

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101818\
 Data File : BG037421.D
 Acq On : 18 Oct 2018 16:01
 Operator : JU/SJ
 Sample : PB113672BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 19 07:06:50 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

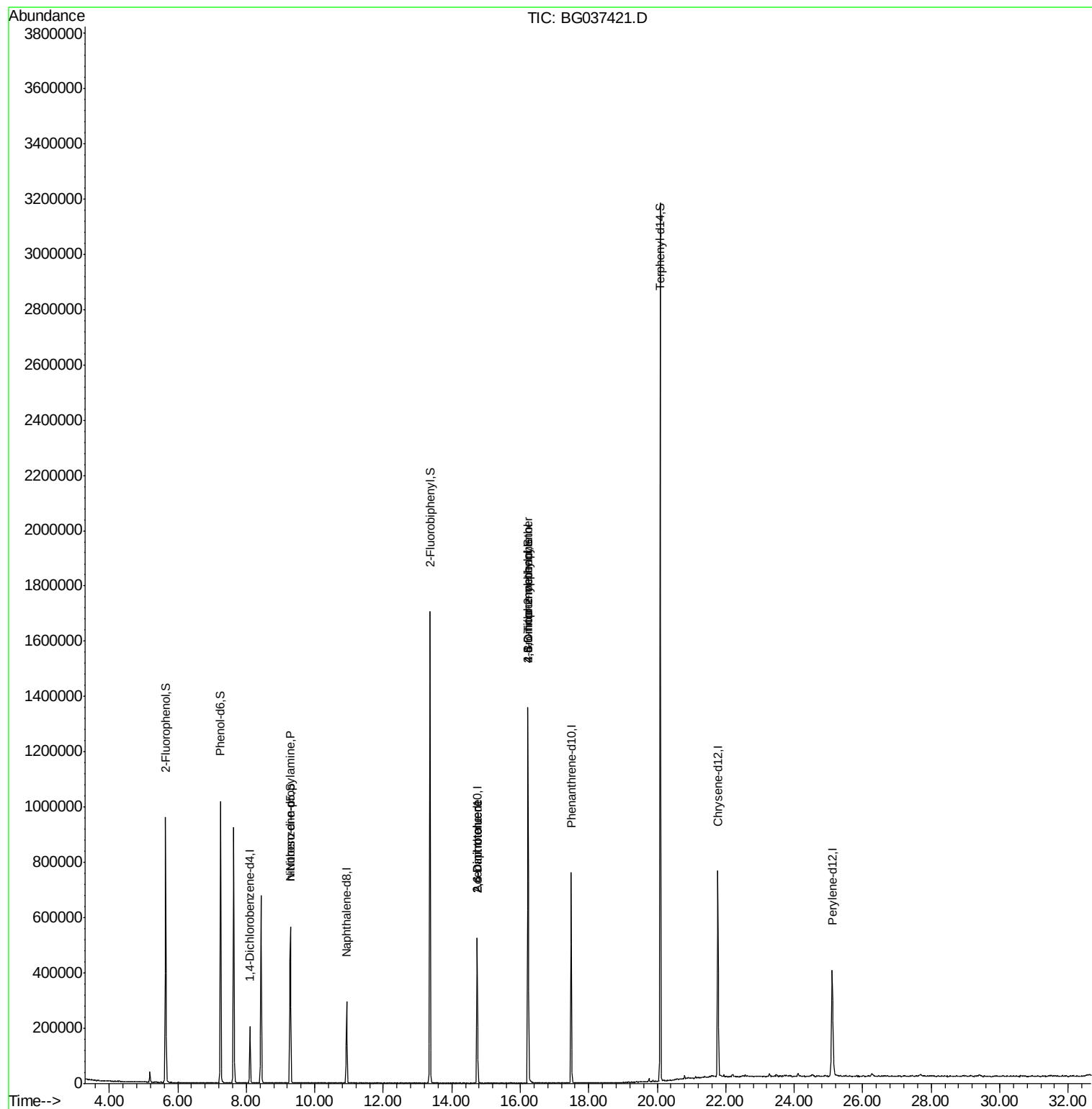
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	63188	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	272478	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	189944	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	490278	20.00	ng	0.00
76) Chrysene-d12	21.77	240	465263	20.00	ng	0.00
87) Perylene-d12	25.11	264	453692	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	456462	120.77	ng	0.00
7) Phenol-d6	7.25	99	645068	112.87	ng	0.00
23) Nitrobenzene-d5	9.29	82	362942	74.62	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	246437	118.95	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	904199	71.78	ng	0.00
79) Terphenyl-d14	20.09	244	1533604	70.43	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.29	70	45281	11.506	ng	# 73
51) 2,6-Dinitrotoluene	14.74	165	24401	7.506	ng	# 24
57) 2,4-Dinitrotoluene	14.74	165	24401	5.718	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.23	198	672	8.722	ng	71
67) 4-Bromophenyl-phenylether	16.23	248	17940	3.332	ng	# 1

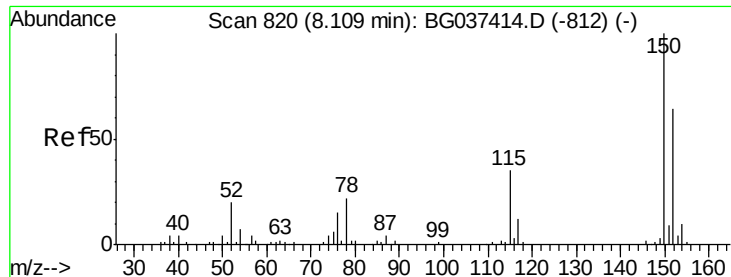
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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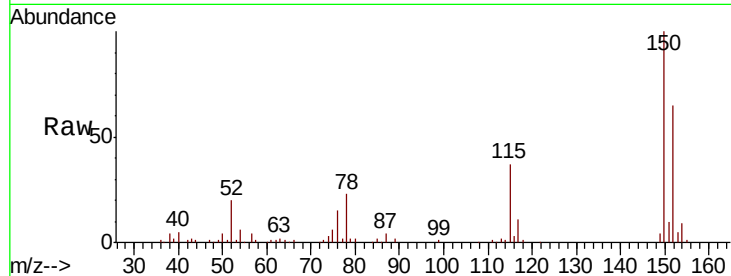


