

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103118\
 Data File : BG037698.D
 Acq On : 1 Nov 2018 00:10
 Operator : JU/SJ
 Sample : PB114346BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 01 07:04:57 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

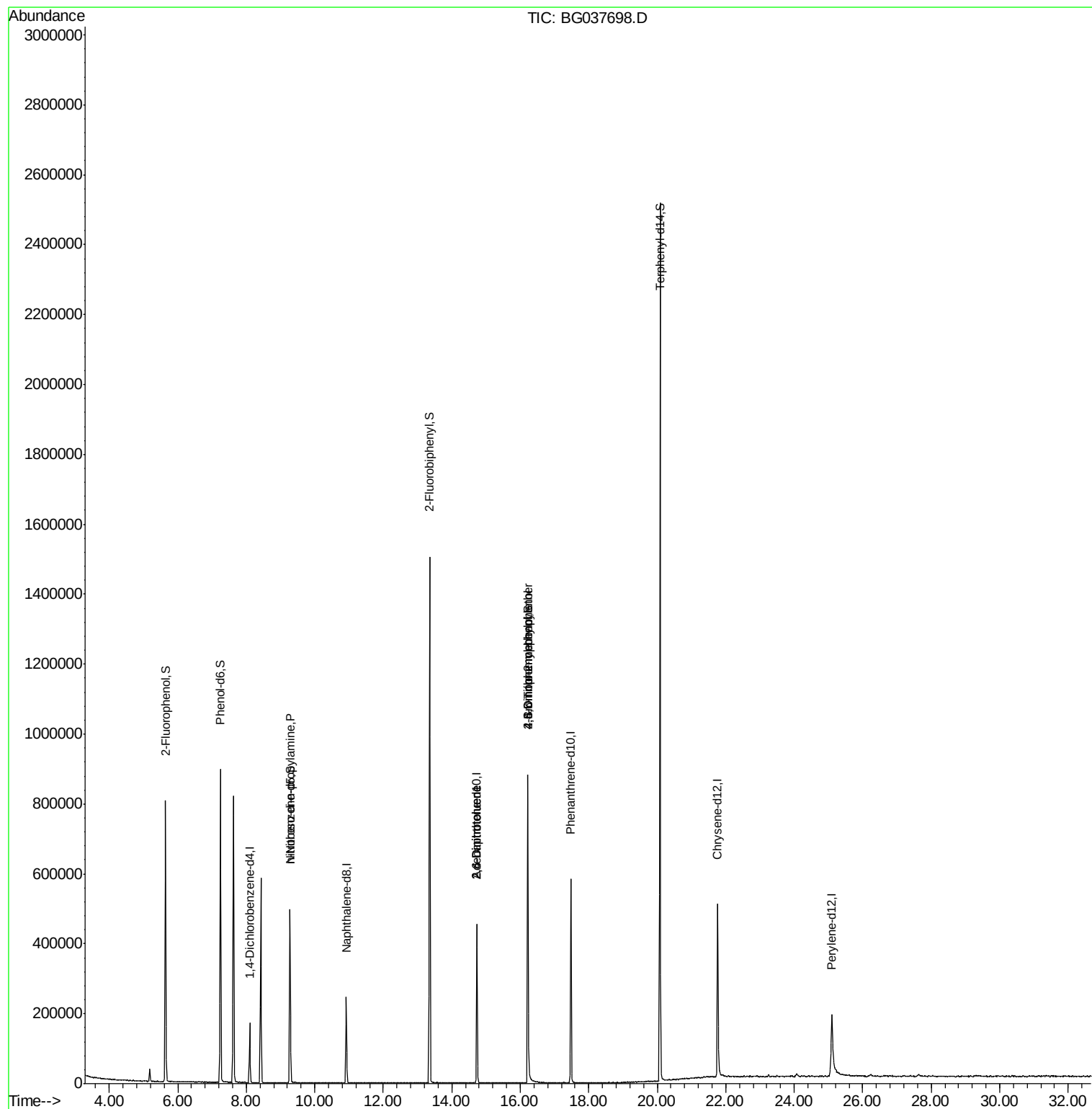
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	50869	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	229338	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	160673	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	386887	20.00	ng	0.00
76) Chrysene-d12	21.76	240	352266	20.00	ng	-0.01
87) Perylene-d12	25.10	264	280482	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	381969	125.54	ng	0.00
7) Phenol-d6	7.24	99	569320	123.74	ng	0.00
23) Nitrobenzene-d5	9.28	82	320696	78.33	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	173553	99.03	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	814623	76.45	ng	-0.01
79) Terphenyl-d14	20.08	244	1277002	77.46	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.28	70	38723	12.222	ng	# 70
51) 2,6-Dinitrotoluene	14.73	165	21086	7.668	ng	# 25
57) 2,4-Dinitrotoluene	14.73	165	21086	5.842	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.21	198	136	8.563	ng	85
67) 4-Bromophenyl-phenylether	16.22	248	12603	2.966	ng	# 1

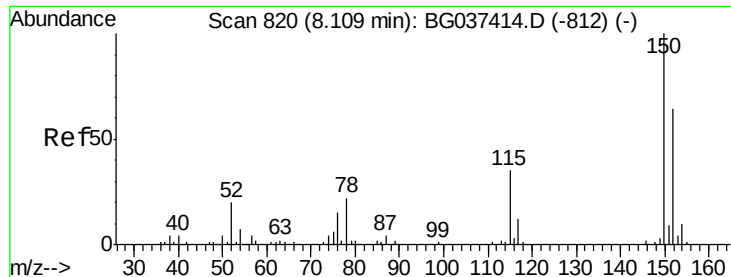
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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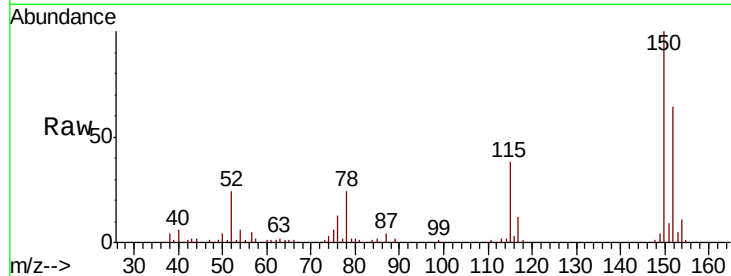


