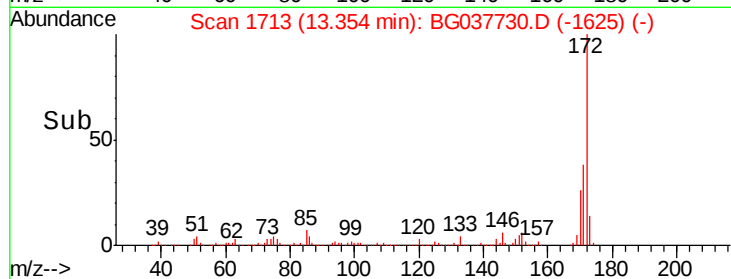
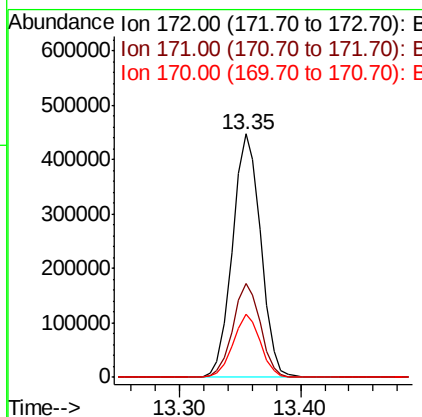
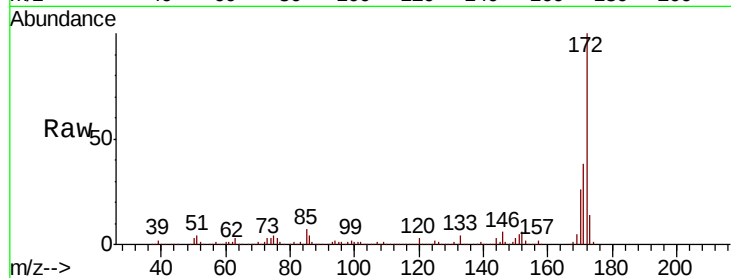




#45
 2-Fluorobiphenyl
 Concen: 67.611 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG037730.D
 Acq: 1 Nov 2018 22:26

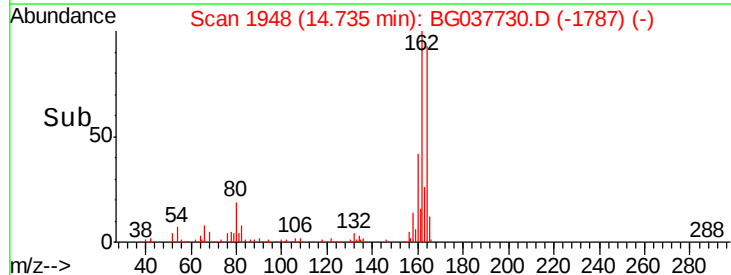
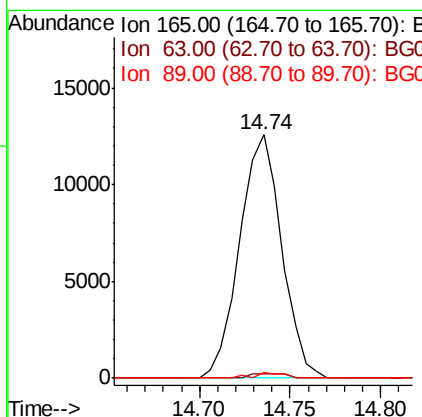
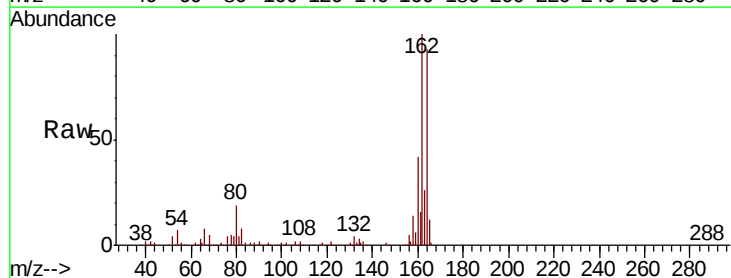
Instrument :
 BNA_G
 ClientSampleId :