#1

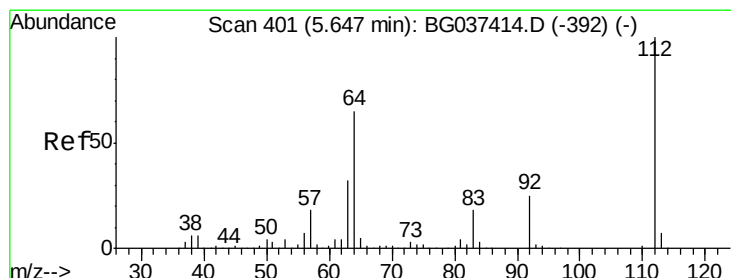
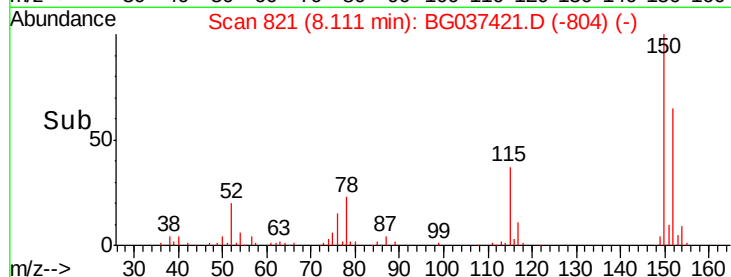
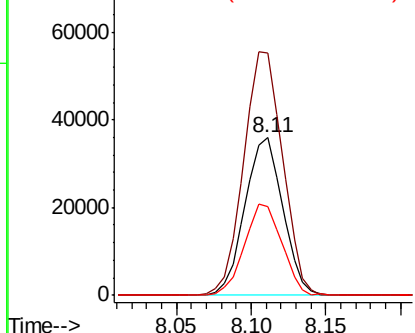
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. 0.00 min
Lab File: BG037421.D
Acq: 18 Oct 2018 16:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 63188
Ion Ratio Lower Upper
152 100
150 153.6 126.0 189.0
115 56.4 45.5 68.3



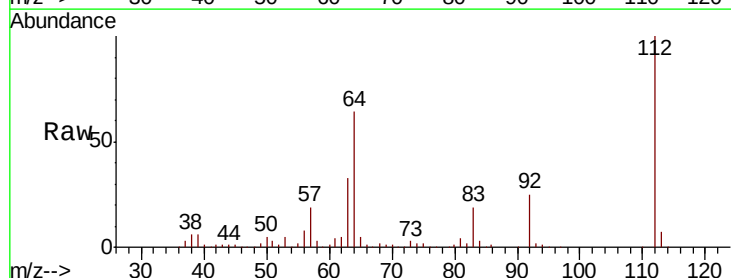
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



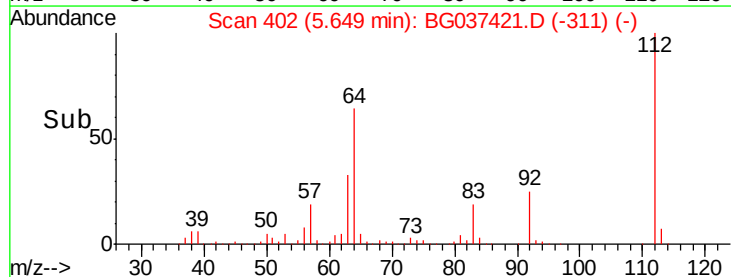
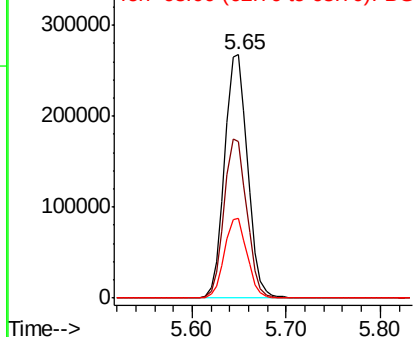
#5

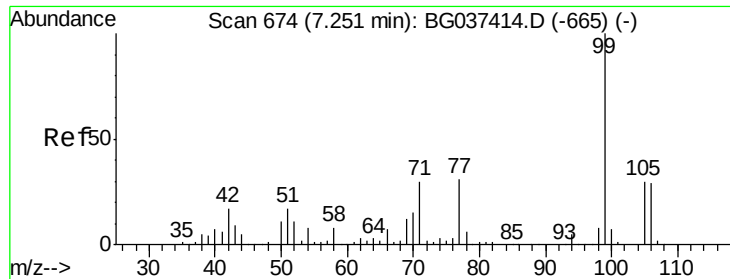
2-Fluorophenol
Concen: 120.773 ng
RT: 5.65 min Scan# 402
Delta R.T. 0.00 min
Lab File: BG037421.D
Acq: 18 Oct 2018 16:01

Tgt Ion:112 Resp: 456462
Ion Ratio Lower Upper
112 100
64 64.5 53.1 79.7
63 32.9 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: 112.871 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037421.D

Acq: 18 Oct 2018 16:01

Instrument :

BNA_G

ClientSampled :