#1

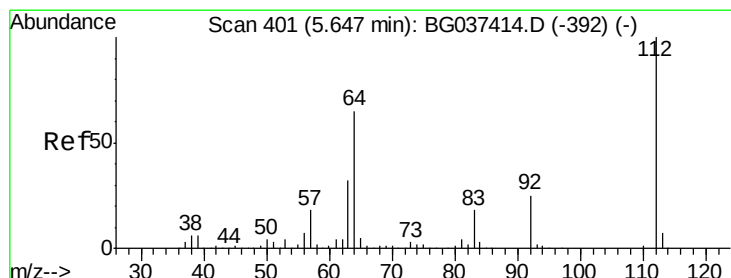
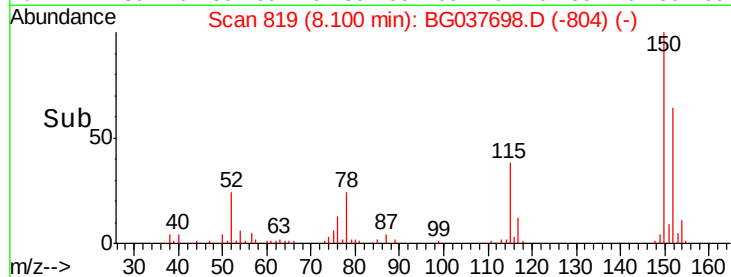
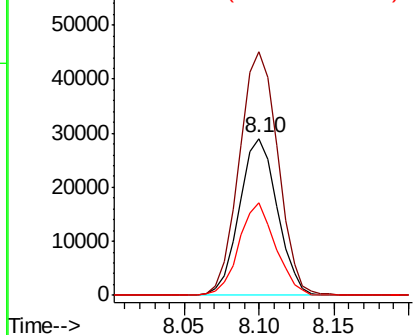
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037698.D
Acq: 1 Nov 2018 00:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 50869
Ion Ratio Lower Upper
152 100
150 155.5 126.0 189.0
115 59.2 45.5 68.3



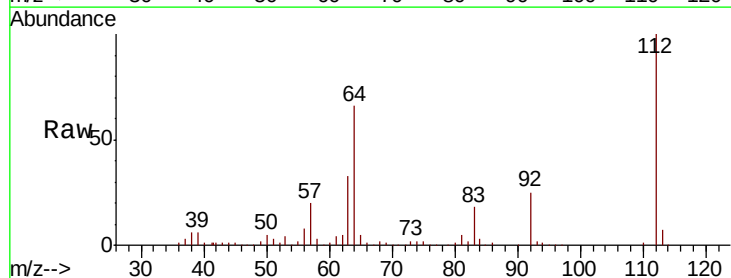
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



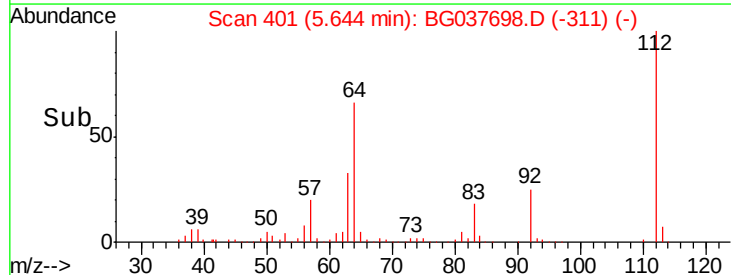
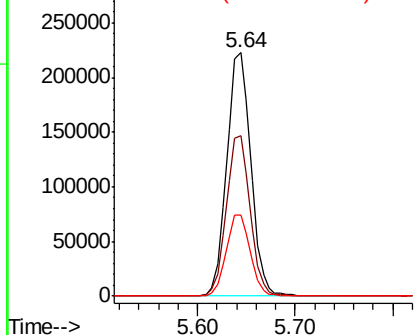
#5

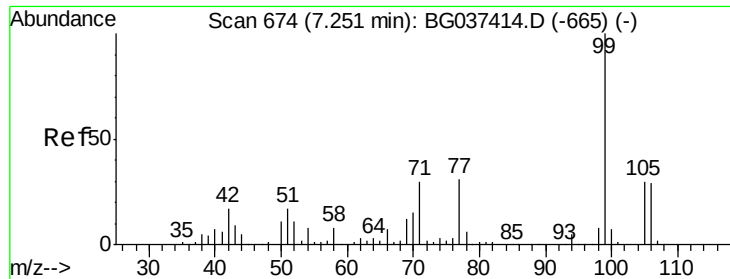
2-Fluorophenol
Concen: 125.537 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037698.D
Acq: 1 Nov 2018 00:10

Tgt Ion:112 Resp: 381969
Ion Ratio Lower Upper
112 100
64 65.9 53.1 79.7
63 33.4 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: 123.741 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037698.D

Acq: 1 Nov 2018 00:10

Instrument :

BNA_G

ClientSampleId :

