

Data File : BG037784.D
Acq On : 3 Nov 2018 10:23
Operator : JU/SJ
Sample : J5776-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NJ-WHITE

Quant Time: Nov 05 03:54:20 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	60235	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	266061	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	175867	20.00	ng	-0.01
64) Phenanthrene-d10	17.48	188	384597	20.00	ng	0.00
76) Chrysene-d12	21.76	240	349701	20.00	ng	-0.01
87) Perylene-d12	25.10	264	287461	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	377411	104.75	ng	0.00
7) Phenol-d6	7.24	99	478717	87.87	ng	0.00
23) Nitrobenzene-d5	9.27	82	381629	80.35	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	185586	96.75	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	935947	80.25	ng	-0.01
79) Terphenyl-d14	20.08	244	1342219	82.01	ng	-0.01

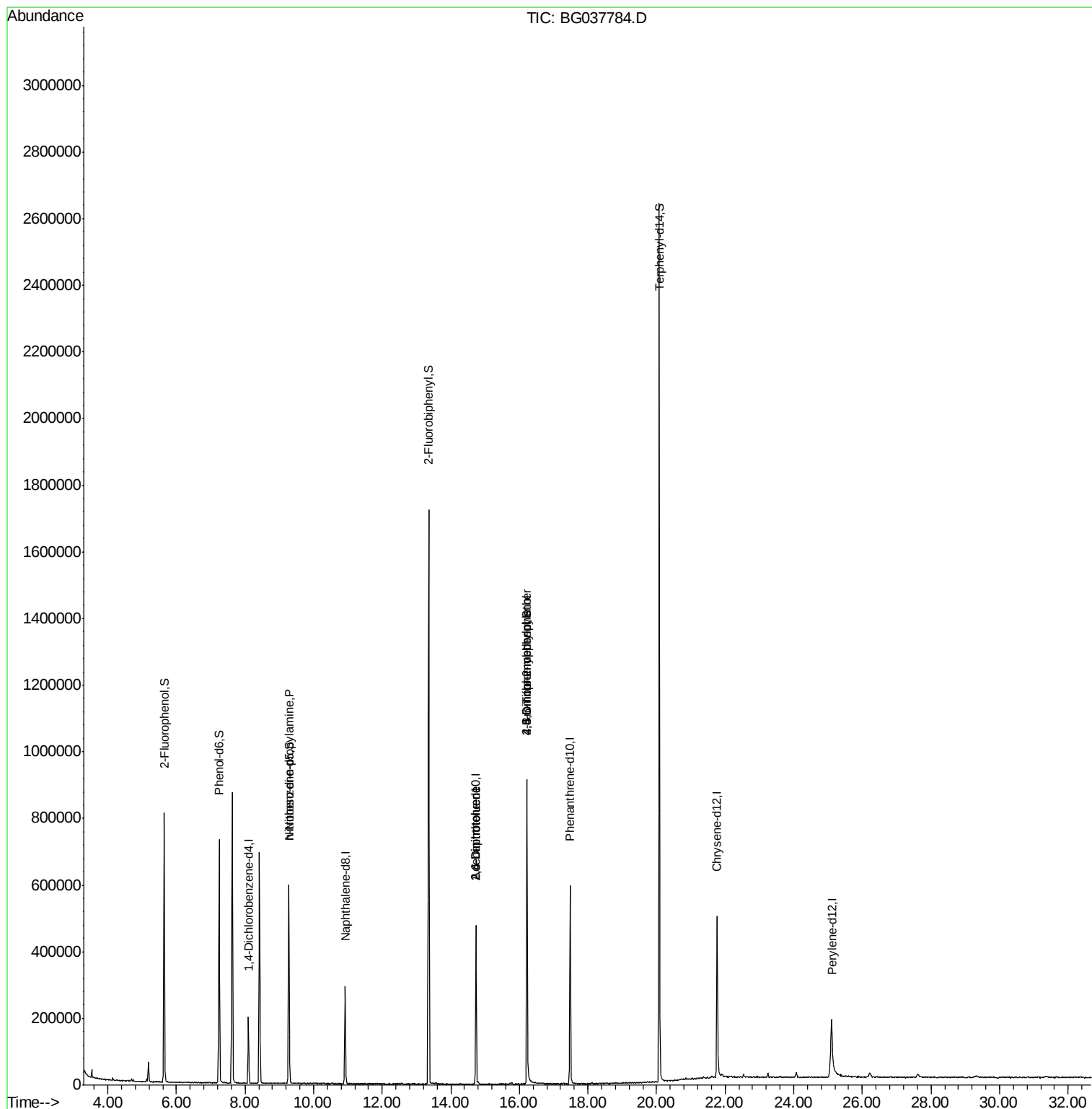
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	9.27	70	48449	12.914	ng	# 71
51) 2,6-Dinitrotoluene	14.73	165	23107	7.677	ng	# 24
57) 2,4-Dinitrotoluene	14.73	165	23107	5.849	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.22	198	802	8.834	ng	# 61
67) 4-Bromophenyl-phenylether	16.22	248	12923	3.060	ng	# 1

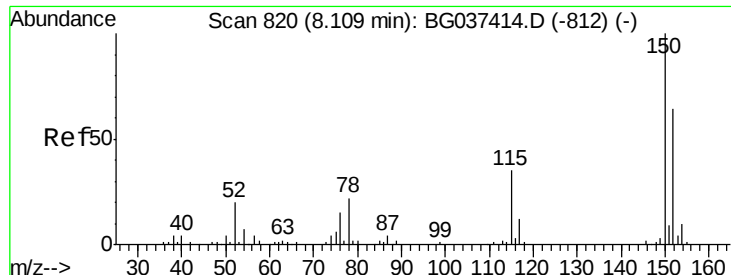
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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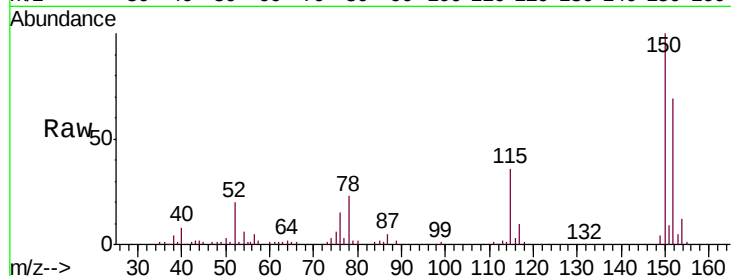