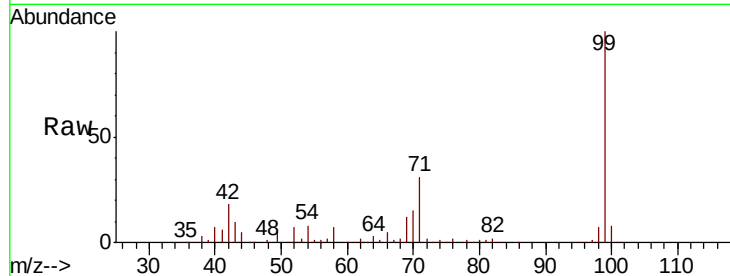
Tot Ion: 99 Resp: 645068

Ion Ratio Lower Upper

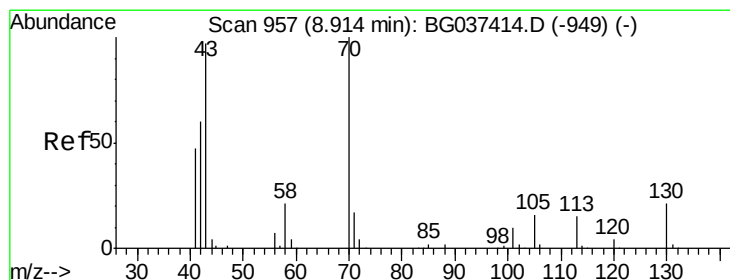
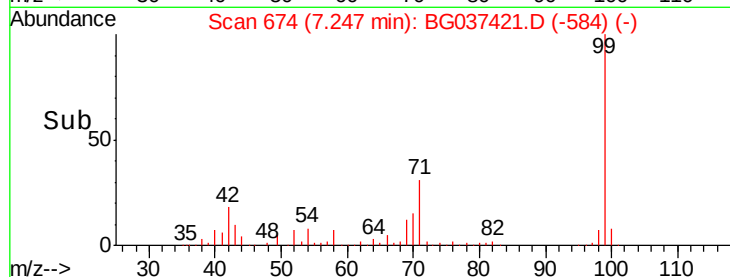
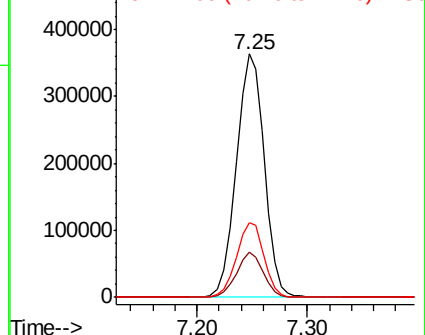
99 100

42 18.3 15.0 22.4

71 30.6 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: 11.506 ng

RT: 9.29 min Scan# 1021

Delta R.T. 0.37 min

Lab File: BG037421.D

Acq: 18 Oct 2018 16:01

Tgt Ion: 70 Resp: 45281

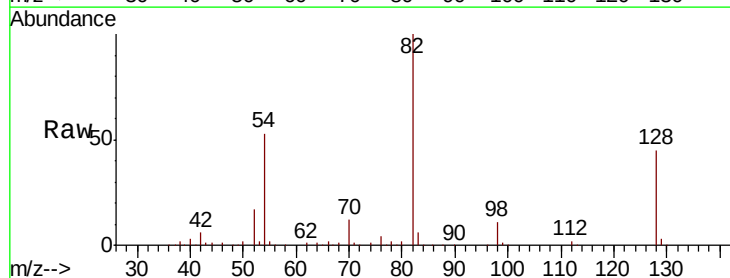
Ion Ratio Lower Upper

70 100

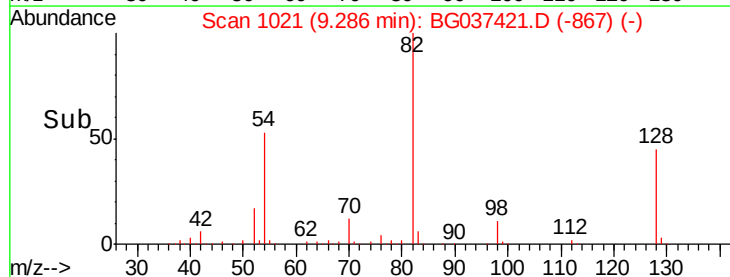
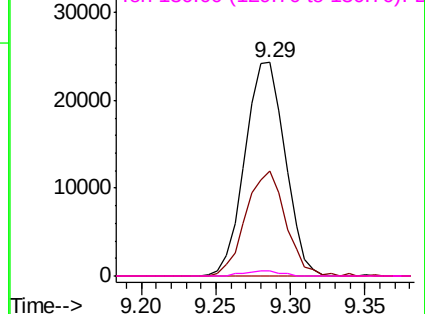
42 49.4 53.9 80.9#

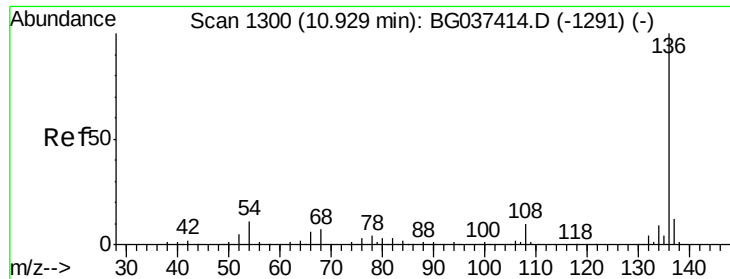
101 0.0 8.2 12.2#

130 2.3 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

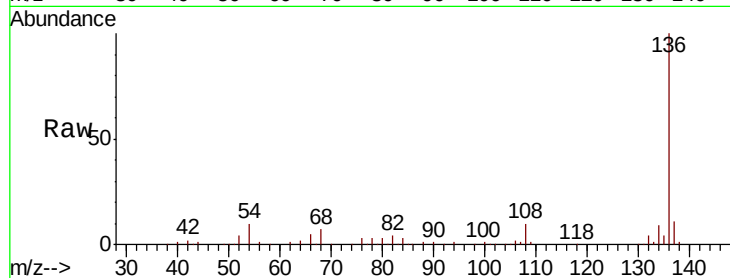




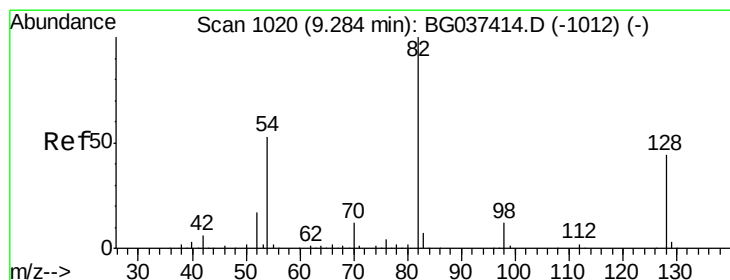
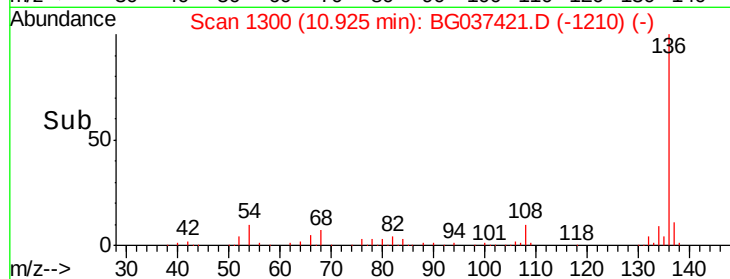
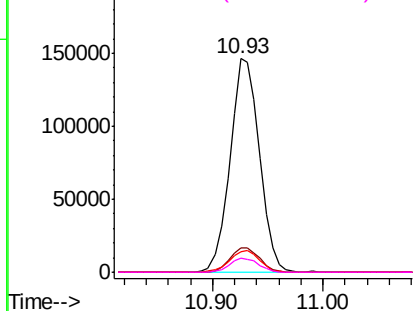
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037421.D
Acq: 18 Oct 2018 16:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	272478
Ion	Ratio	Lower Upper
136	100	
137	11.3	9.6 14.4
54	9.8	7.9 11.9
68	6.5	4.8 7.2