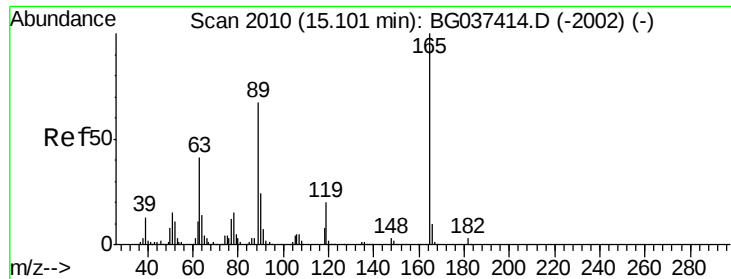
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.0	46.4
170	25.8	20.2	30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.280 ng
 RT: 14.74 min Scan# 1948
 Delta R.T. 0.42 min
 Lab File: BG037730.D
 Acq: 1 Nov 2018 22:26

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	43.4	65.2#
89	2.0	45.8	68.6#

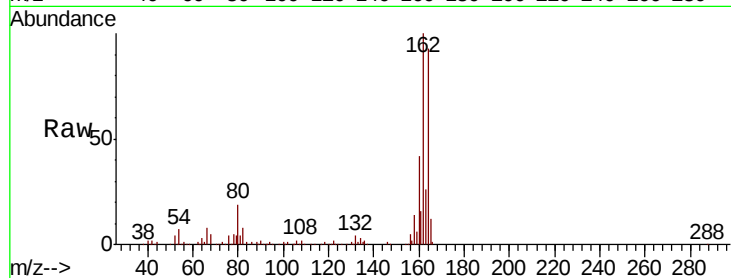




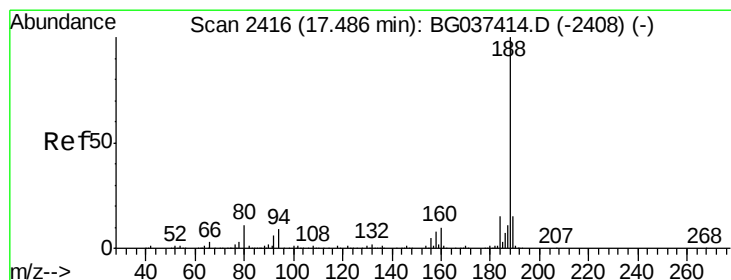
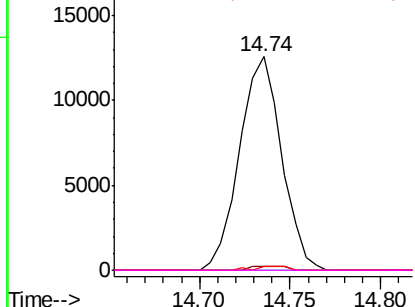
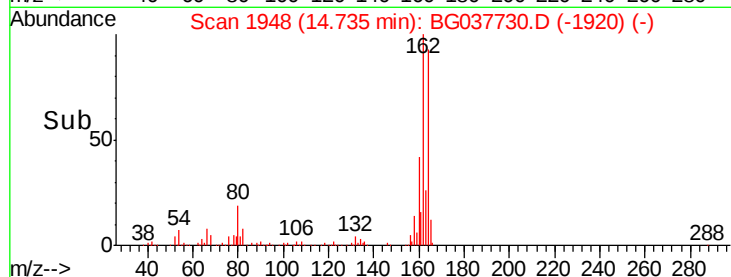
#57
 2,4-Dinitrotoluene
 Concen: 5.546 ng
 RT: 14.74 min Scan# 1948
 Delta R.T. -0.37 min
 Lab File: BG037730.D
 Acq: 1 Nov 2018 22:26

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 20242
 Ion Ratio Lower Upper
 165 100
 63 1.5 33.4 50.0#
 89 2.0 57.2 85.8#
 182 0.0 2.6 4.0#