#1

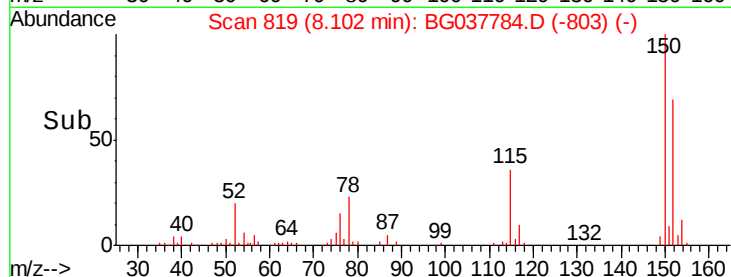
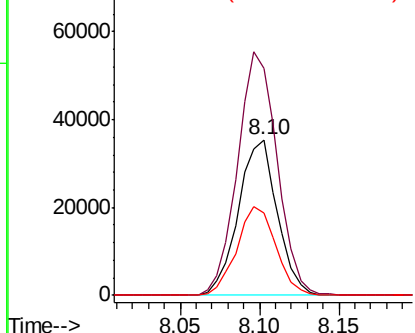
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037784.D
Acq: 3 Nov 2018 10:23

Instrument :
BNA_G
ClientSampleId :
NJ-WHITE

Tgt Ion:152 Resp: 60235
Ion Ratio Lower Upper
152 100
150 145.8 126.0 189.0
115 52.6 45.5 68.3



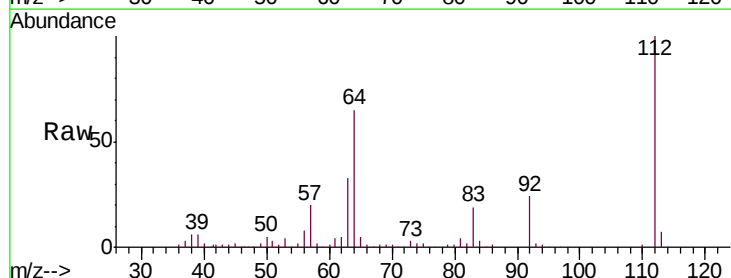
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



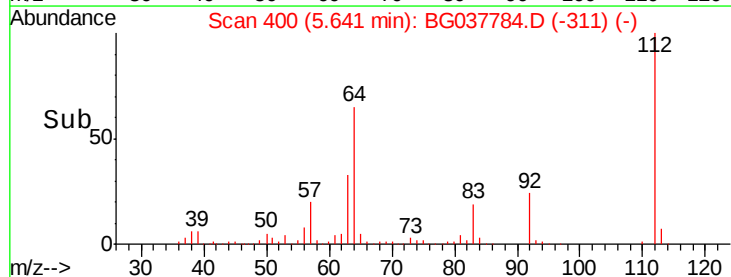
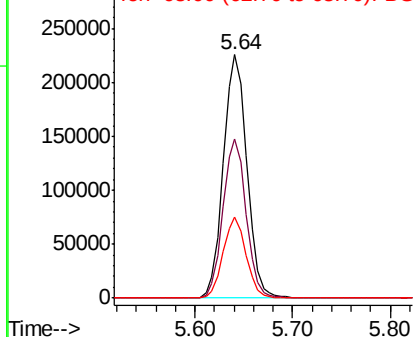
#5

2-Fluorophenol
Concen: 104.752 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037784.D
Acq: 3 Nov 2018 10:23

Tgt Ion:112 Resp: 377411
Ion Ratio Lower Upper
112 100
64 65.3 53.1 79.7
63 33.2 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: 87.870 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037784.D

Acq: 3 Nov 2018 10:23

Instrument :

BNA_G

ClientSampleId :