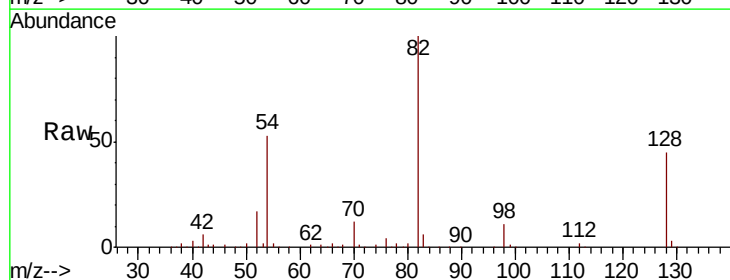


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

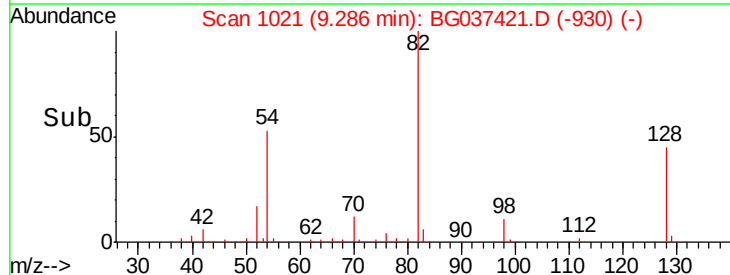
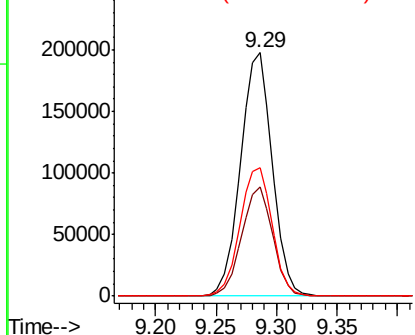


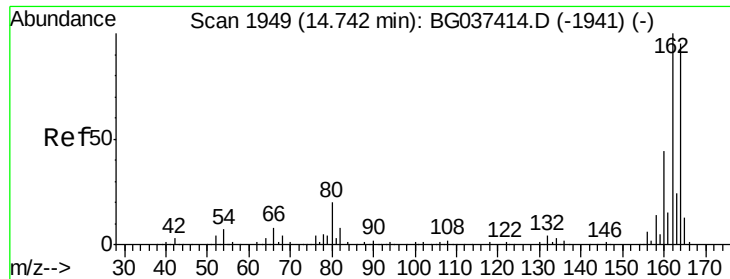
#23
Nitrobenzene-d5
Concen: 74.618 ng
RT: 9.29 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BG037421.D
Acq: 18 Oct 2018 16:01

Tgt Ion: 82	Resp:	362942
Ion	Ratio	Lower Upper
82	100	
128	44.8	34.6 51.8
54	52.9	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: 14.74 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG037421.D

Acq: 18 Oct 2018 16:01

Instrument :

BNA_G

ClientSampleId :

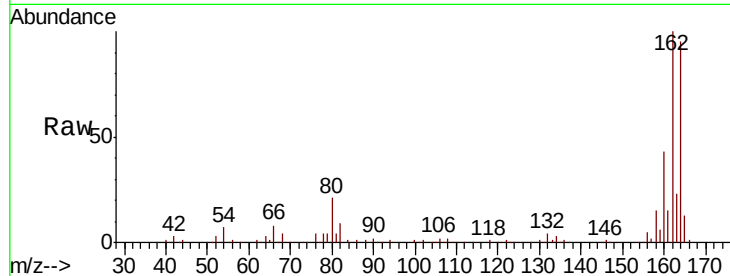
Tot Ion:164 Resp: 189944

Ion Ratio Lower Upper

164 100

162 104.8 81.3 121.9

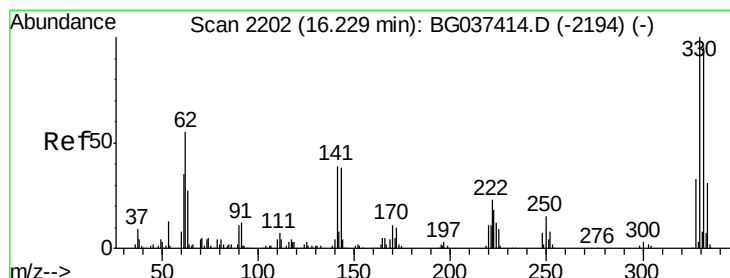
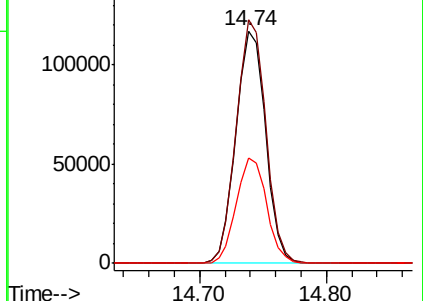
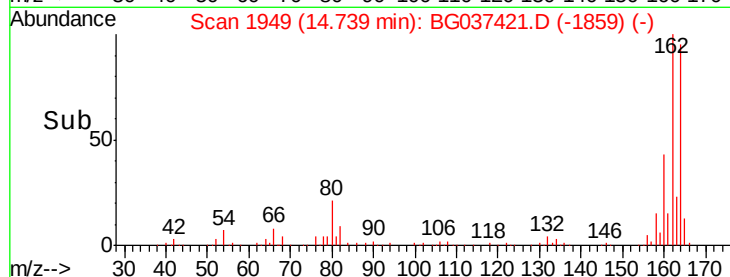
160 45.5 36.3 54.5



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: 118.954 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037421.D