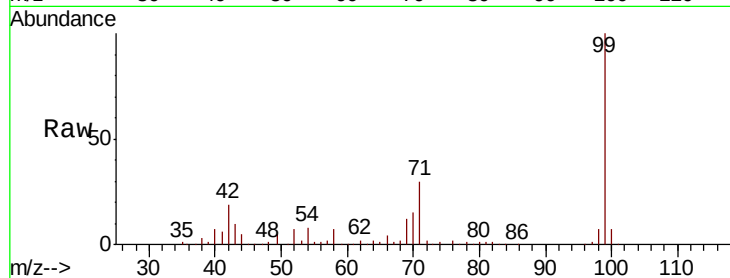
Tot Ion: 99 Resp: 569320

Ion Ratio Lower Upper

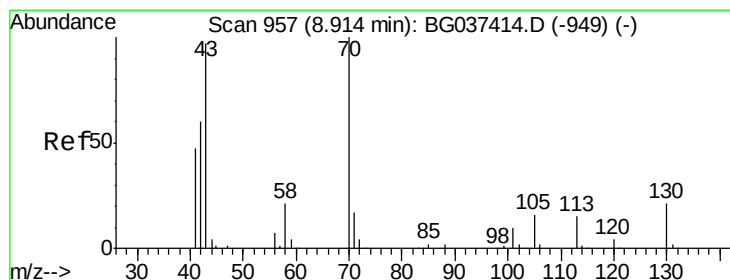
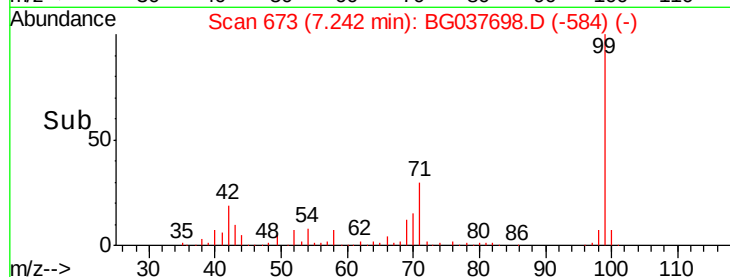
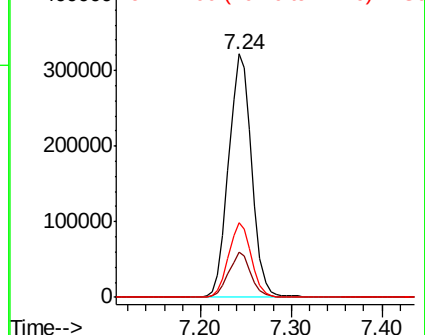
99 100

42 18.8 15.0 22.4

71 30.4 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: 12.222 ng

RT: 9.28 min Scan# 1019

Delta R.T. 0.36 min

Lab File: BG037698.D

Acq: 1 Nov 2018 00:10

Tgt Ion: 70 Resp: 38723

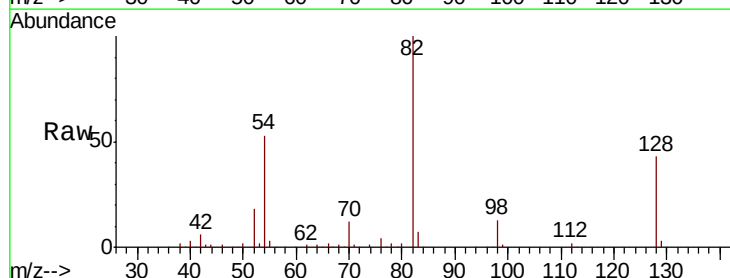
Ion Ratio Lower Upper

70 100

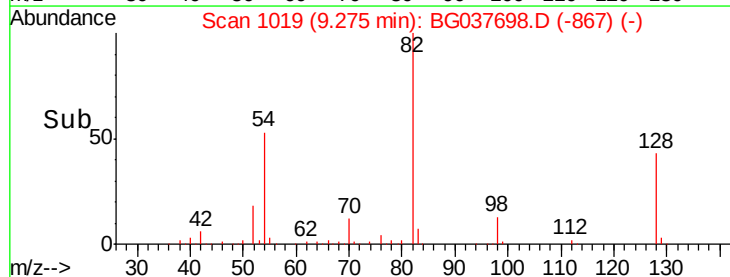
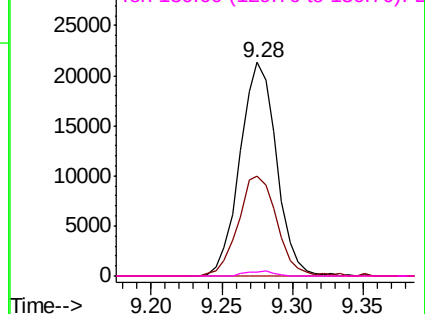
42 46.8 53.9 80.9#

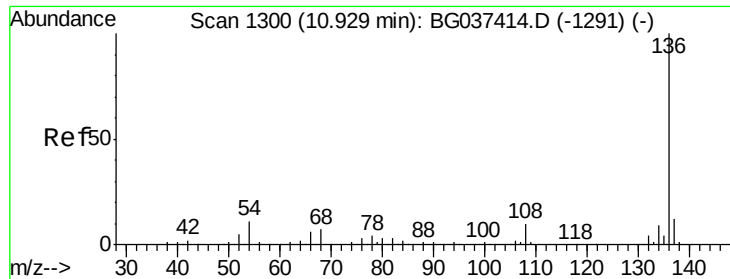
101 0.0 8.2 12.2#

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

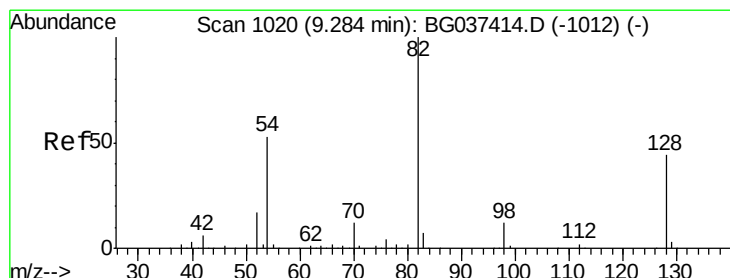
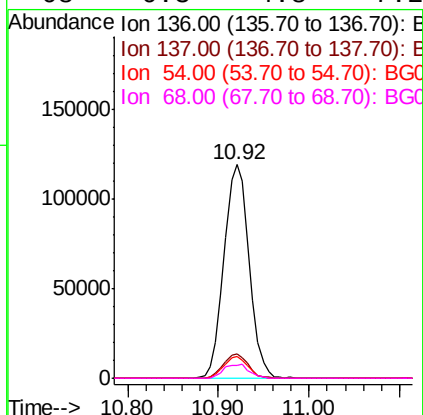
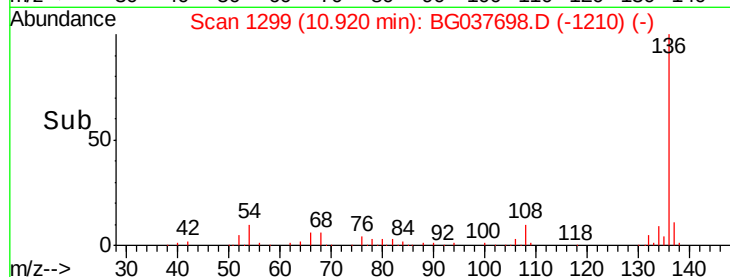
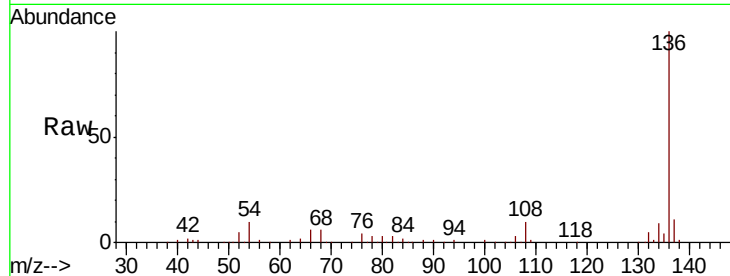




