

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110618\
 Data File : BG037854.D
 Acq On : 7 Nov 2018 1:14
 Operator : JU/SJ
 Sample : J5819-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 07 08:22:31 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

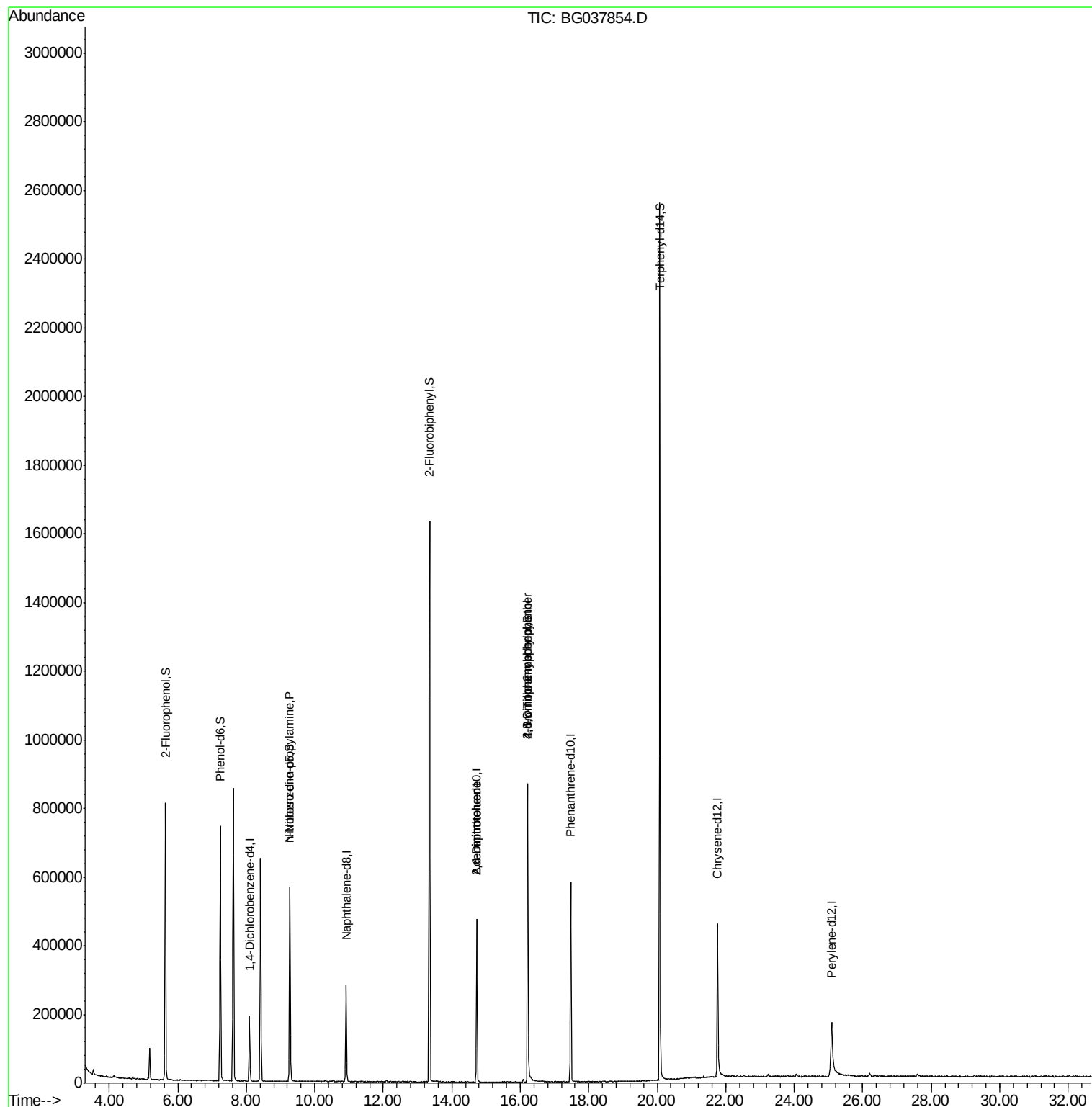
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	57581	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	258298	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	170283	20.00	ng	-0.02
64) Phenanthrene-d10	17.48	188	377364	20.00	ng	0.00
76) Chrysene-d12	21.76	240	330697	20.00	ng	-0.02
87) Perylene-d12	25.09	264	255042	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	374352	108.69	ng	0.00
7) Phenol-d6	7.24	99	488321	93.76	ng	0.00
23) Nitrobenzene-d5	9.27	82	370292	80.31	ng	-0.02
42) 2,4,6-Tribromophenol	16.21	330	176042	94.79	ng	-0.02
45) 2-Fluorobiphenyl	13.35	172	894401	79.20	ng	-0.02
79) Terphenyl-d14	20.07	244	1286136	83.10	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.27	70	47108	13.14	ng	# 72
51) 2,6-Dinitrotoluene	14.73	165	21939	7.53	ng	# 24
57) 2,4-Dinitrotoluene	14.73	165	21939	5.74	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.22	198	263	8.62	ng	# 68
67) 4-Bromophenyl-phenylether	16.22	248	12055	2.91	ng	# 1

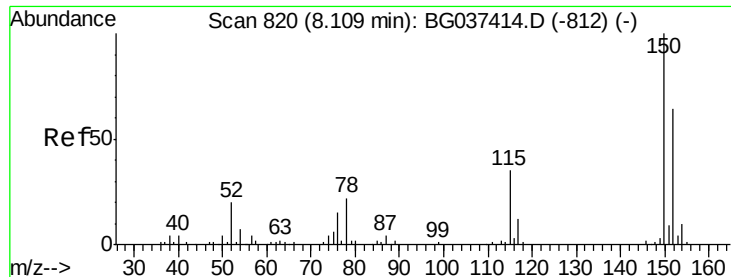
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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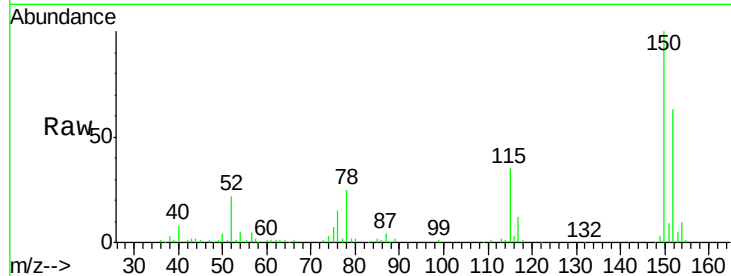