NJ-WHITE

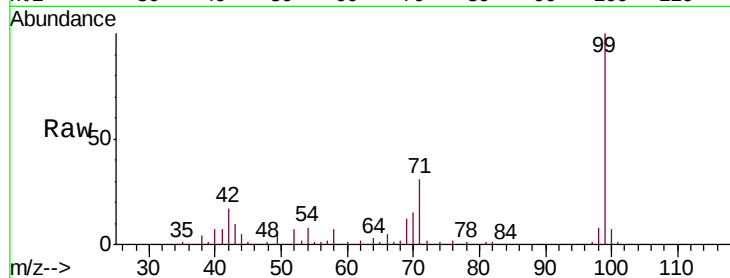
Tgt Ion: 99 Resp: 478717

Ion Ratio Lower Upper

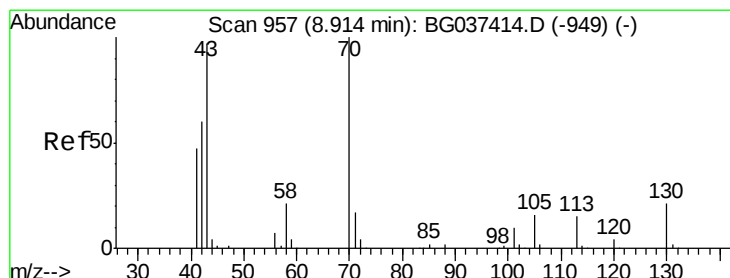
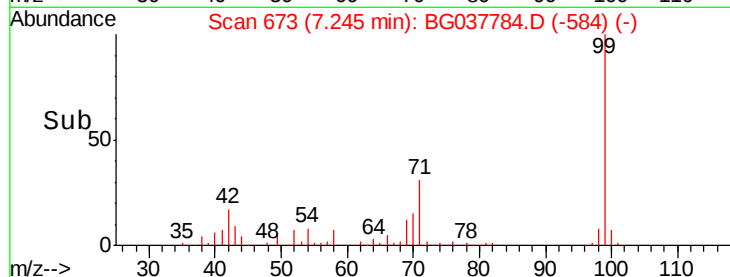
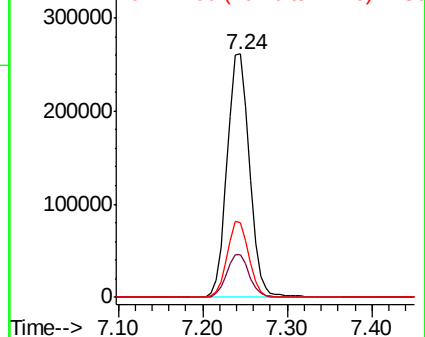
99 100

42 17.4 15.0 22.4

71 30.9 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: 12.914 ng

RT: 9.27 min Scan# 1018

Delta R.T. 0.36 min

Lab File: BG037784.D

Acq: 3 Nov 2018 10:23

Tgt Ion: 70 Resp: 48449

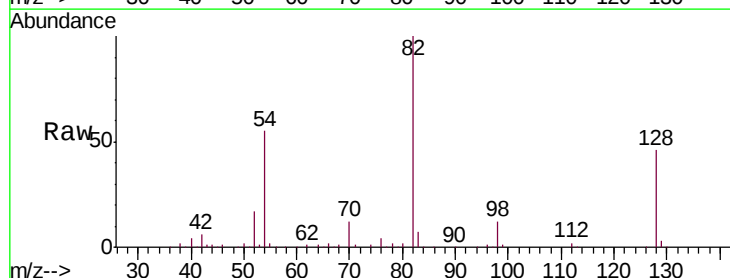
Ion Ratio Lower Upper

70 100

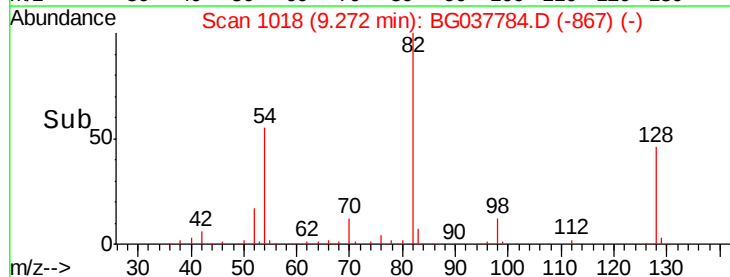
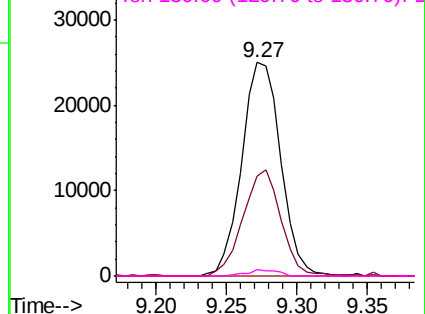
42 46.8 53.9 80.9#

101 0.0 8.2 12.2#

130 2.8 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

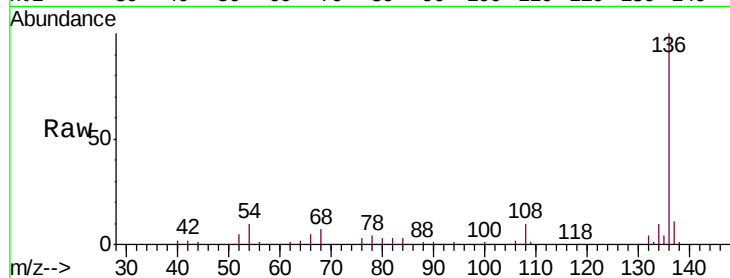




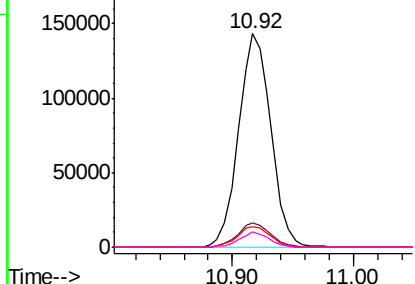
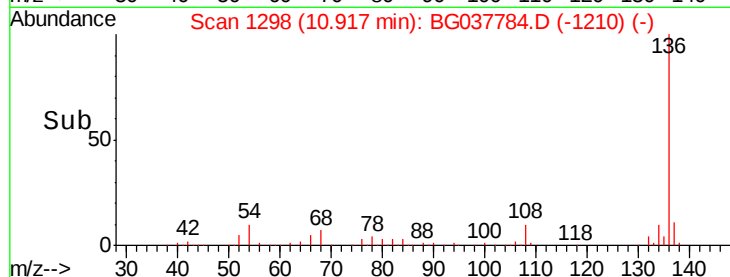
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG037784.D
Acq: 3 Nov 2018 10:23

Instrument :
BNA_G
ClientSampleId :
NJ-WHITE

Tgt Ion:	136	Resp:	266061
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.6	14.4
54	9.6	7.9	11.9
68	6.9	4.8	7.2