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037698.D
Acq: 1 Nov 2018 00:10

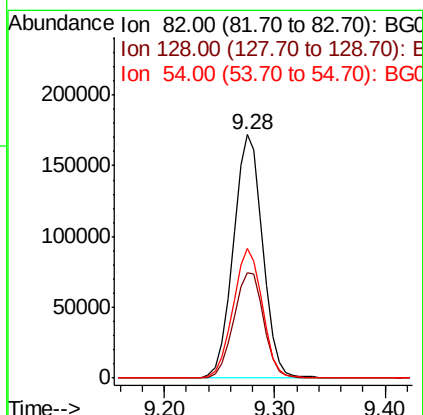
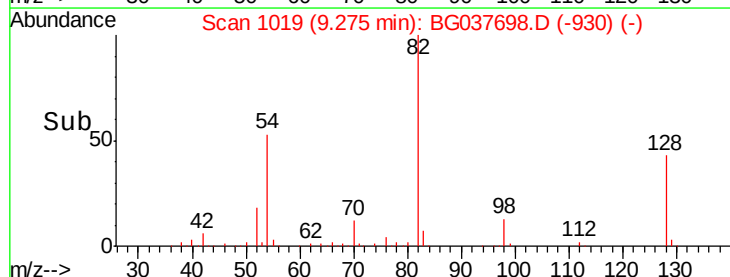
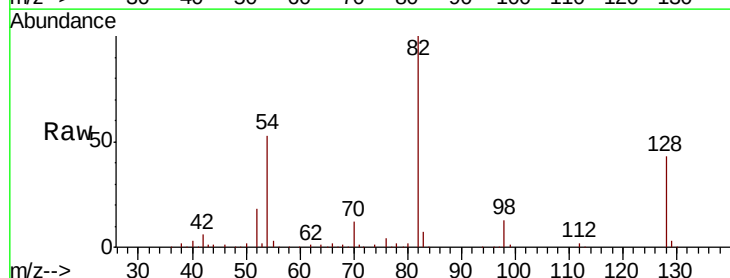
Instrument :
BNA_G
ClientSampleId :

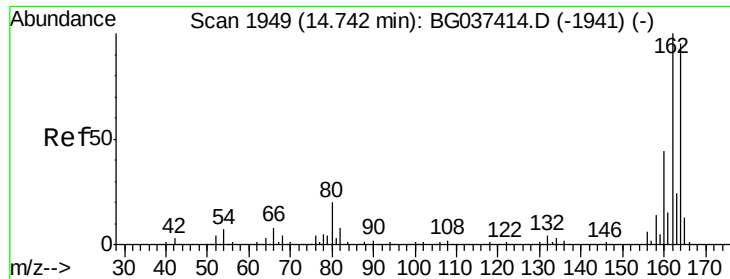
Tot Ion:136	Resp:	229338	
Ion Ratio	Lower	Upper	
136 100			
137 11.5	9.6	14.4	
54 10.2	7.9	11.9	
68 6.3	4.8	7.2	



#23
Nitrobenzene-d5
Concen: 78.334 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037698.D
Acq: 1 Nov 2018 00:10

Tgt	Ion: 82	Resp:	320696
Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.6	51.8
54	53.2	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: BG037698.D

Acq: 1 Nov 2018 00:10

Instrument :

BNA_G

ClientSampled :

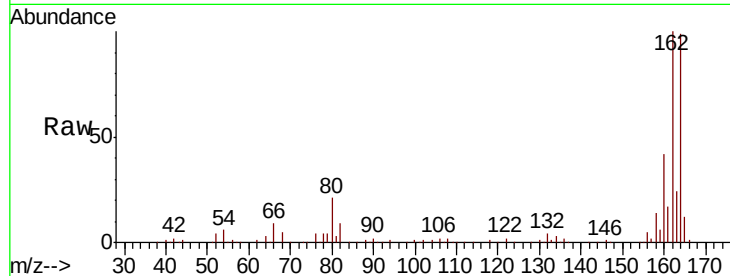
Tot Ion:164 Resp: 160673

Ion Ratio Lower Upper

164 100

162 101.4 81.3 121.9

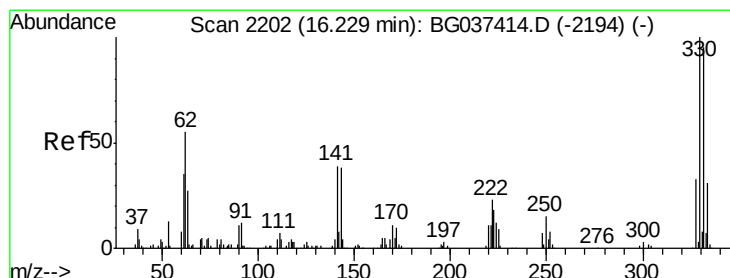
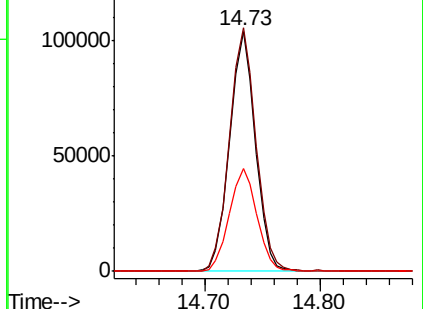
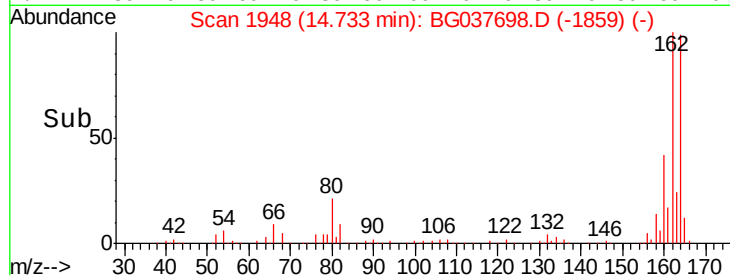
160 42.9 36.3 54.5



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: 99.035 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037698.D