#1

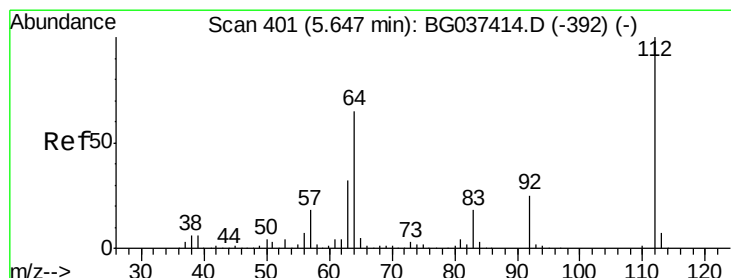
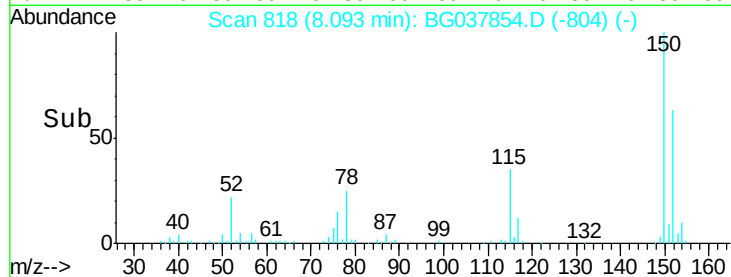
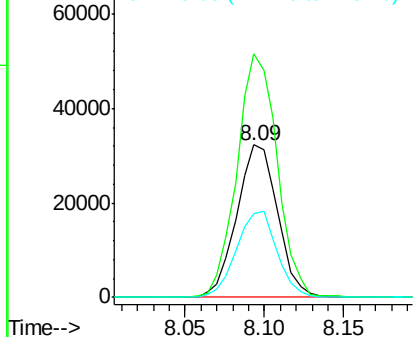
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.02 min
Lab File: BG037854.D
Acq: 7 Nov 2018 1:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 57581
Ion Ratio Lower Upper
152 100
150 159.7 126.0 189.0
115 55.1 45.5 68.3



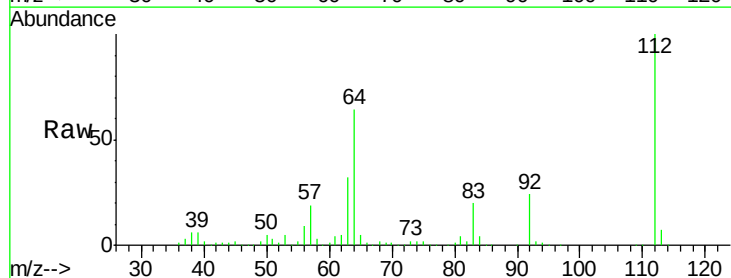
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



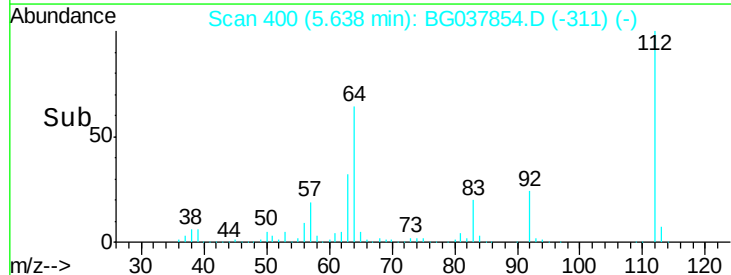
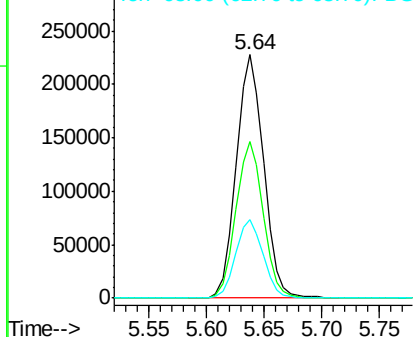
#5

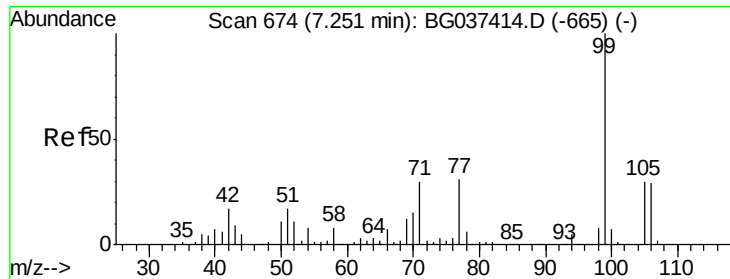
2-Fluorophenol
Concen: 108.69 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037854.D
Acq: 7 Nov 2018 1:14

Tgt Ion:112 Resp: 374352
Ion Ratio Lower Upper
112 100
64 64.5 53.1 79.7
63 32.0 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: 93.76 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037854.D

Acq: 7 Nov 2018 1:14

Instrument :

BNA_G

ClientSampleId :

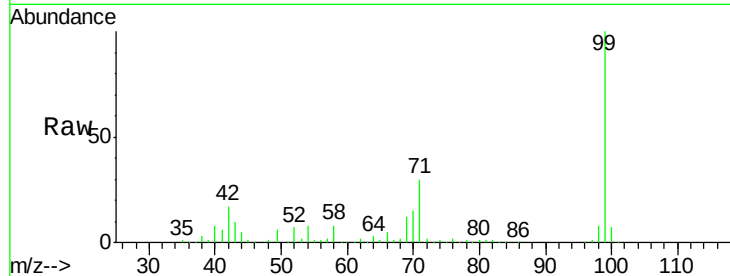
Tot Ion: 99 Resp: 488321

Ion Ratio Lower Upper

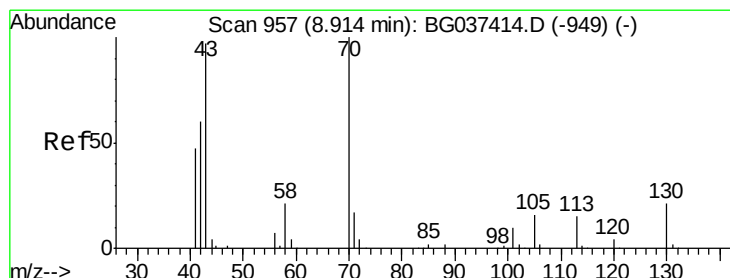
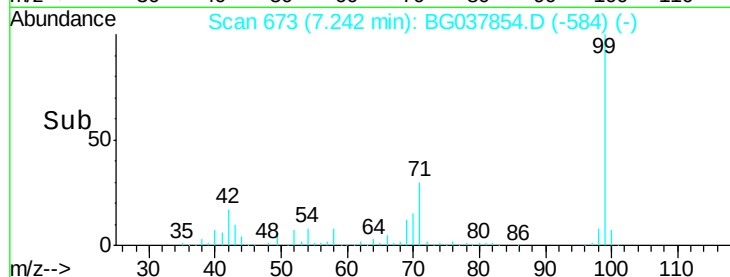
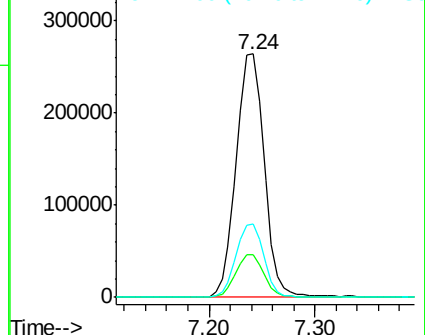
99 100