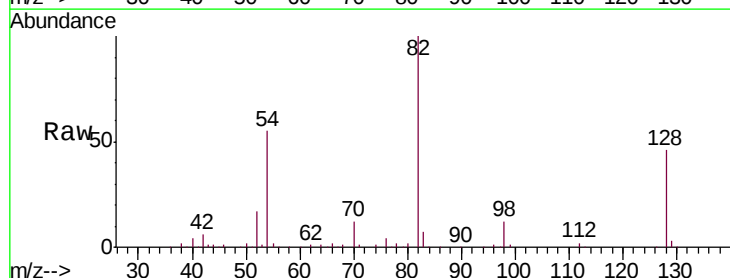


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

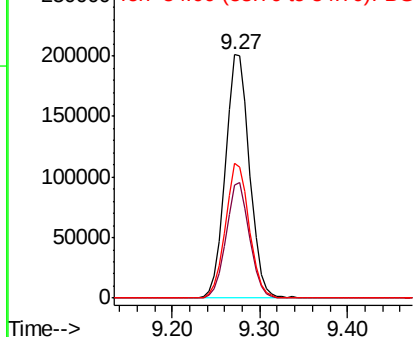
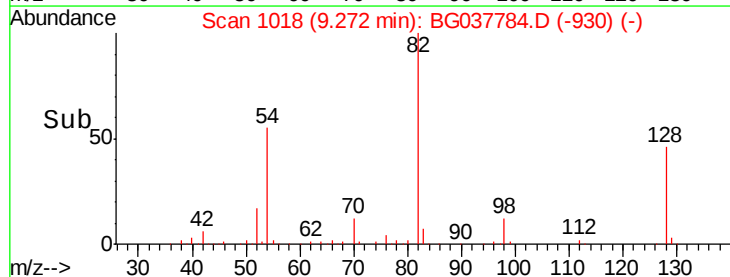


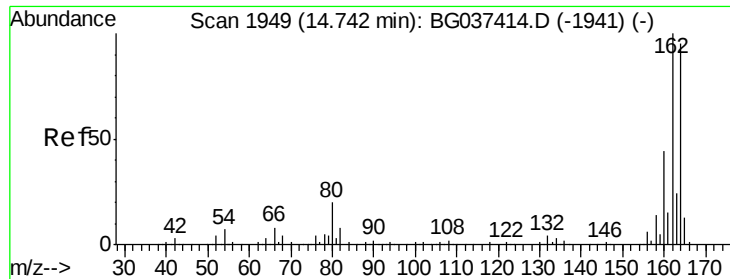
#23
Nitrobenzene-d5
Concen: 80.352 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG037784.D
Acq: 3 Nov 2018 10:23

Tgt Ion:	82	Resp:	381629
Ion	Ratio	Lower	Upper
82	100		
128	46.2	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): E
Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG037784.D

Acq: 3 Nov 2018 10:23

Instrument :

BNA_G

ClientSampled :

NJ-WHITE

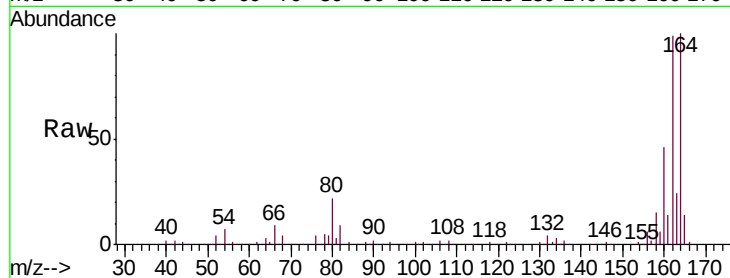
Tgt Ion:164 Resp: 175867

Ion Ratio Lower Upper

164 100

162 98.8 81.3 121.9

160 46.2 36.3 54.5

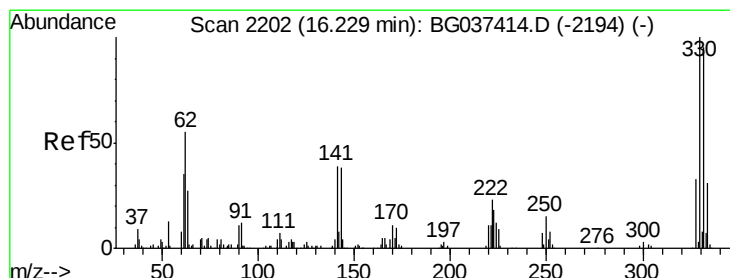
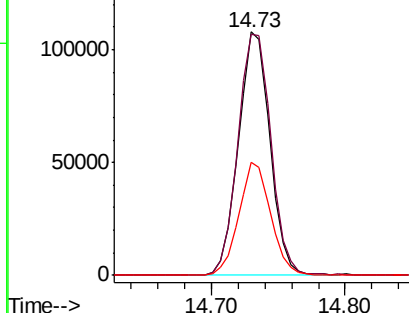
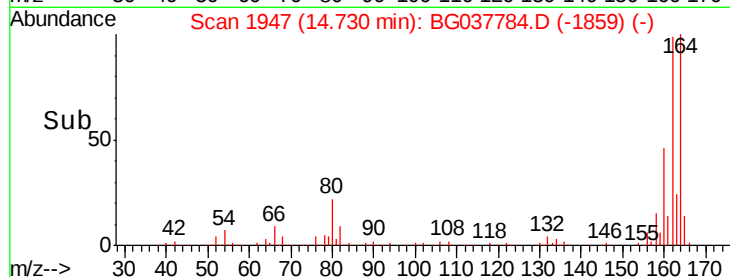


Abundance

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: 96.752 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037784.D