Acq: 18 Oct 2018 16:01

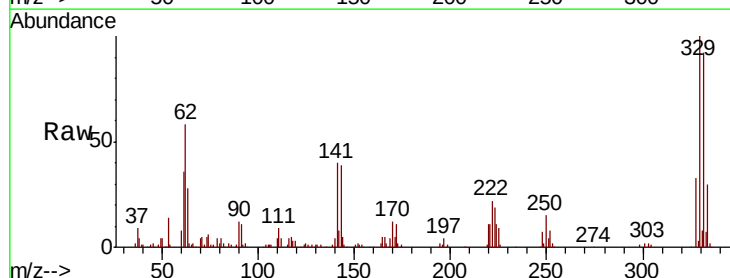
Tgt Ion:330 Resp: 246437

Ion Ratio Lower Upper

330 100

332 94.7 78.4 117.6

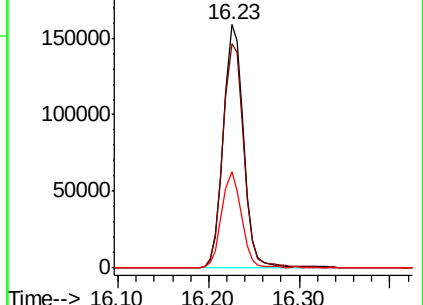
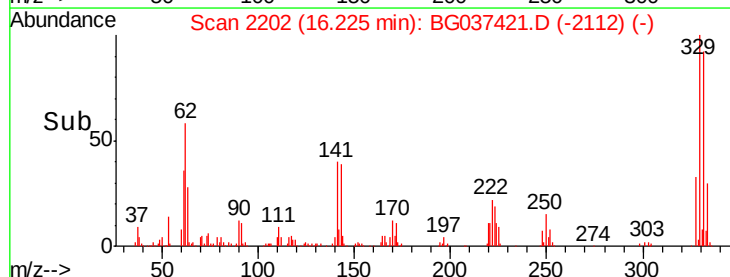
141 39.4 32.2 48.2

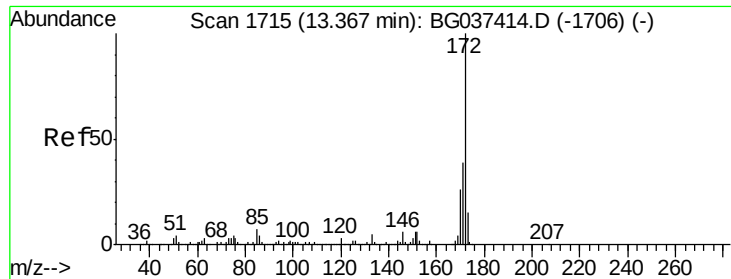


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

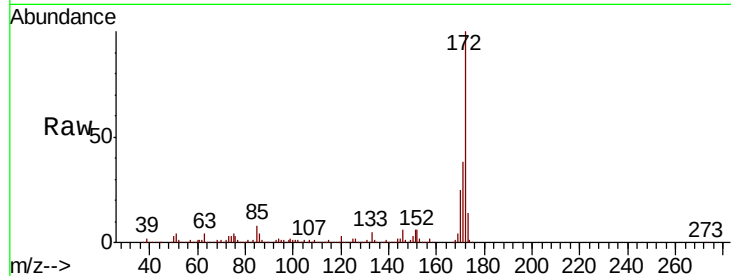




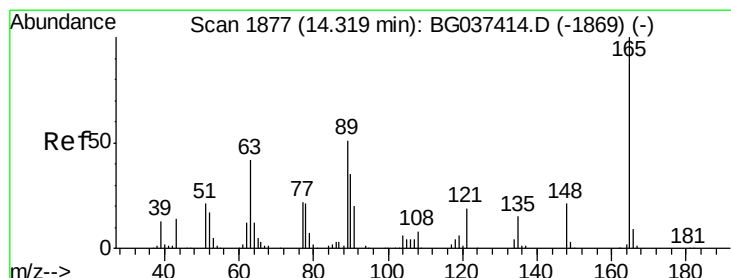
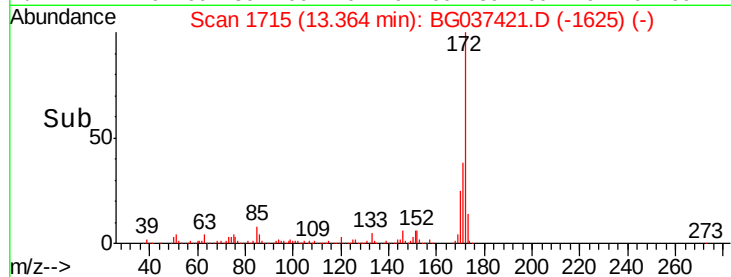
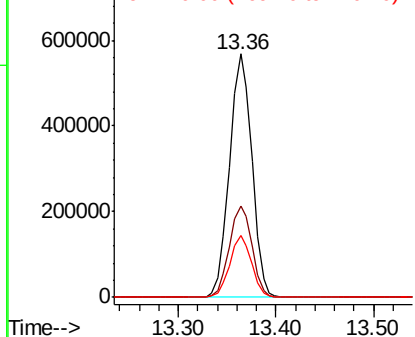
#45
2-Fluorobiphenyl
Concen: 71.783 ng
RT: 13.36 min Scan# 1715
Delta R.T. -0.00 min
Lab File: BG037421.D
Acq: 18 Oct 2018 16:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 904199
Ion Ratio Lower Upper
172 100
171 37.7 31.0 46.4
170 25.4 20.2 30.2

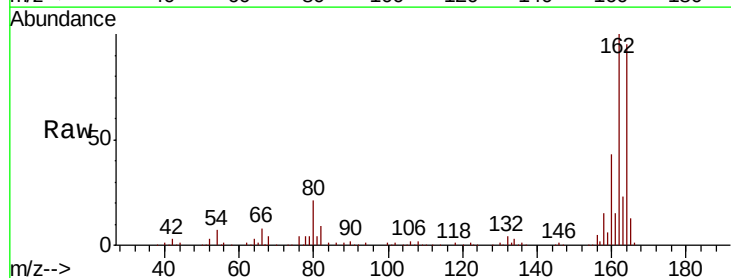


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

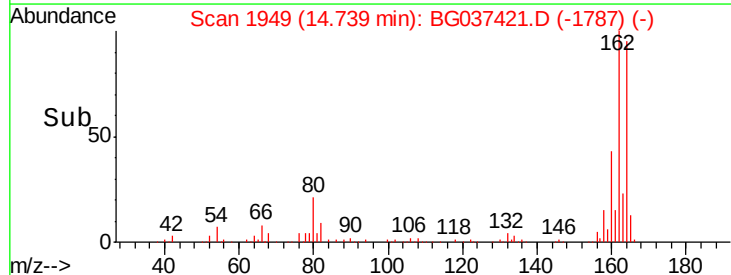
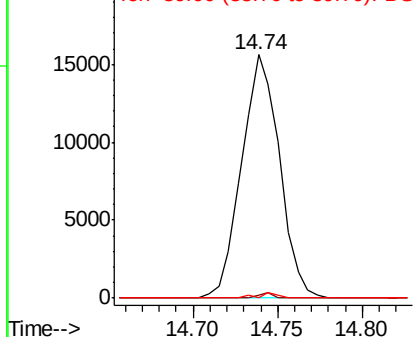