42 17.5 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: 13.14 ng

RT: 9.27 min Scan# 1019

Delta R.T. 0.36 min

Lab File: BG037854.D

Acq: 7 Nov 2018 1:14

Tgt Ion: 70 Resp: 47108

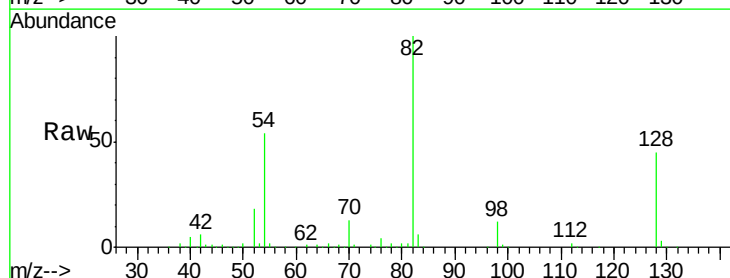
Ion Ratio Lower Upper

70 100

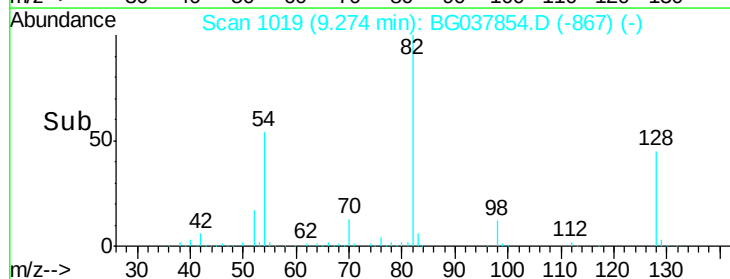
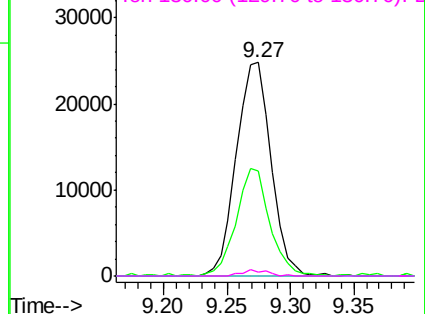
42 49.2 53.9 80.9#

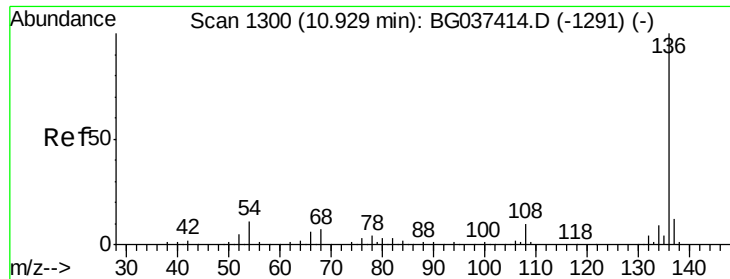
101 0.0 8.2 12.2#

130 2.0 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

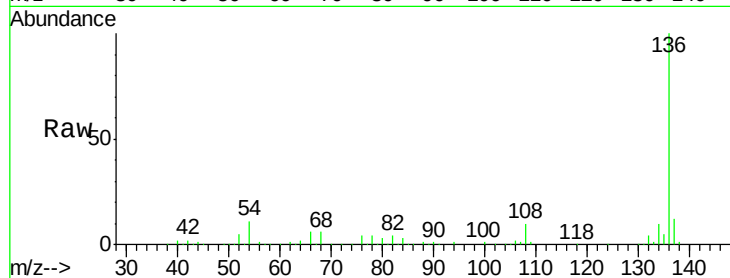




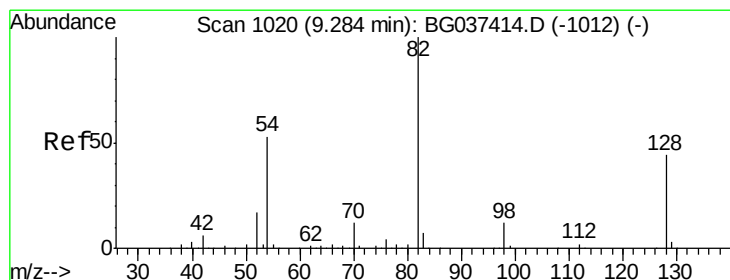
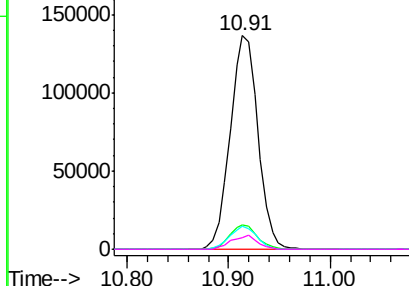
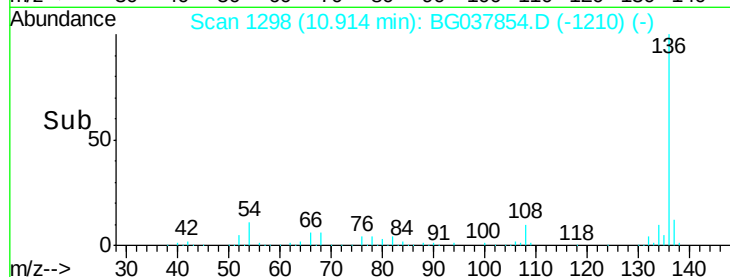
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BG037854.D
Acq: 7 Nov 2018 1:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	258298
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.6	14.4
54	10.5	7.9	11.9
68	5.7	4.8	7.2