Acq: 3 Nov 2018 10:23

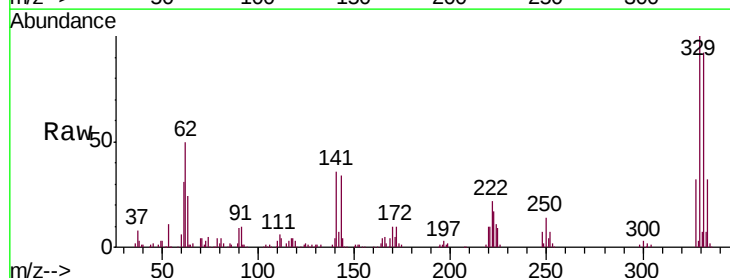
Tgt Ion:330 Resp: 185586

Ion Ratio Lower Upper

330 100

332 96.9 78.4 117.6

141 38.0 32.2 48.2

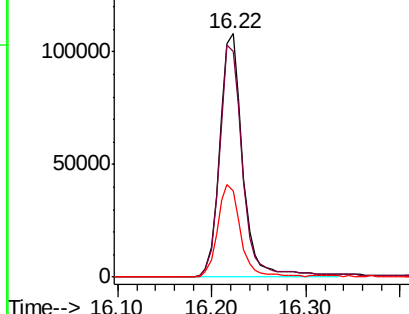
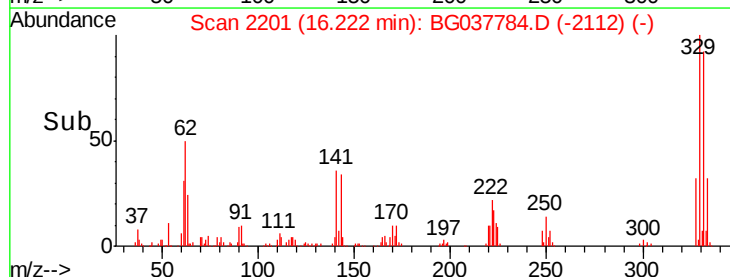


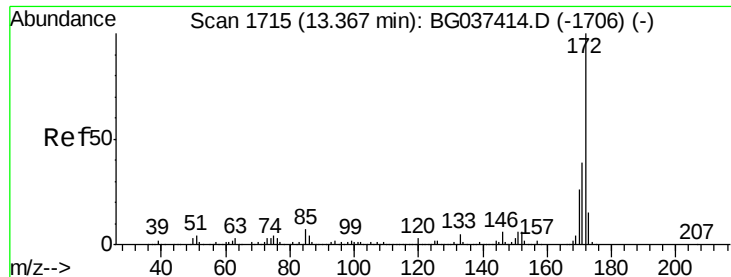
Abundance

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

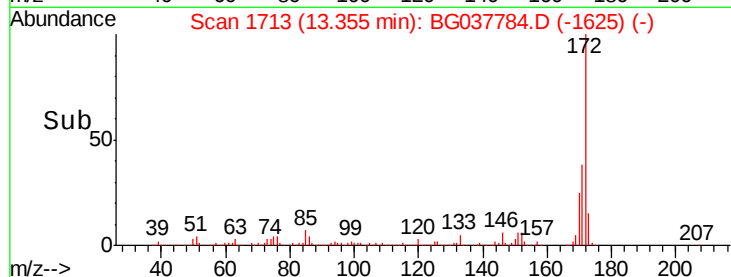
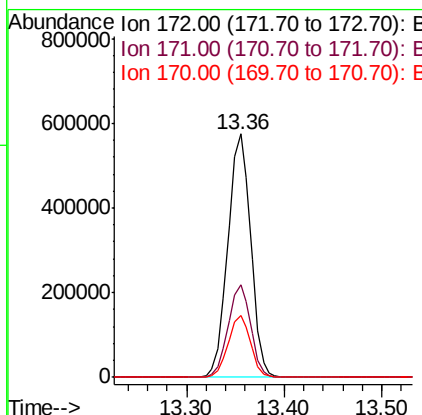
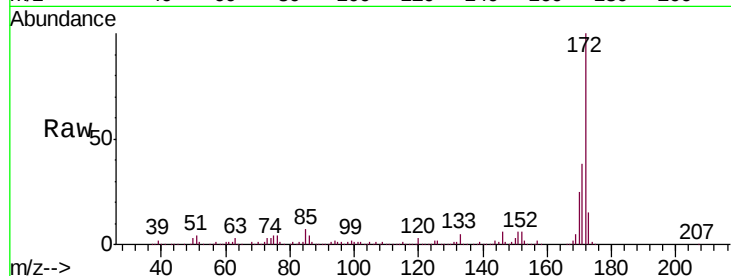




#45
 2-Fluorobiphenyl
 Concen: 80.251 ng
 RT: 13.36 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG037784.D
 Acq: 3 Nov 2018 10:23

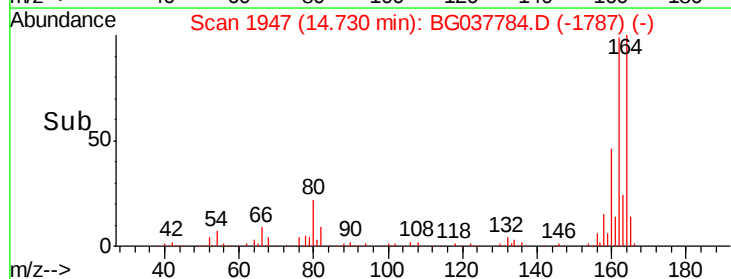
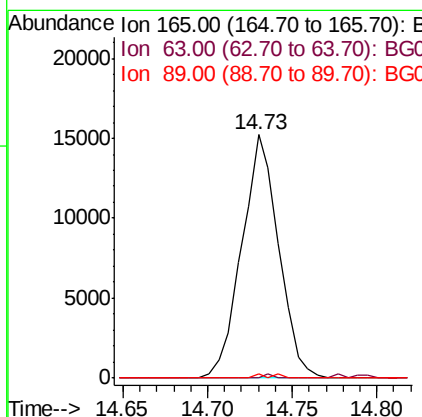
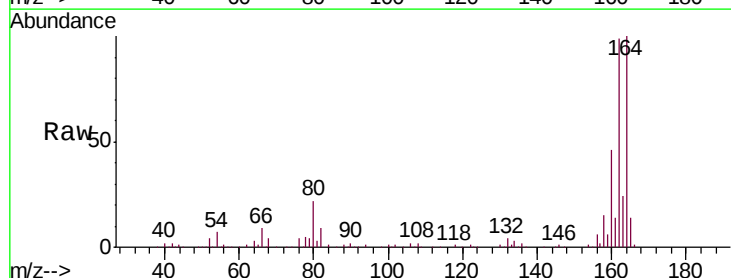
Instrument :
 BNA_G
 ClientSampleId :
 NJ-WHITE