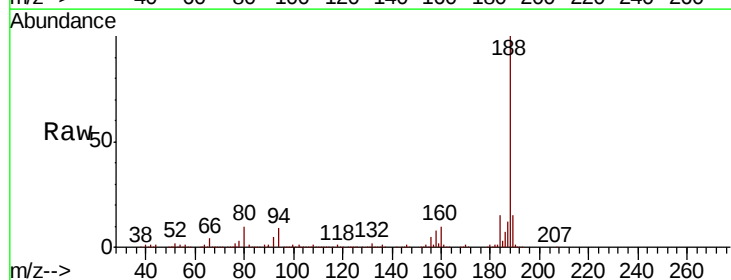


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

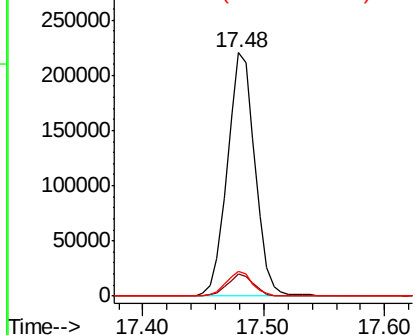
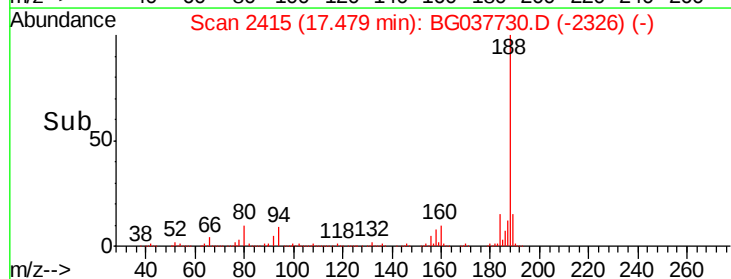


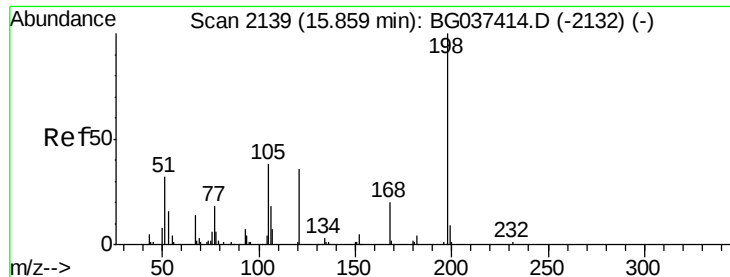
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BG037730.D
 Acq: 1 Nov 2018 22:26

Tgt Ion:188 Resp: 349721
 Ion Ratio Lower Upper
 188 100
 94 9.1 7.2 10.8
 80 10.3 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

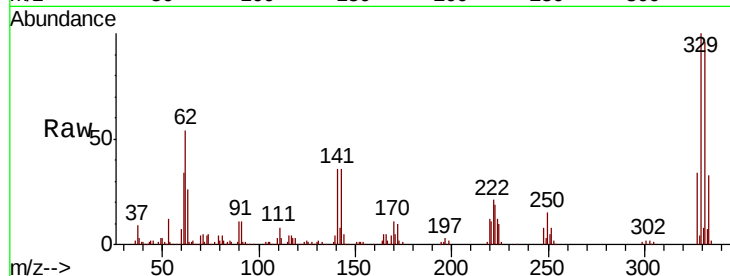




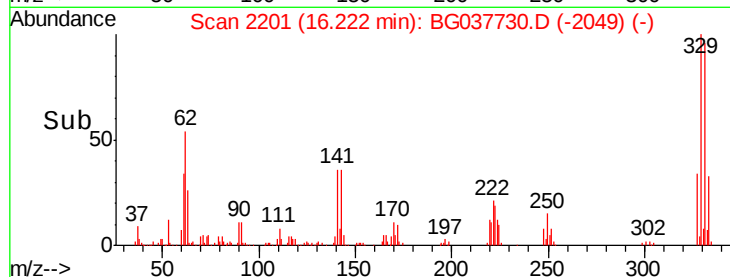
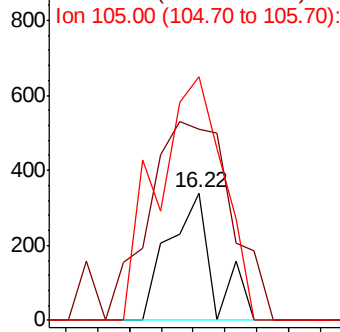
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.655 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. 0.36 min
 Lab File: BG037730.D
 Acq: 1 Nov 2018 22:26

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:198 Resp: 330
 Ion Ratio Lower Upper
 198 100
 51 26.7 22.7 62.7
 105 33.9 19.7 59.7