Acq: 1 Nov 2018 00:10

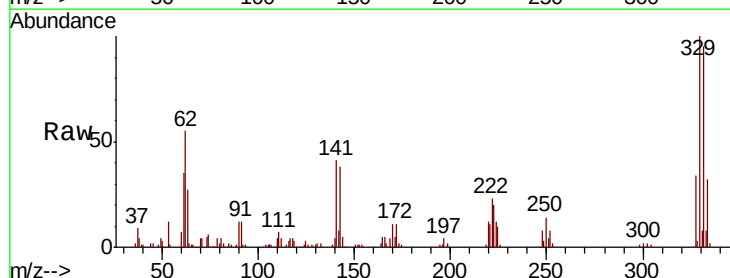
Tgt Ion:330 Resp: 173553

Ion Ratio Lower Upper

330 100

332 96.4 78.4 117.6

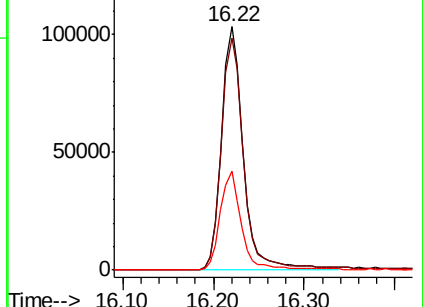
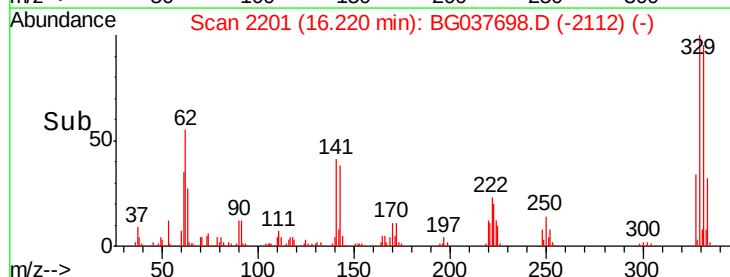
141 38.6 32.2 48.2

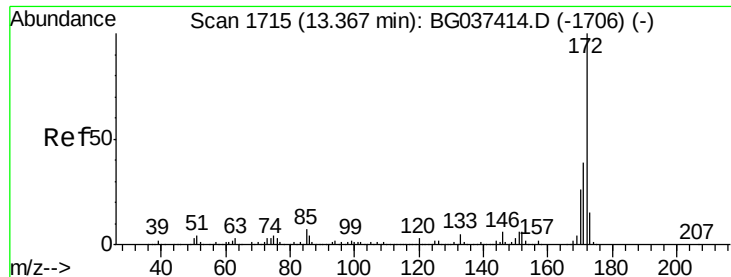


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

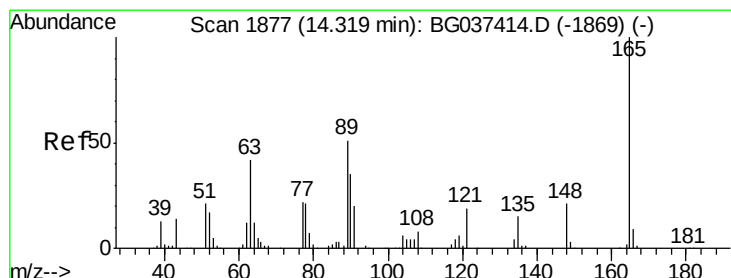
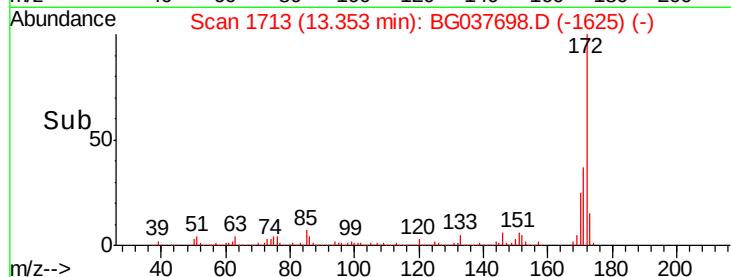
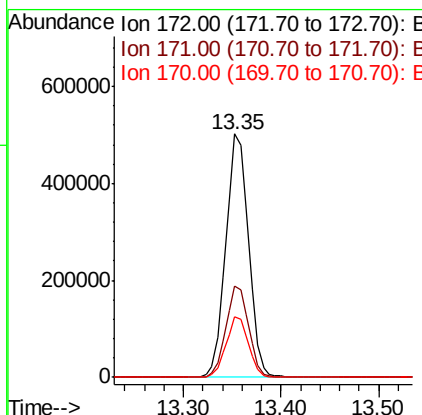
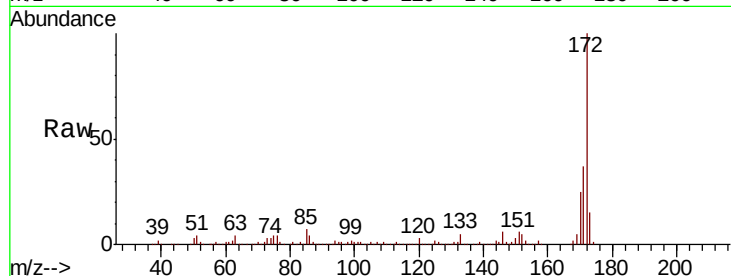




#45
2-Fluorobiphenyl
Concen: 76.454 ng
RT: 13.35 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG037698.D
Acq: 1 Nov 2018 00:10