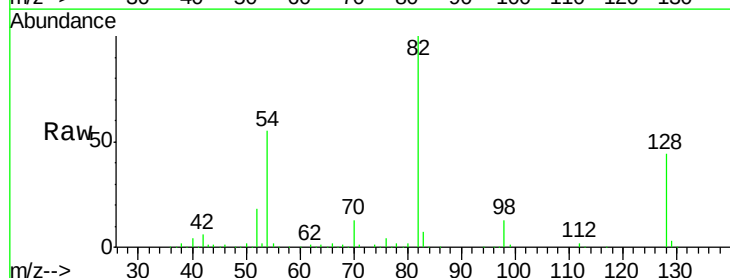


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

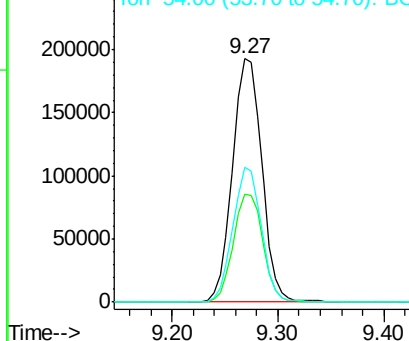
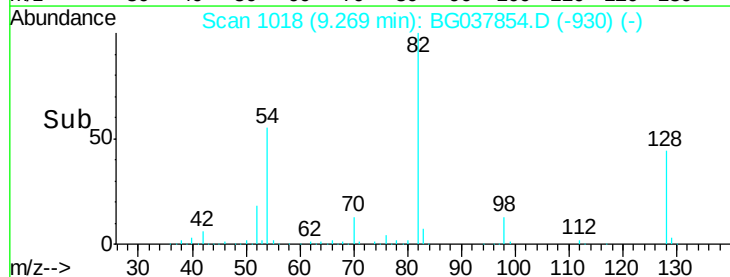


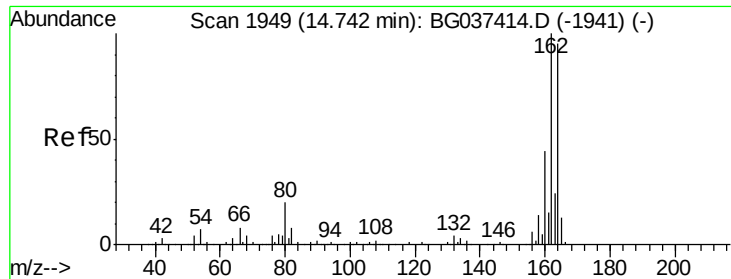
#23
Nitrobenzene-d5
Concen: 80.31 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.02 min
Lab File: BG037854.D
Acq: 7 Nov 2018 1:14

Tgt Ion:	82	Resp:	370292
Ion	Ratio	Lower	Upper
82	100		
128	44.3	34.6	51.8
54	55.3	45.3	67.9



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.02 min

Lab File: BG037854.D

Acq: 7 Nov 2018 1:14

Instrument :

BNA_G

ClientSampleId :

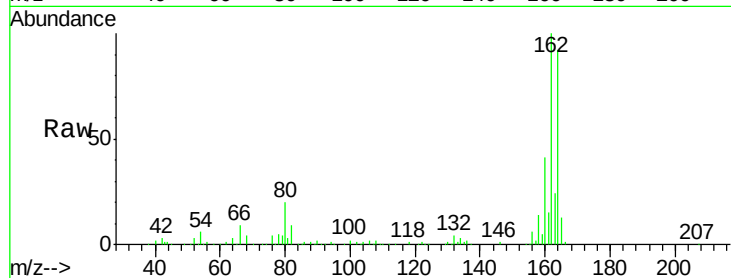
Tot Ion:164 Resp: 170283

Ion Ratio Lower Upper

164 100

162 108.6 81.3 121.9

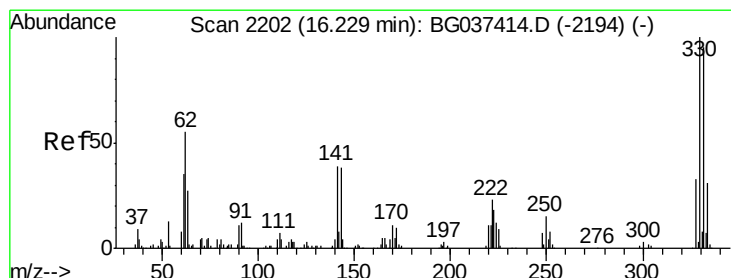
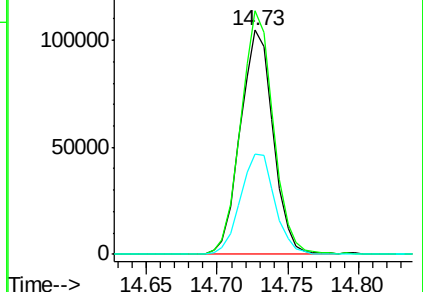
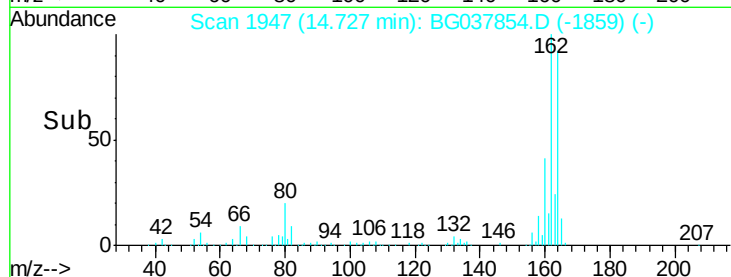
160 44.6 36.3 54.5