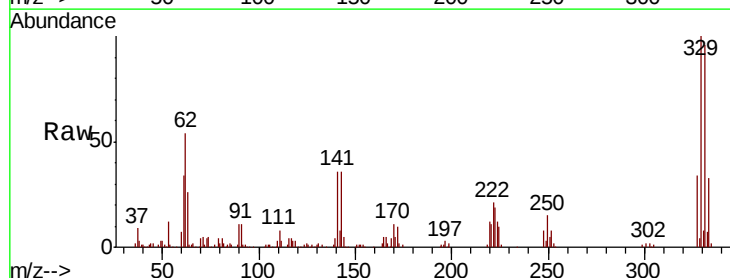


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG0
 Ion 105.00 (104.70 to 105.70): E

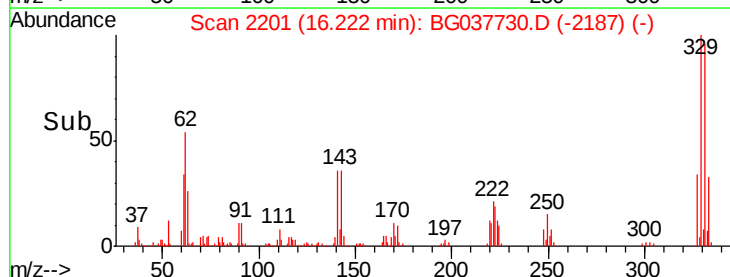
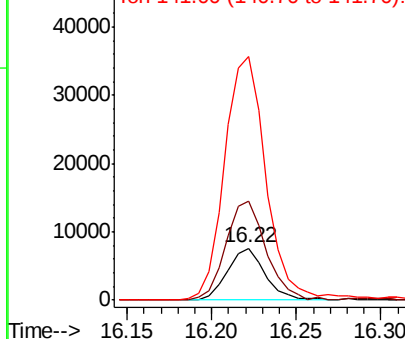


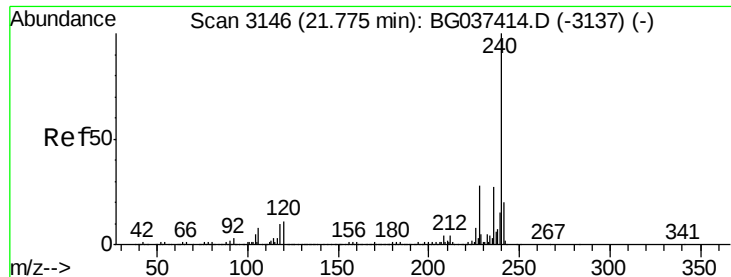
#67
 4-Bromophenyl-phenylether
 Concen: 3.058 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037730.D
 Acq: 1 Nov 2018 22:26

Tgt Ion:248 Resp: 11746
 Ion Ratio Lower Upper
 248 100
 250 188.8 77.0 115.6#
 141 342.1 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