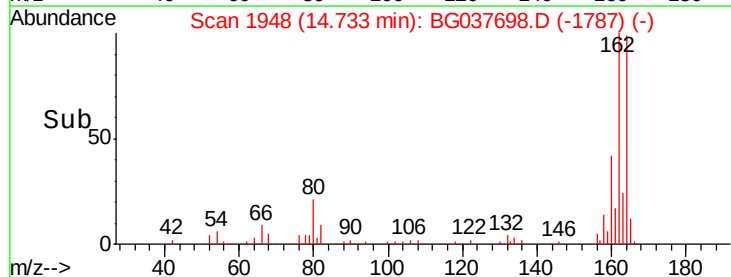
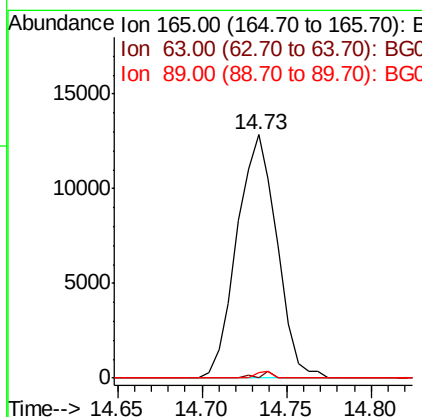
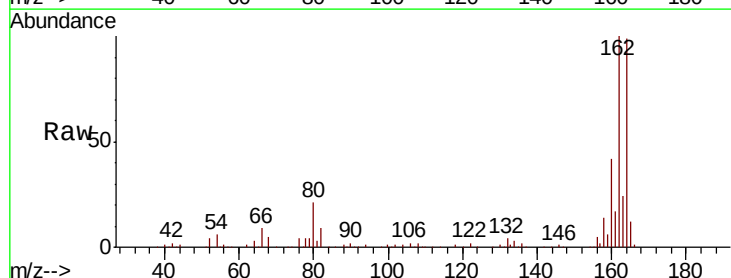
Instrument :
BNA_G
ClientSampleId :

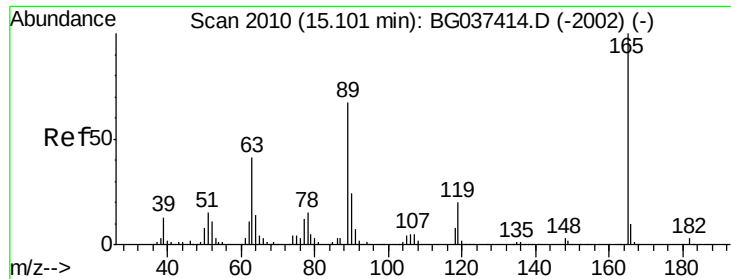
Tot Ion:172 Resp: 814623
Ion Ratio Lower Upper
172 100
171 37.5 31.0 46.4
170 24.8 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 7.668 ng
RT: 14.73 min Scan# 1948
Delta R.T. 0.41 min
Lab File: BG037698.D
Acq: 1 Nov 2018 00:10

Tgt Ion:165 Resp: 21086
Ion Ratio Lower Upper
165 100
63 0.0 43.4 65.2#
89 2.5 45.8 68.6#

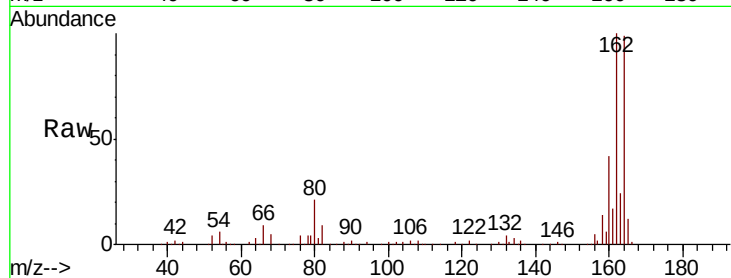




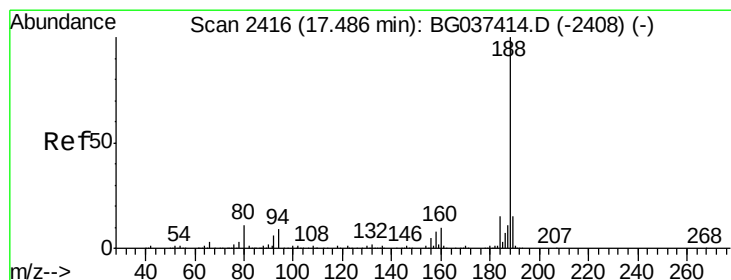
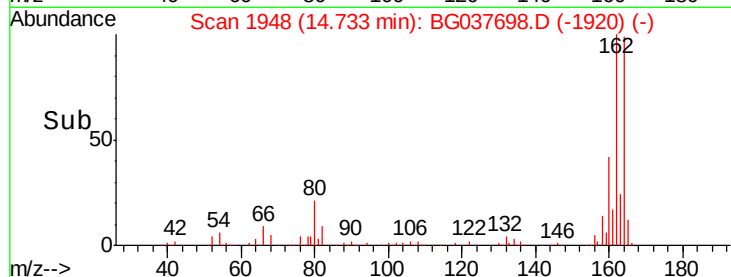
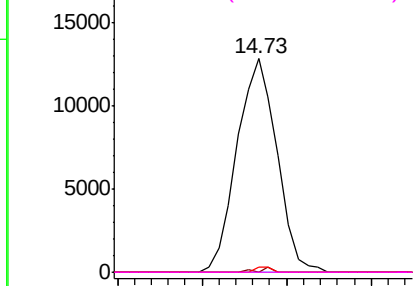
#57
 2,4-Dinitrotoluene
 Concen: 5.842 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.37 min
 Lab File: BG037698.D
 Acq: 1 Nov 2018 00:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165	Resp:	21086
Ion Ratio	Lower	Upper
165	100	
63	0.0	33.4 50.0#
89	2.5	57.2 85.8#
182	0.0	2.6 4.0#

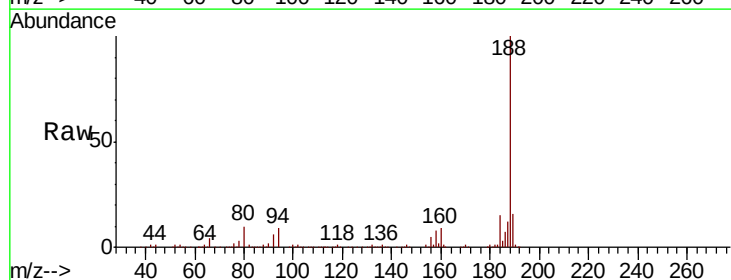


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

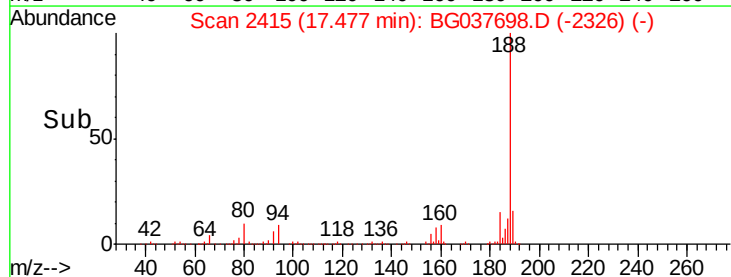
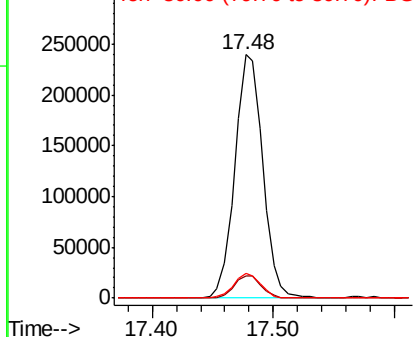