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: 94.79 ng

RT: 16.21 min Scan# 2200

Delta R.T. -0.02 min

Lab File: BG037854.D

Acq: 7 Nov 2018 1:14

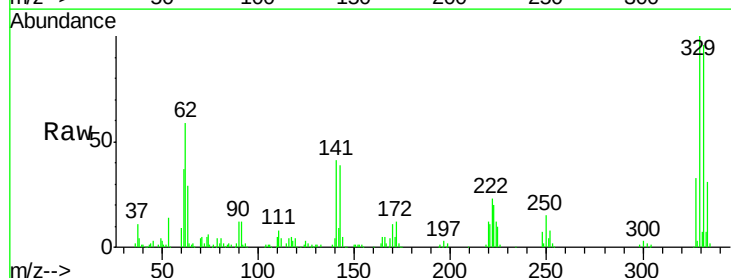
Tgt Ion:330 Resp: 176042

Ion Ratio Lower Upper

330 100

332 95.4 78.4 117.6

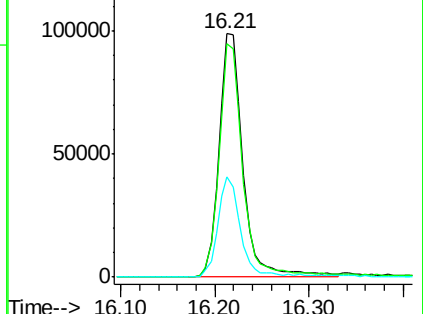
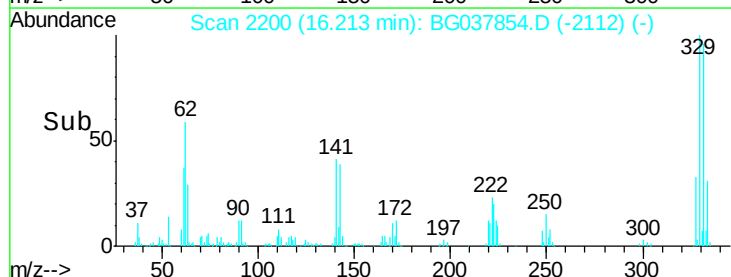
141 39.8 32.2 48.2

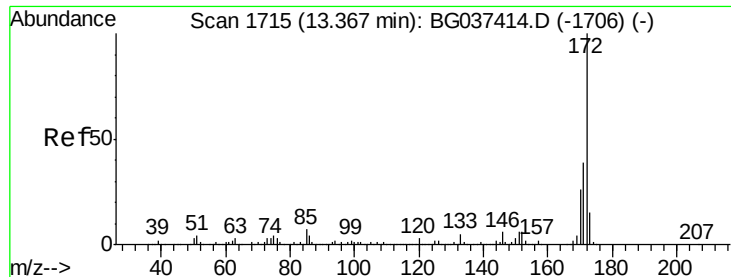


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

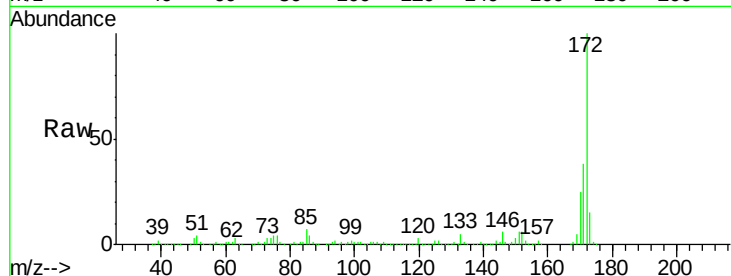




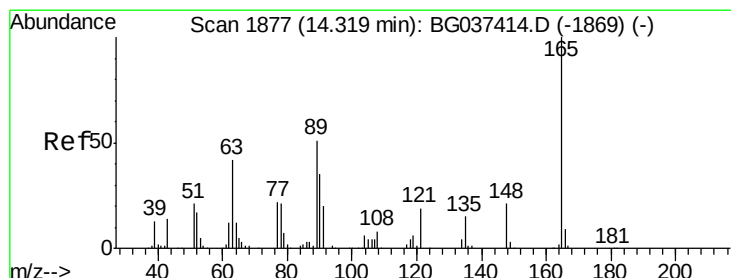
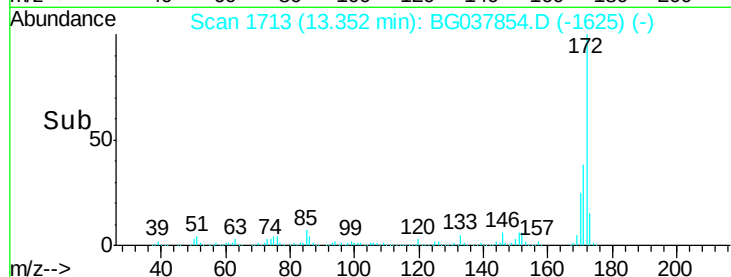
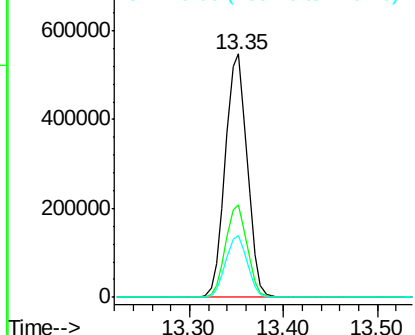
#45
2-Fluorobiphenyl
Concen: 79.20 ng
RT: 13.35 min Scan# 1713
Delta R.T. -0.02 min
Lab File: BG037854.D
Acq: 7 Nov 2018 1:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.0	46.4
170	25.2	20.2	30.2

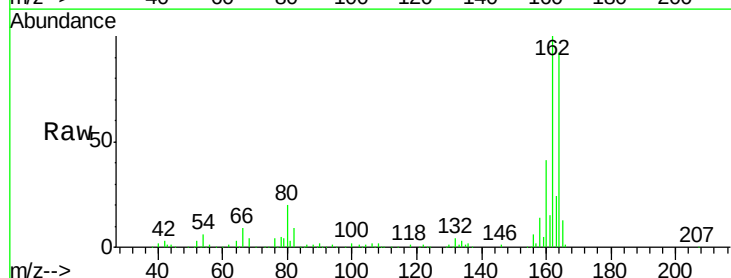


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

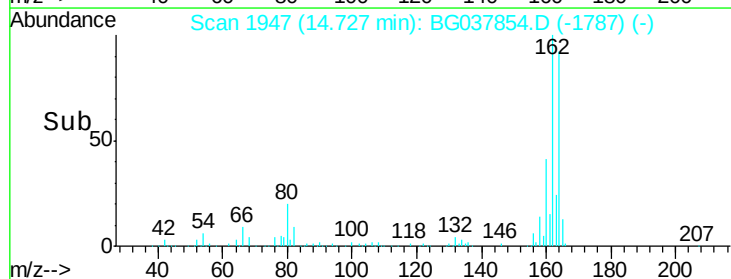
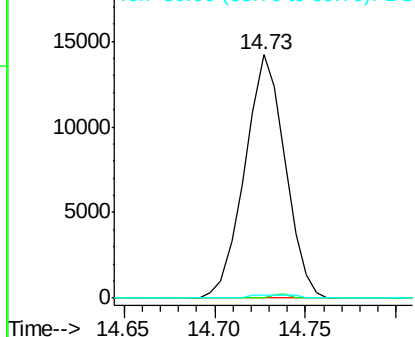