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.0	46.4
170	25.5	20.2	30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.677 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. 0.41 min
 Lab File: BG037784.D
 Acq: 3 Nov 2018 10:23

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	1.5	45.8	68.6#

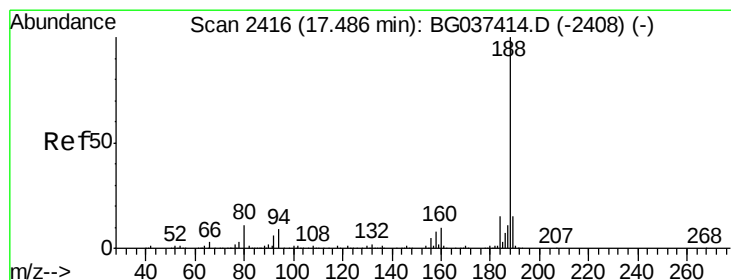
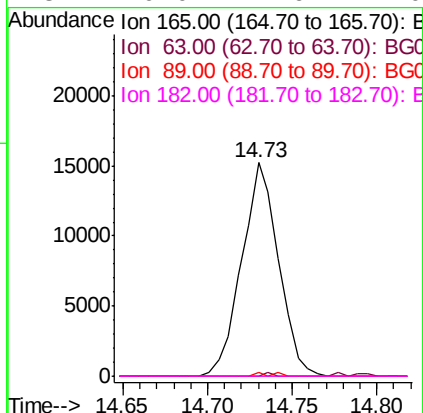
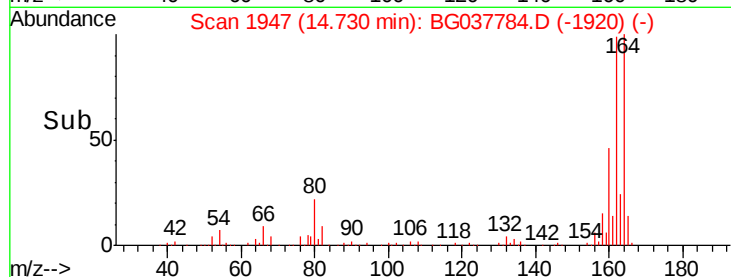
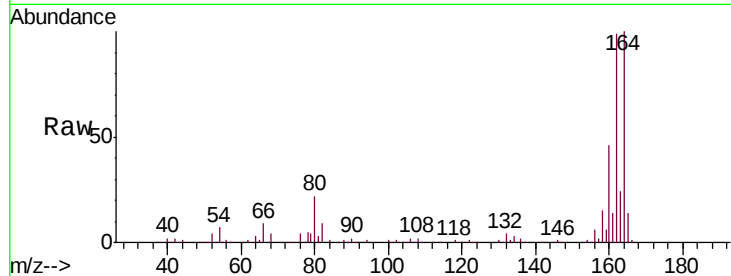




#57
 2,4-Dinitrotoluene
 Concen: 5.849 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.37 min
 Lab File: BG037784.D
 Acq: 3 Nov 2018 10:23

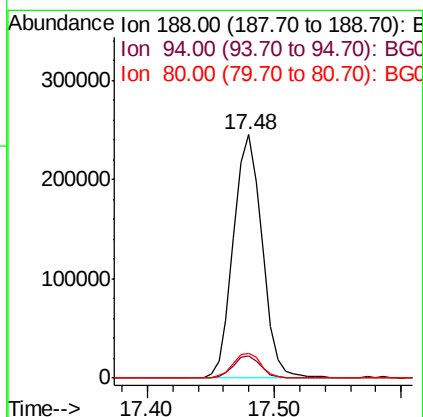
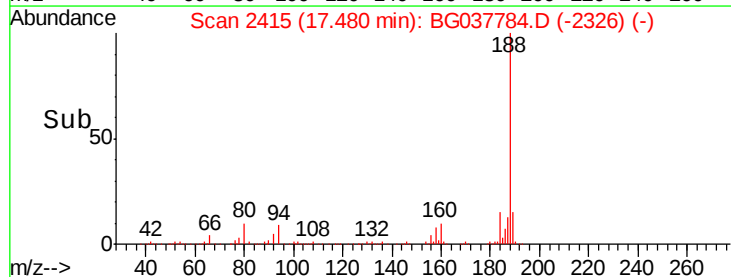
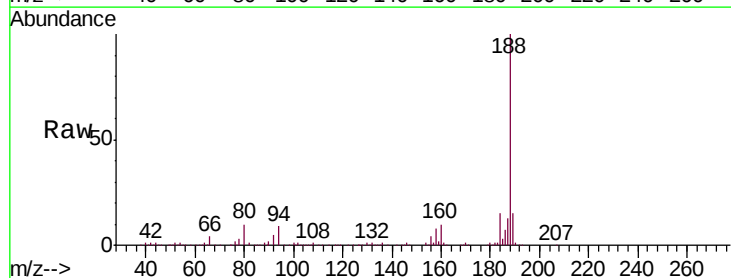
Instrument :
 BNA_G
 ClientSampleId :
 NJ-WHITE