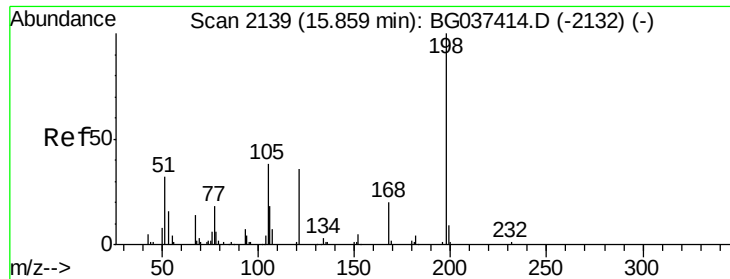
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BG037698.D
 Acq: 1 Nov 2018 00:10

Tgt Ion:188	Resp:	386887
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

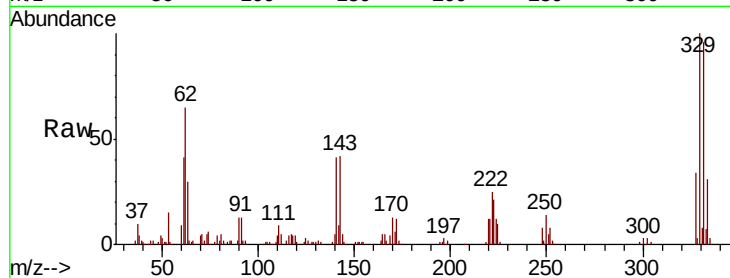




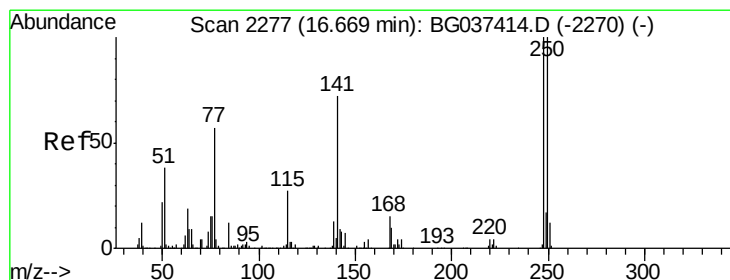
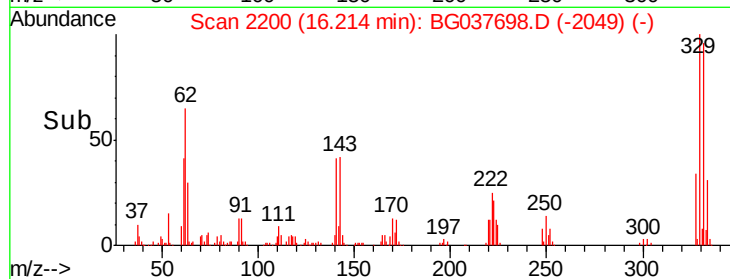
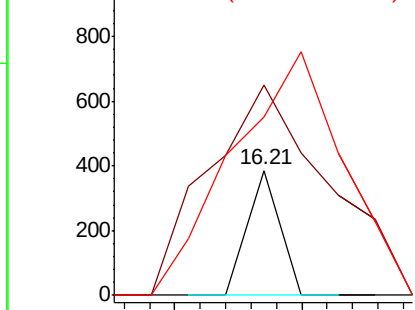
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.563 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. 0.36 min
 Lab File: BG037698.D
 Acq: 1 Nov 2018 00:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 136
 Ion Ratio Lower Upper
 198 100
 51 34.4 22.7 62.7
 105 29.2 19.7 59.7

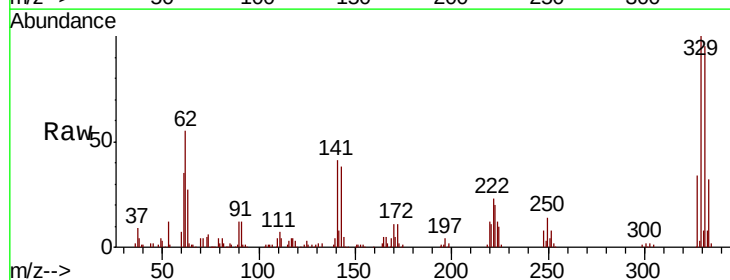


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

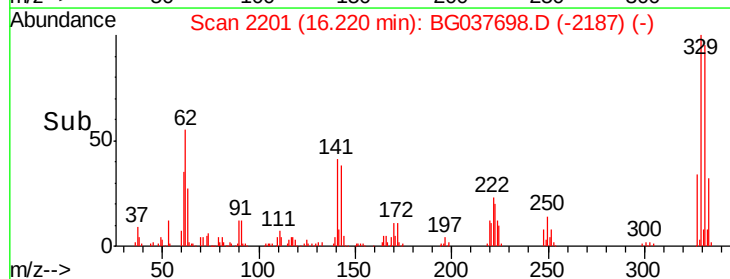
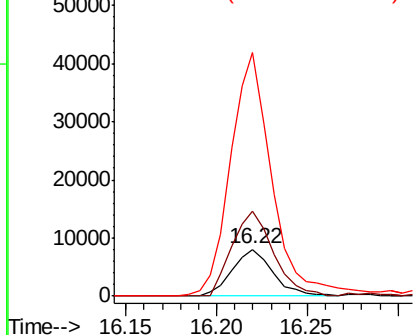


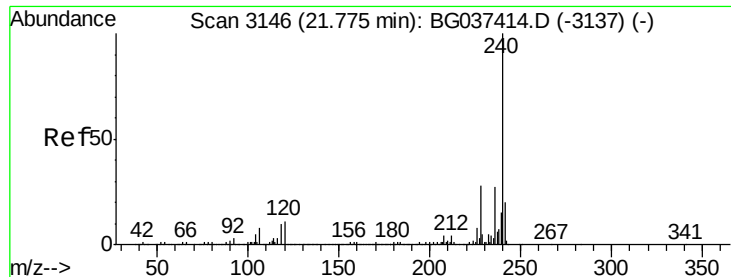
#67
 4-Bromophenyl-phenylether
 Concen: 2.966 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037698.D
 Acq: 1 Nov 2018 00:10