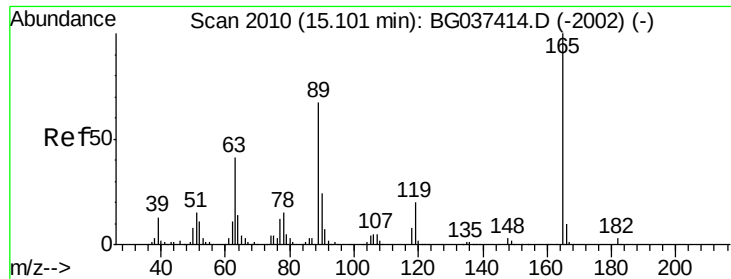
#51
2,6-Dinitrotoluene
Concen: 7.53 ng
RT: 14.73 min Scan# 1947
Delta R.T. 0.41 min
Lab File: BG037854.D
Acq: 7 Nov 2018 1:14

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	1.1	45.8	68.6#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG0
Ion 89.00 (88.70 to 89.70): BG0

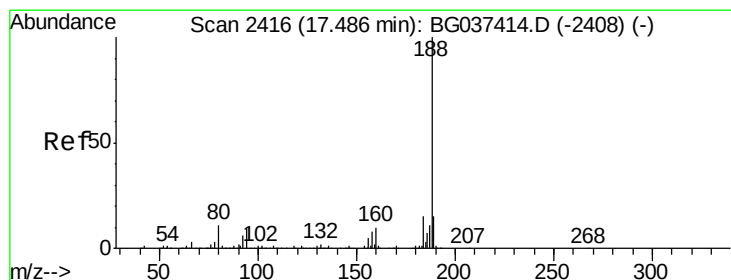
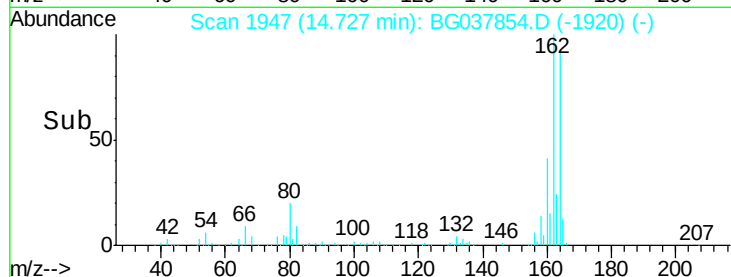
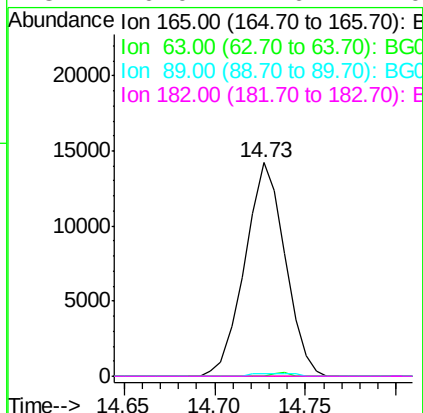
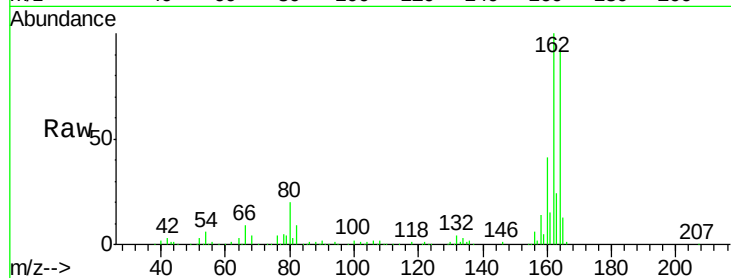




#57
 2,4-Dinitrotoluene
 Concen: 5.74 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.37 min
 Lab File: BG037854.D
 Acq: 7 Nov 2018 1:14

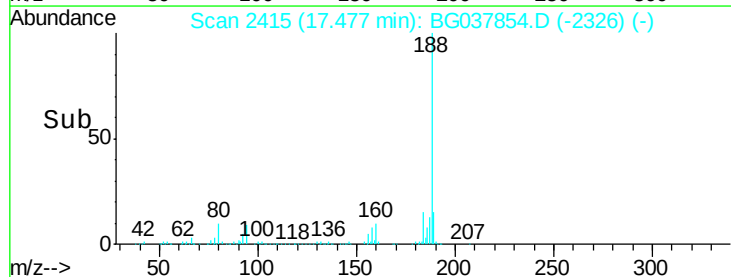
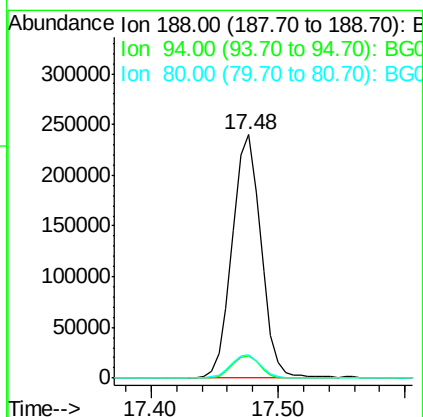
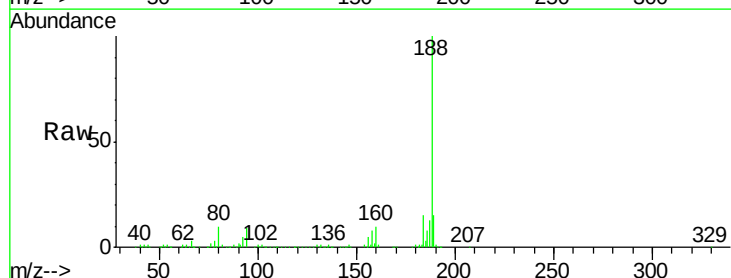
Instrument :
 BNA_G
 ClientSampleId :

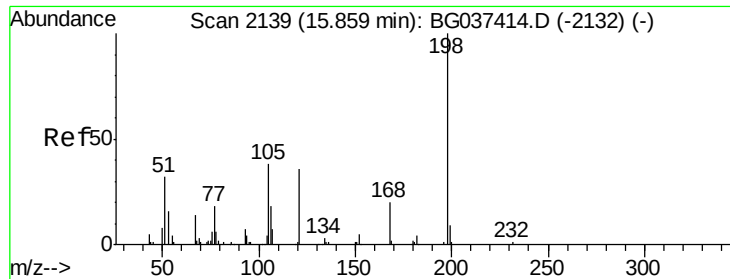
Tot Ion:165 Resp: 21939
 Ion Ratio Lower Upper
 165 100
 63 0.0 33.4 50.0#
 89 1.1 57.2 85.8#
 182 0.0 2.6 4.0#



#64
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.48 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BG037854.D
 Acq: 7 Nov 2018 1:14