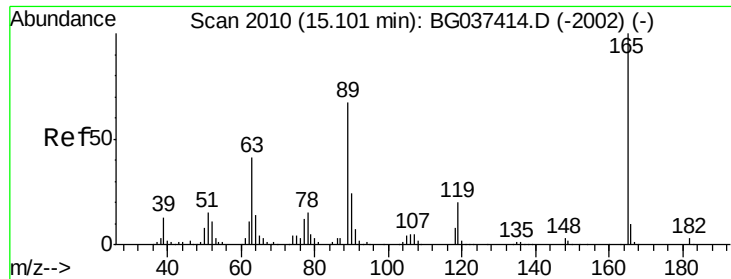
#51
2,6-Dinitrotoluene
Concen: 7.506 ng
RT: 14.74 min Scan# 1949
Delta R.T. 0.42 min
Lab File: BG037421.D
Acq: 18 Oct 2018 16:01

Tgt Ion:165 Resp: 24401
Ion Ratio Lower Upper
165 100
63 1.3 43.4 65.2#
89 0.0 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

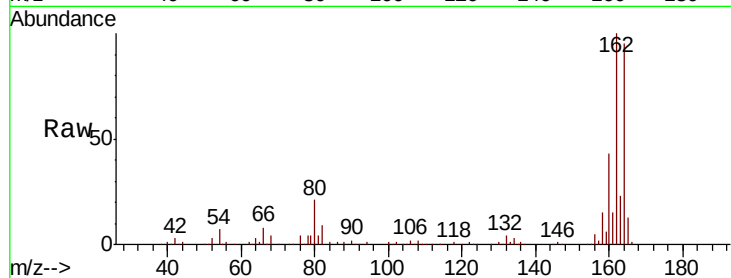




#57
 2,4-Dinitrotoluene
 Concen: 5.718 ng
 RT: 14.74 min Scan# 1949
 Delta R.T. -0.36 min
 Lab File: BG037421.D
 Acq: 18 Oct 2018 16:01

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#



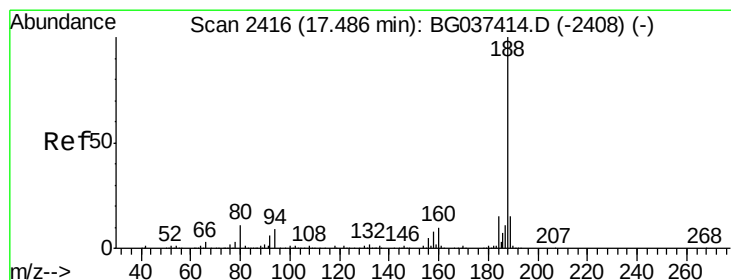
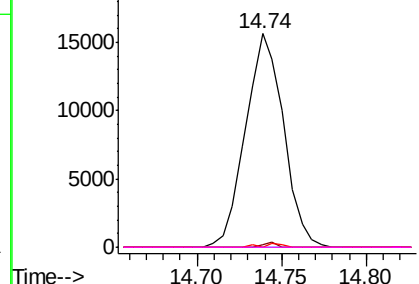
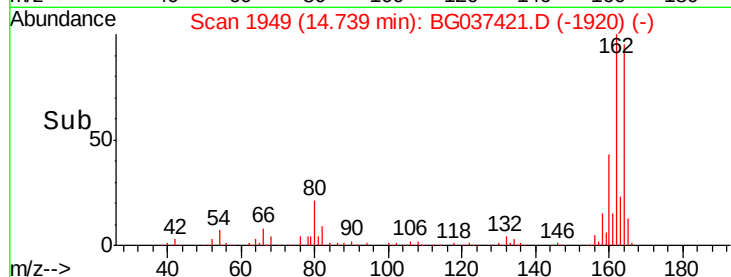
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

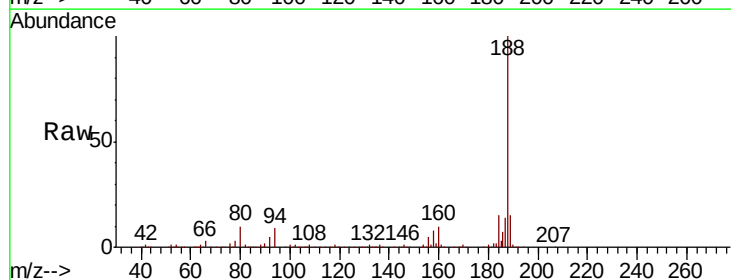
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.49 min Scan# 2417
 Delta R.T. 0.00 min
 Lab File: BG037421.D
 Acq: 18 Oct 2018 16:01

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.2	10.8
80	10.4	7.7	11.5

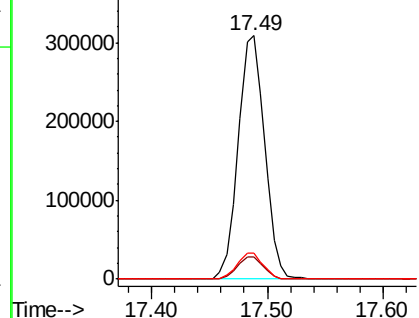
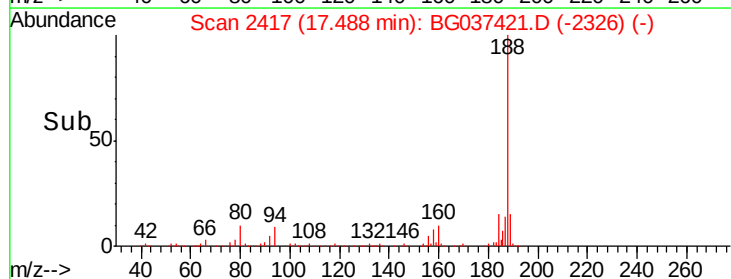