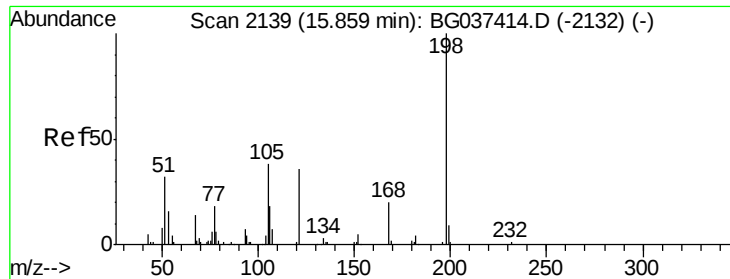
Tgt Ion:	165	Resp:	23107
Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	1.5	57.2	85.8#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BG037784.D
 Acq: 3 Nov 2018 10:23

Tgt Ion:	188	Resp:	384597
Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	10.0	7.7	11.5

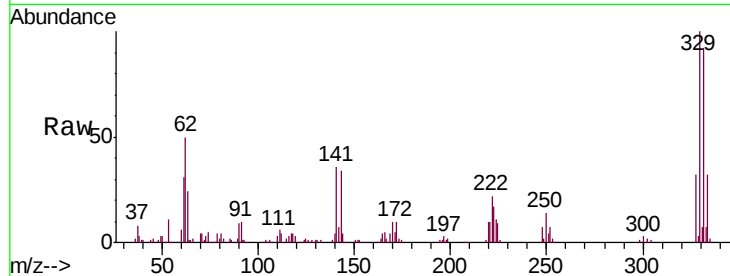




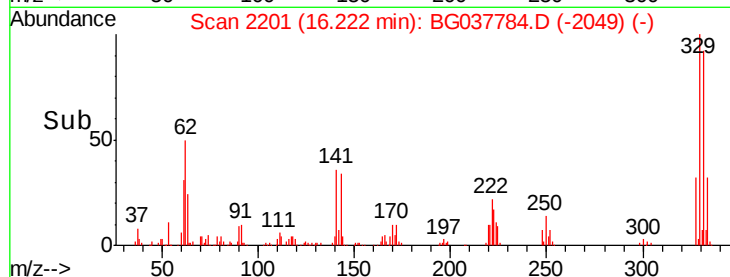
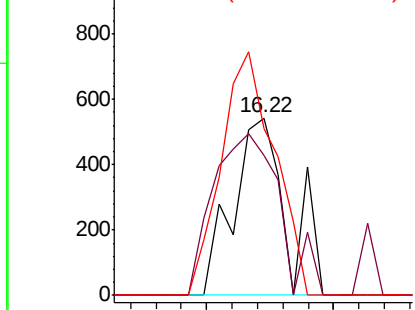
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.834 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. 0.36 min
 Lab File: BG037784.D
 Acq: 3 Nov 2018 10:23

Instrument :
 BNA_G
 ClientSampleId :
 NJ-WHITE

Tgt Ion:198 Resp: 802
 Ion Ratio Lower Upper
 198 100
 51 15.1 22.7 62.7#
 105 18.0 19.7 59.7#

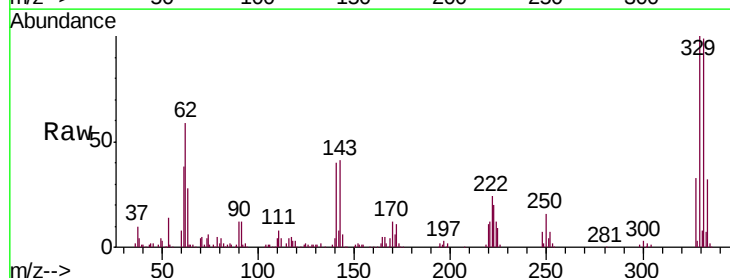


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

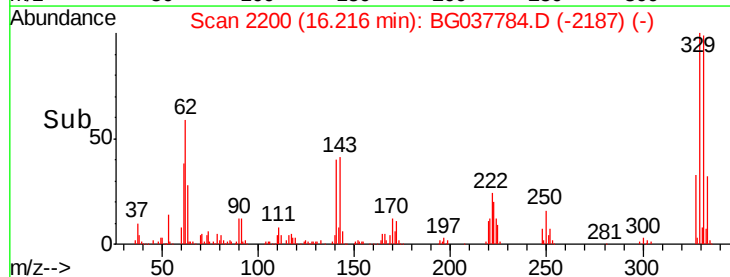
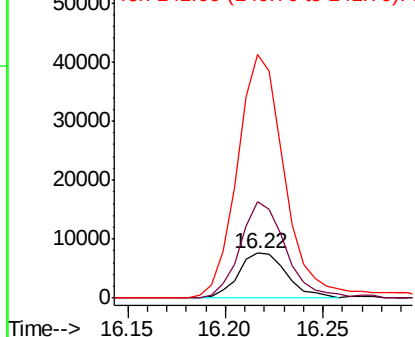


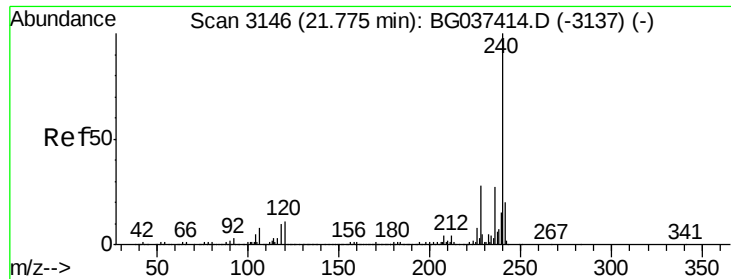
#67
 4-Bromophenyl-phenylether
 Concen: 3.060 ng
 RT: 16.22 min Scan# 2200
 Delta R.T. -0.45 min
 Lab File: BG037784.D
 Acq: 3 Nov 2018 10:23