Tgt Ion:188 Resp: 377364
 Ion Ratio Lower Upper
 188 100
 94 9.0 7.2 10.8
 80 9.6 7.7 11.5

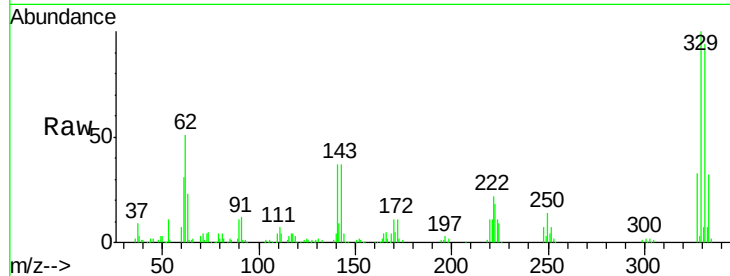




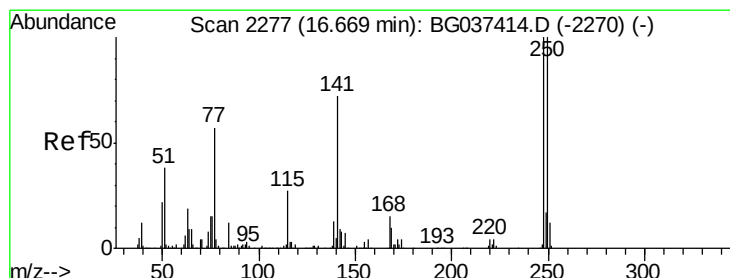
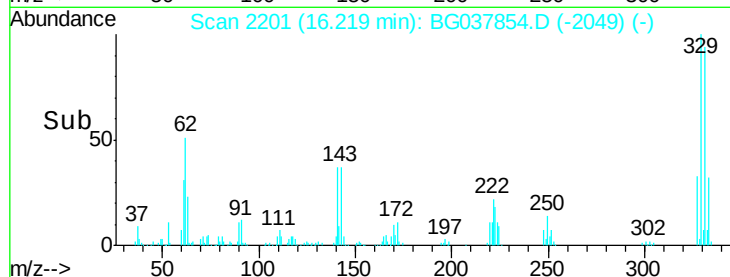
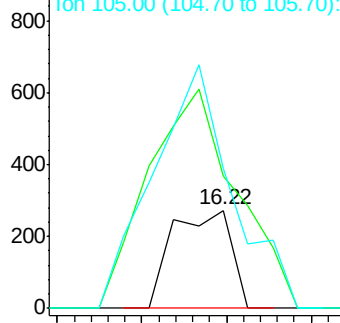
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.62 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. 0.36 min
 Lab File: BG037854.D
 Acq: 7 Nov 2018 1:14

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:198 Resp: 263
 Ion Ratio Lower Upper
 198 100
 51 20.3 22.7 62.7#
 105 21.5 19.7 59.7

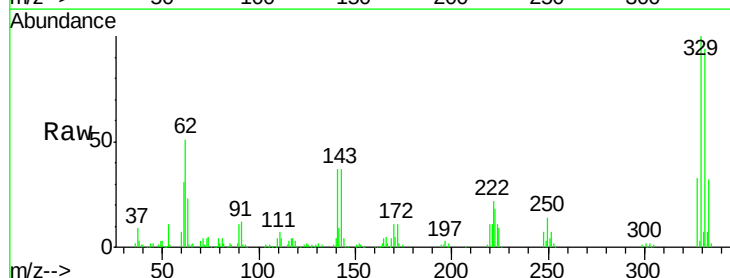


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG0
 Ion 105.00 (104.70 to 105.70): E

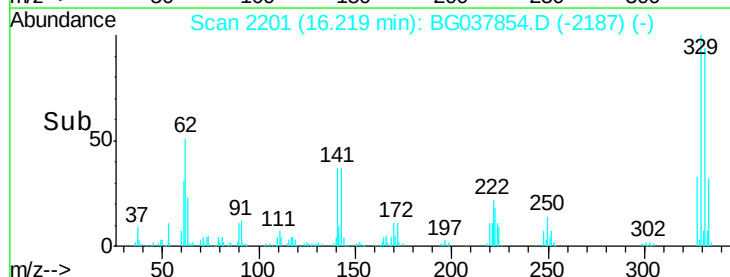
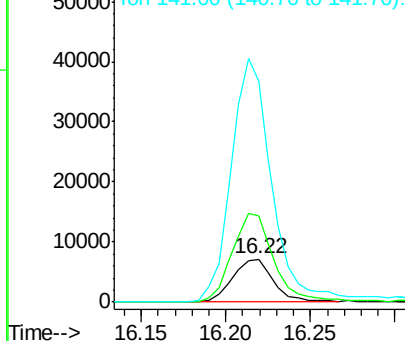


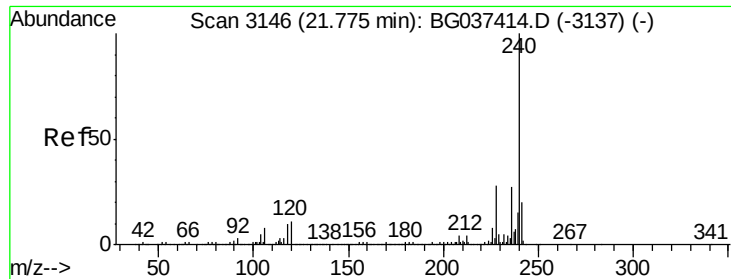
#67
 4-Bromophenyl-phenylether
 Concen: 2.91 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037854.D
 Acq: 7 Nov 2018 1:14

Tgt Ion:248 Resp: 12055
 Ion Ratio Lower Upper
 248 100
 250 192.6 77.0 115.6#
 141 379.5 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