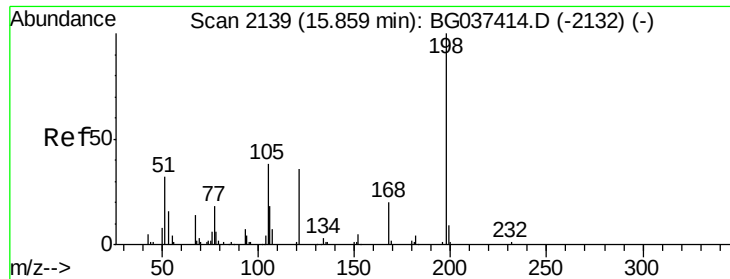
Abundance

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

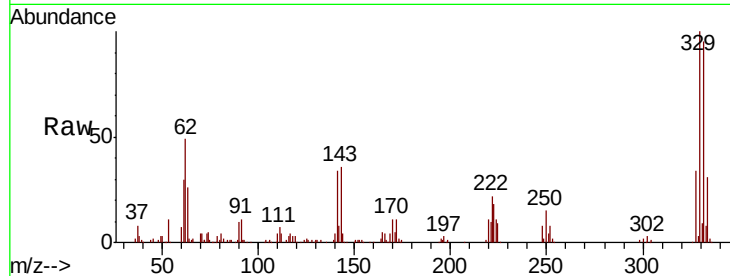




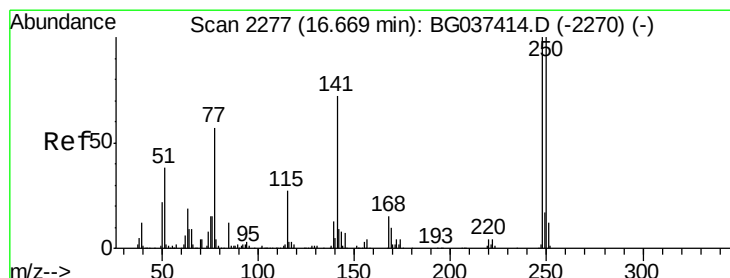
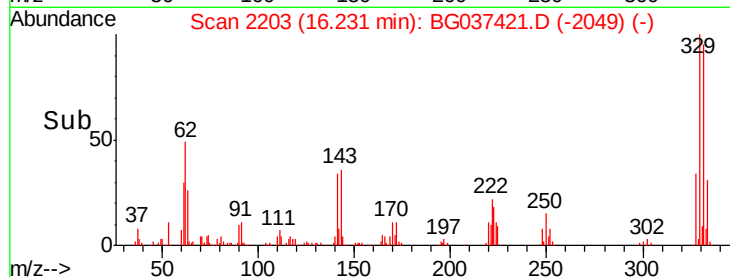
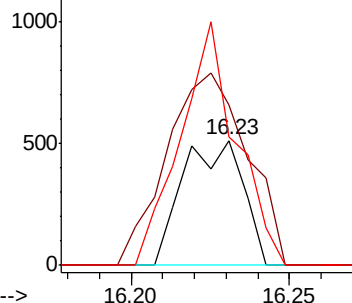
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.722 ng
 RT: 16.23 min Scan# 2203
 Delta R.T. 0.37 min
 Lab File: BG037421.D
 Acq: 18 Oct 2018 16:01

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 672
 Ion Ratio Lower Upper
 198 100
 51 25.7 22.7 62.7
 105 20.7 19.7 59.7

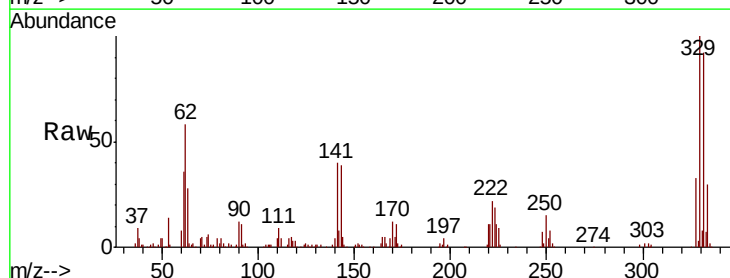


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

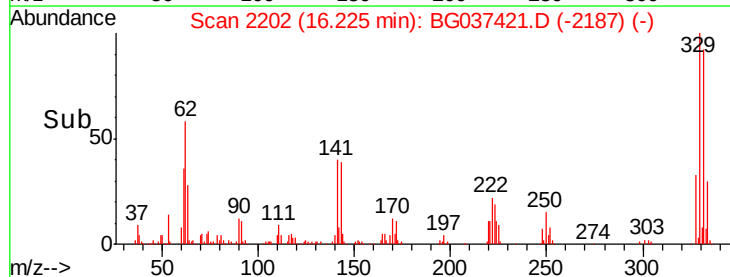
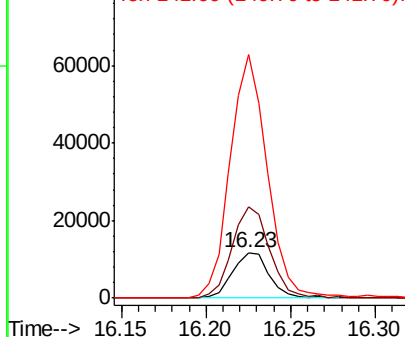


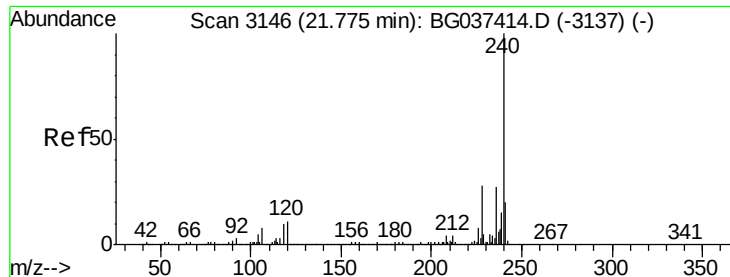
#67
 4-Bromophenyl-phenylether
 Concen: 3.332 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. -0.44 min
 Lab File: BG037421.D
 Acq: 18 Oct 2018 16:01

Tgt Ion:248 Resp: 17940
 Ion Ratio Lower Upper
 248 100
 250 199.9 77.0 115.6#
 141 412.5 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