Tgt Ion:248 Resp: 12923
 Ion Ratio Lower Upper
 248 100
 250 210.8 77.0 115.6#
 141 416.7 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

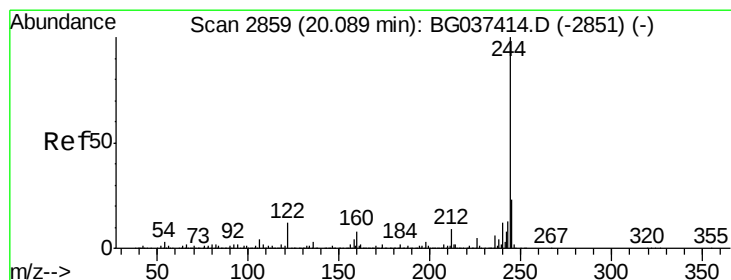
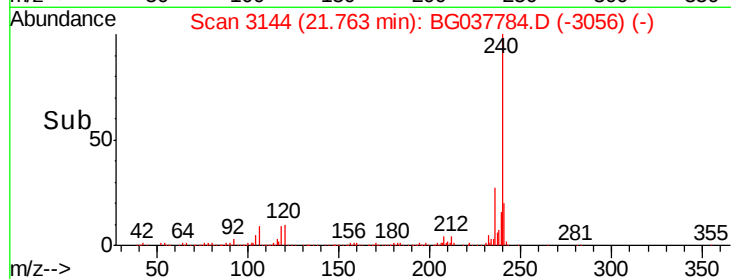
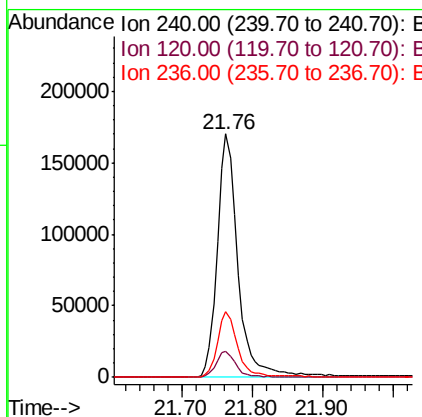
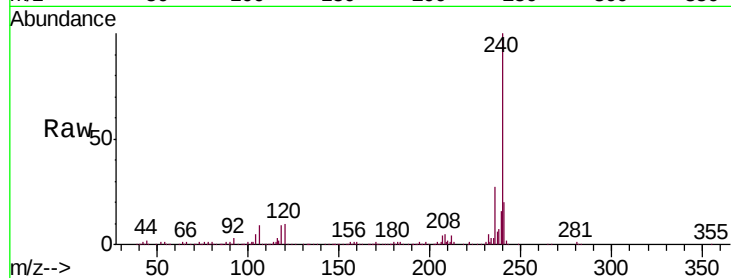




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG037784.D
Acq: 3 Nov 2018 10:23

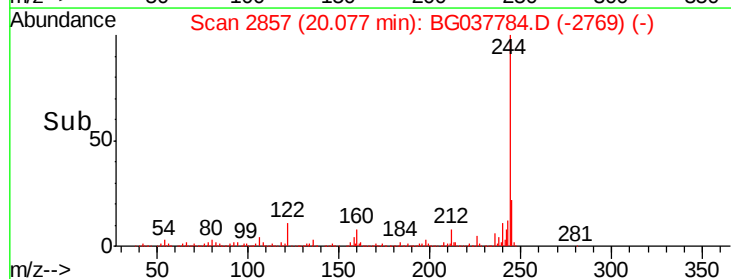
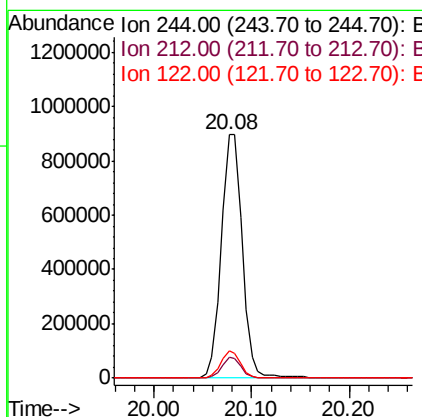
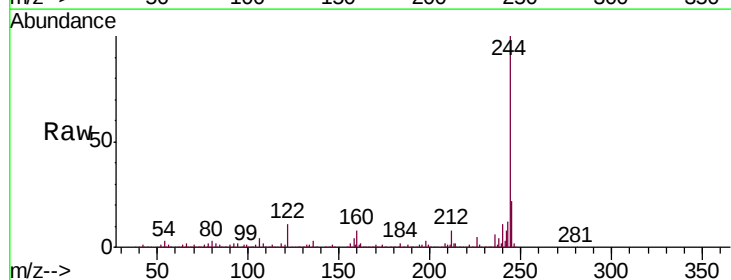
Instrument :
BNA_G
ClientSampleId :
NJ-WHITE

Tgt Ion:240 Resp: 349701
Ion Ratio Lower Upper
240 100
120 10.4 8.1 12.1
236 26.8 21.4 32.0



#79
Terphenyl-d14
Concen: 82.013 ng
RT: 20.08 min Scan# 2857
Delta R.T. -0.01 min
Lab File: BG037784.D
Acq: 3 Nov 2018 10:23

Tgt Ion:244 Resp: 1342219
Ion Ratio Lower Upper
244 100
212 8.4 6.5 9.7
122 11.2 9.0 13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.01 min
Lab File: BG037784.D
Acq: 3 Nov 2018 10:23

Instrument :
BNA_G
ClientSampleId :
NJ-WHITE

Tgt Ion: 264 Resp: 287461
Ion Ratio Lower Upper
264 100
260 25.2 18.2 27.4
265 21.1 17.9 26.9