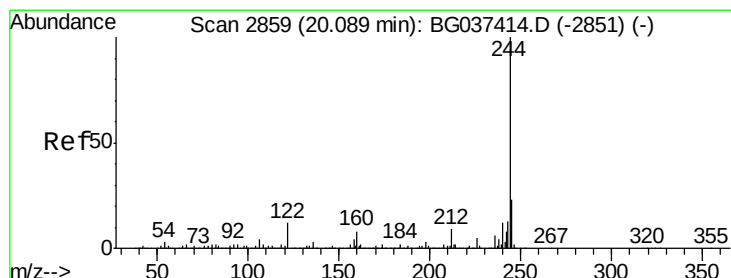
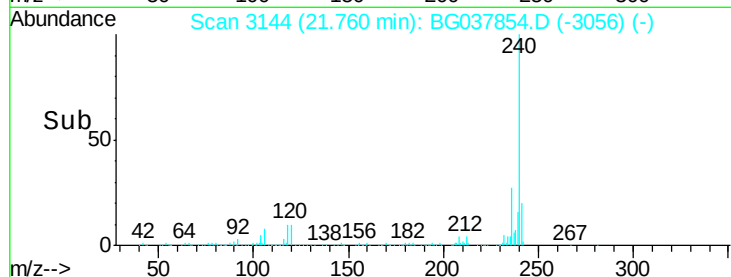
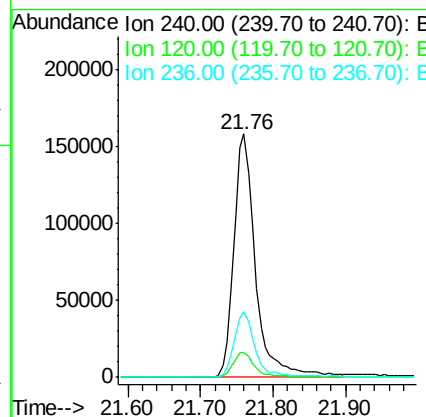
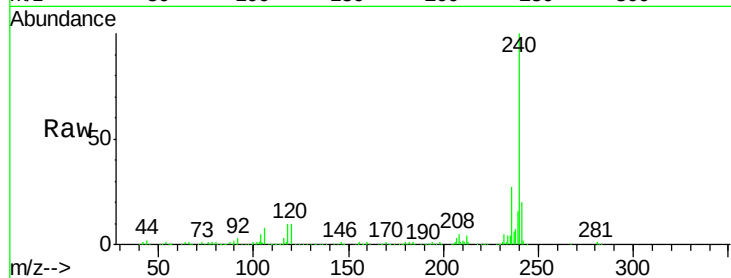




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.02 min
Lab File: BG037854.D
Acq: 7 Nov 2018 1:14

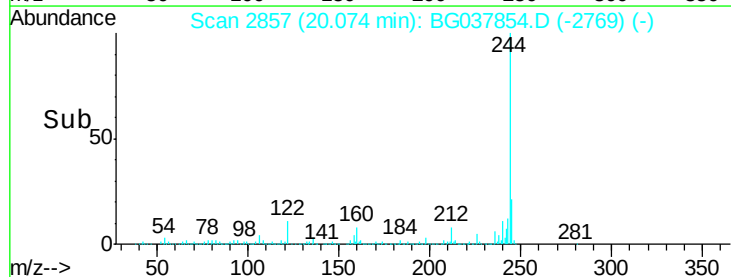
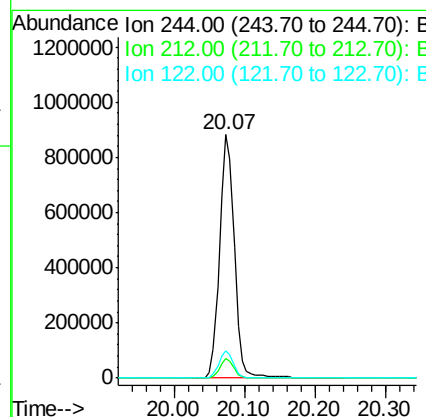
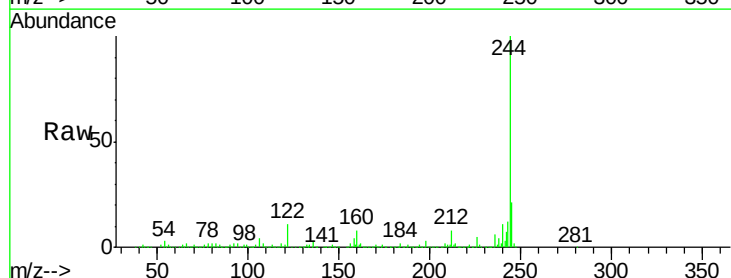
Instrument :
BNA_G
ClientSampleId :

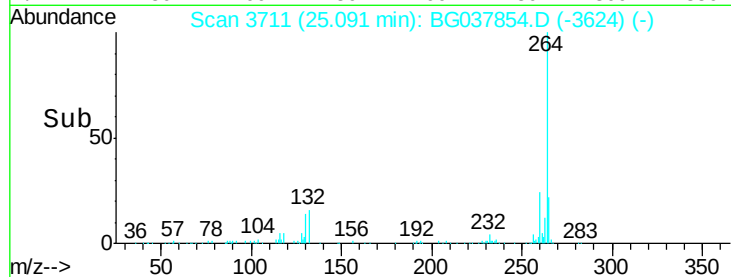
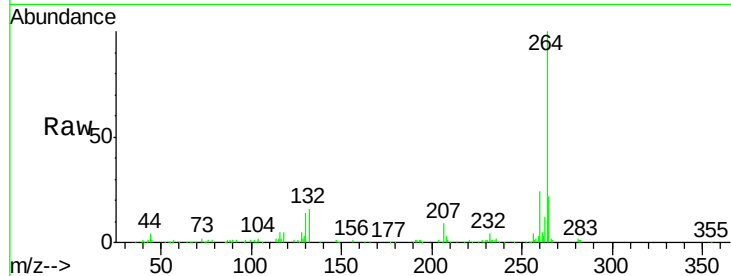
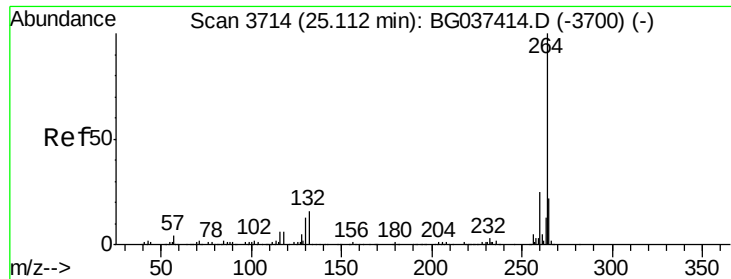
Tot Ion:240 Resp: 330697
Ion Ratio Lower Upper
240 100
120 10.3 8.1 12.1
236 26.8 21.4 32.0



#79
Terphenyl-d14
Concen: 83.10 ng
RT: 20.07 min Scan# 2857
Delta R.T. -0.02 min
Lab File: BG037854.D
Acq: 7 Nov 2018 1:14

Tgt Ion:244 Resp: 1286136
Ion Ratio Lower Upper
244 100
212 8.2 6.5 9.7
122 11.1 9.0 13.4





#87
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.09 min Scan# 3711
 Delta R.T. -0.02 min
 Lab File: BG037854.D
 Acq: 7 Nov 2018 1:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	264	Resp:	255042
Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.2	27.4
265	21.6	17.9	26.9