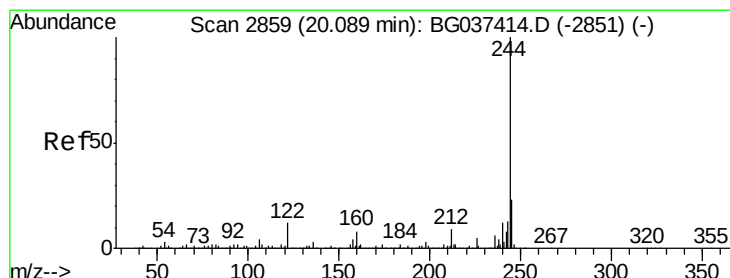
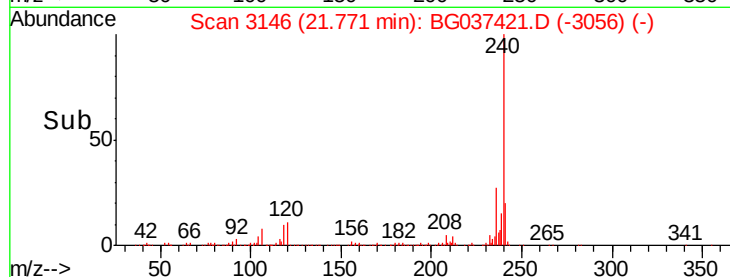
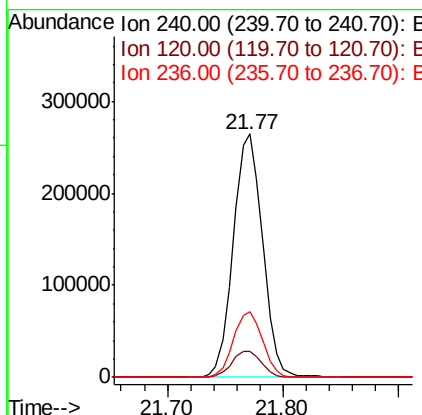
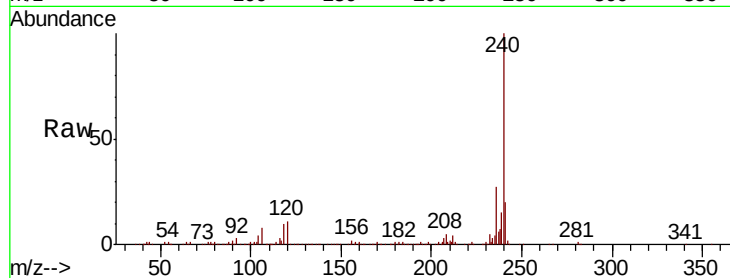




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.77 min Scan# 3146
 Delta R.T. -0.00 min
 Lab File: BG037421.D
 Acq: 18 Oct 2018 16:01

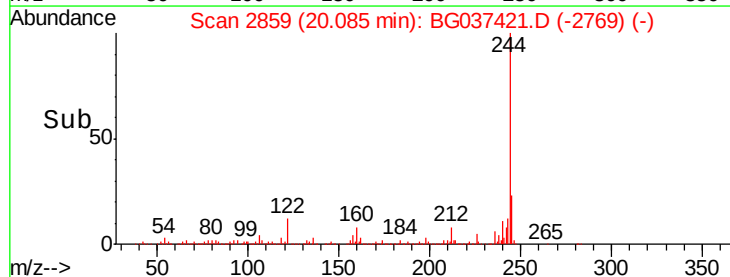
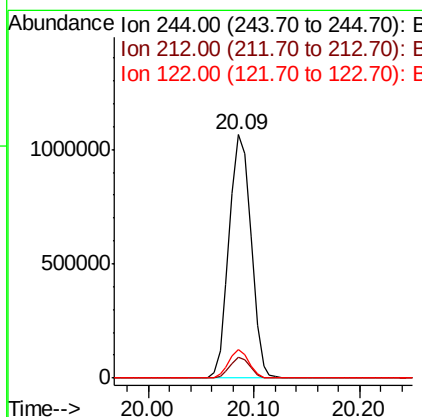
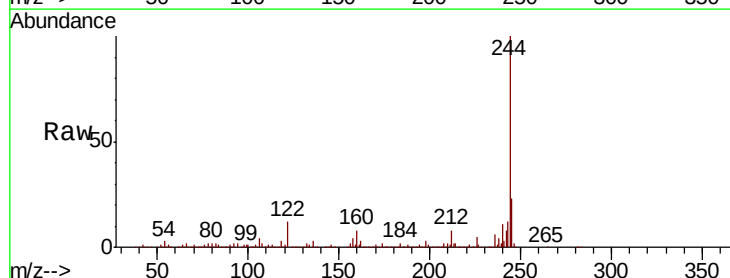
Instrument :
 BNA_G
 ClientSampleId :

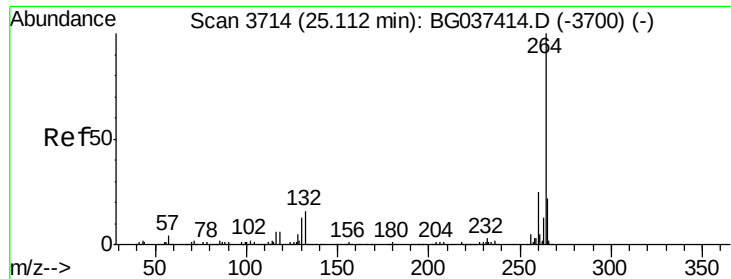
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.1	12.1
236	27.2	21.4	32.0



#79
 Terphenyl-d14
 Concen: 70.432 ng
 RT: 20.09 min Scan# 2859
 Delta R.T. -0.00 min
 Lab File: BG037421.D
 Acq: 18 Oct 2018 16:01

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.5	9.7
122	11.7	9.0	13.4

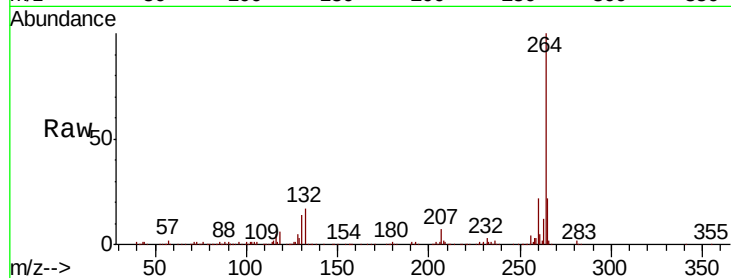




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.11 min Scan# 3714
Delta R.T. -0.00 min
Lab File: BG037421.D
Acq: 18 Oct 2018 16:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.2	27.4
265	21.5	17.9	26.9



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