Tgt Ion:248 Resp: 12603
 Ion Ratio Lower Upper
 248 100
 250 178.5 77.0 115.6#
 141 392.1 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

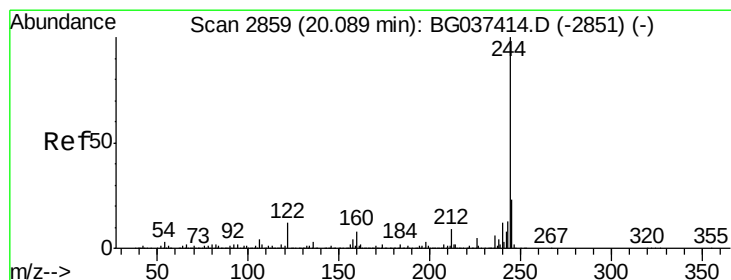
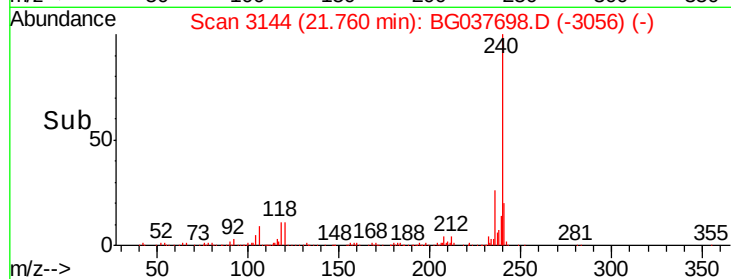
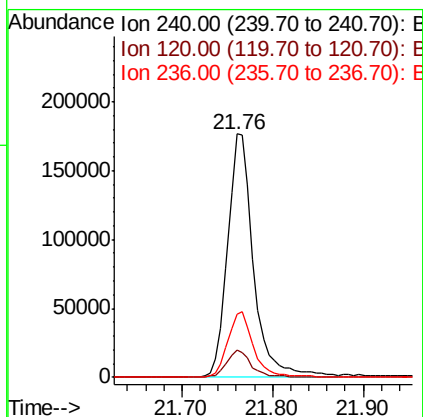
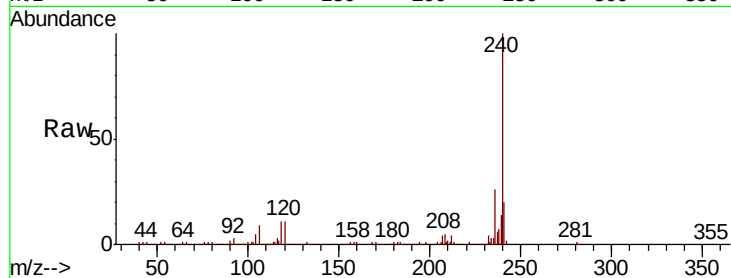




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG037698.D
Acq: 1 Nov 2018 00:10

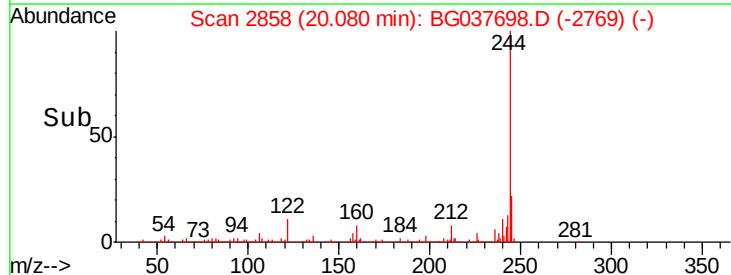
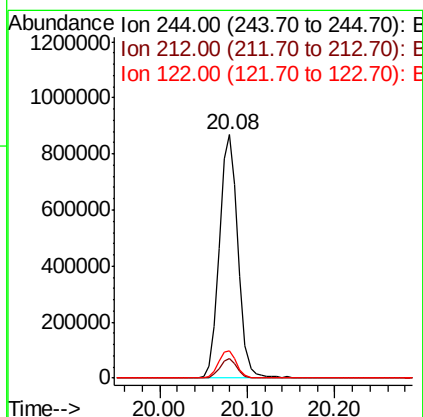
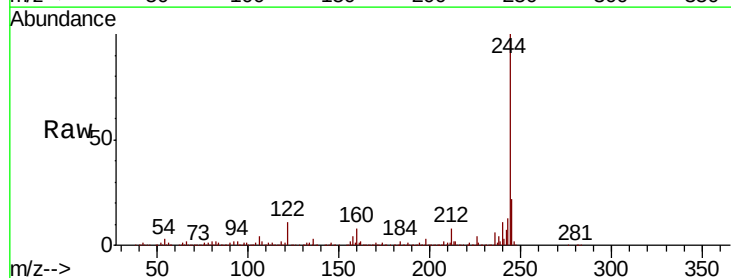
Instrument :
BNA_G
ClientSampleId :

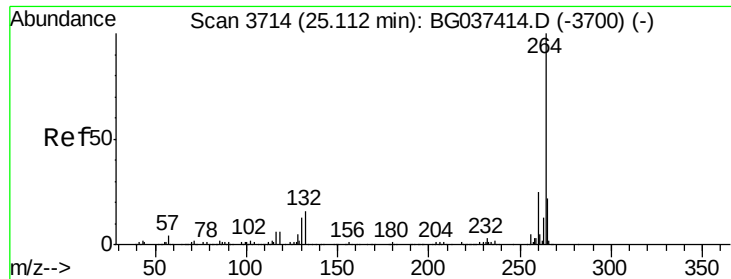
Tot Ion:240 Resp: 352266
Ion Ratio Lower Upper
240 100
120 11.2 8.1 12.1
236 26.0 21.4 32.0



#79
Terphenyl-d14
Concen: 77.460 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG037698.D
Acq: 1 Nov 2018 00:10

Tgt Ion:244 Resp: 1277002
Ion Ratio Lower Upper
244 100
212 8.1 6.5 9.7
122 11.3 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: BG037698.D
Acq: 1 Nov 2018 00:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.4
265	23.9	17.9	26.9