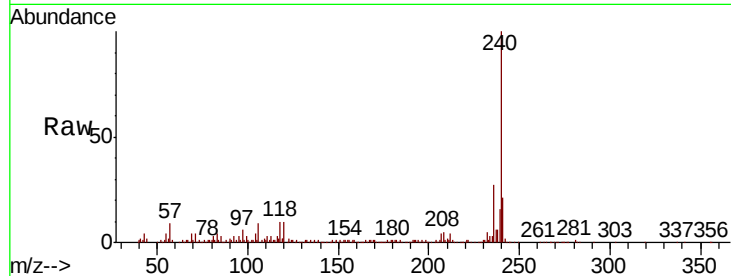




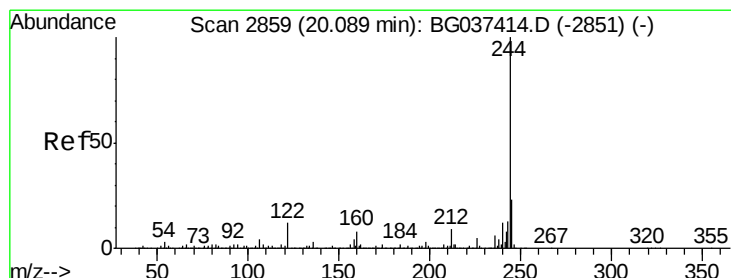
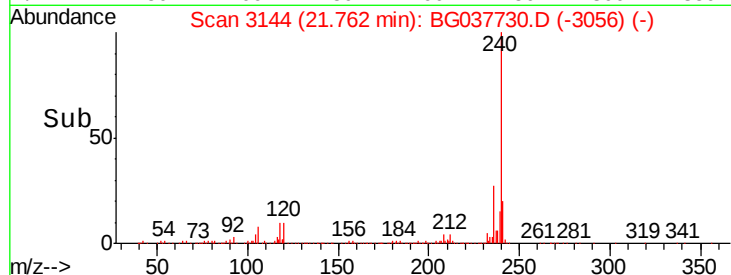
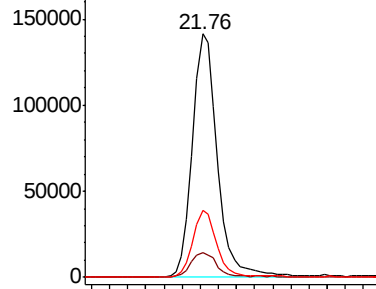
#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.76 min Scan# 3144
 Delta R.T. -0.01 min
 Lab File: BG037730.D
 Acq: 1 Nov 2018 22:26

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:240 Resp: 271796
 Ion Ratio Lower Upper
 240 100
 120 10.2 8.1 12.1
 236 27.3 21.4 32.0

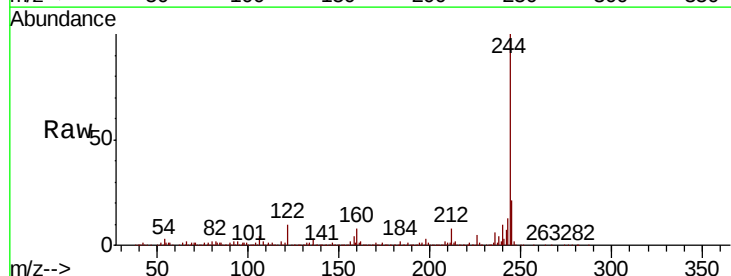


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

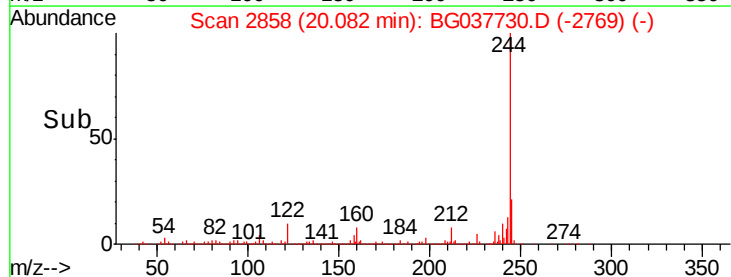
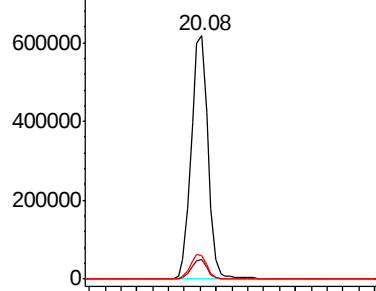


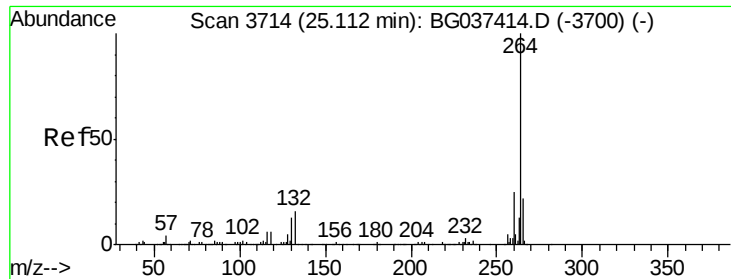
#79
 Terphenyl-d14
 Concen: 71.241 ng
 RT: 20.08 min Scan# 2858
 Delta R.T. -0.01 min
 Lab File: BG037730.D
 Acq: 1 Nov 2018 22:26

Tgt Ion:244 Resp: 906178
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.5 9.7
 122 9.8 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: 25.11 min Scan# 3713
 Delta R.T. -0.01 min
 Lab File: BG037730.D
 Acq: 1 Nov 2018 22:26

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.2	27.4
265	22.4	17.9	26.9

