

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110518\
 Data File : BG037831.D
 Acq On : 6 Nov 2018 9:37
 Operator : JU/SJ
 Sample : J5764-10
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 06 12:29:39 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

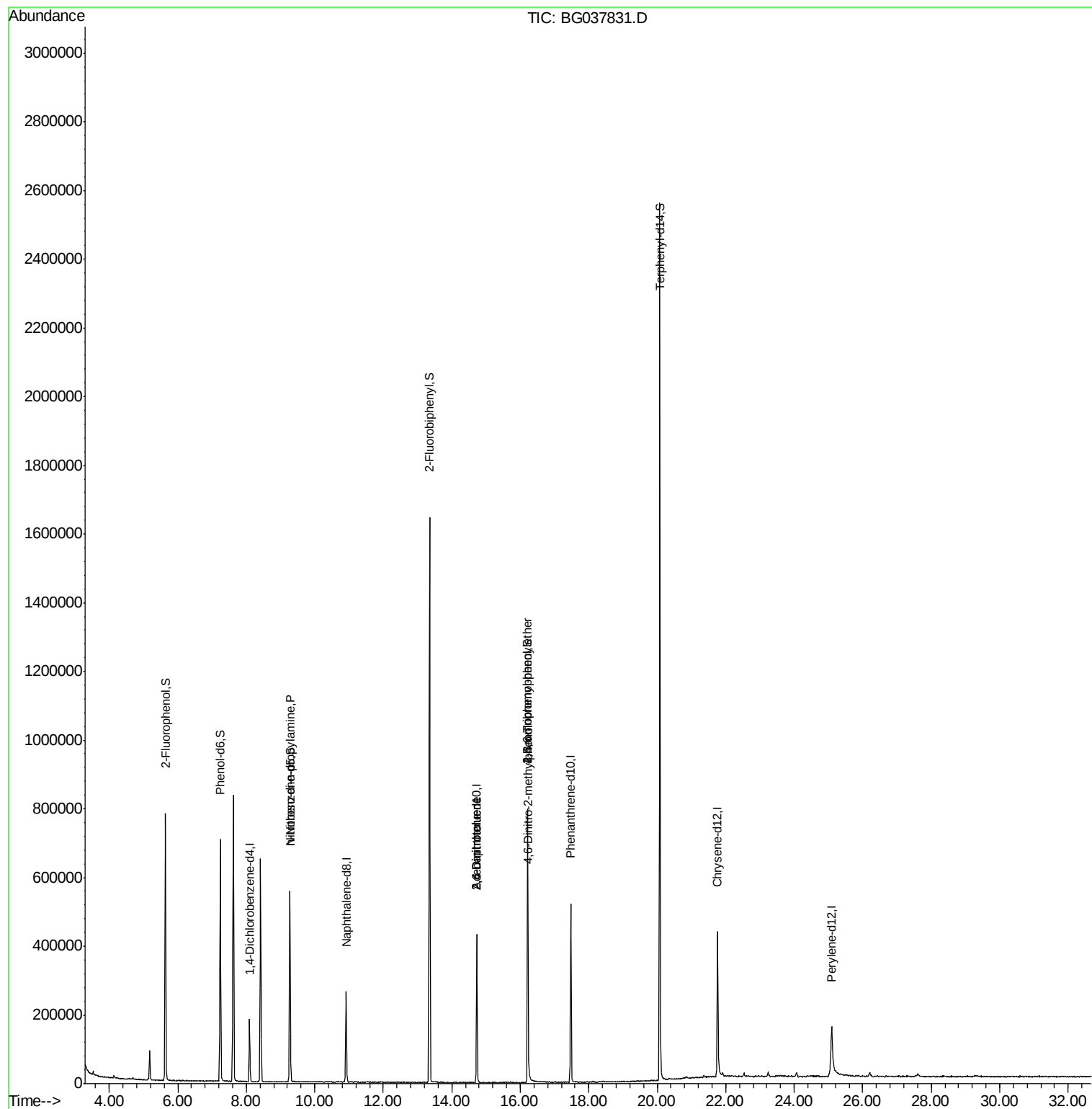
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	55208	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	245531	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	158750	20.00	ng	-0.02
64) Phenanthrene-d10	17.48	188	352723	20.00	ng	0.00
76) Chrysene-d12	21.76	240	306815	20.00	ng	-0.02
87) Perylene-d12	25.09	264	222904	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	361261	109.40	ng	0.00
7) Phenol-d6	7.24	99	468076	93.74	ng	0.00
23) Nitrobenzene-d5	9.27	82	357114	81.48	ng	-0.02
42) 2,4,6-Tribromophenol	16.21	330	159855	92.32	ng	-0.02
45) 2-Fluorobiphenyl	13.35	172	883746	83.95	ng	-0.02
79) Terphenyl-d14	20.07	244	1260062	87.76	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.27	70	44880	13.052	ng	# 70
51) 2,6-Dinitrotoluene	14.73	165	20215	7.441	ng	# 26
57) 2,4-Dinitrotoluene	14.73	165	20215	5.668	ng	# 26
65) 4,6-Dinitro-2-methylphenol	16.23	198	486	8.724	ng	# 55
67) 4-Bromophenyl-phenylether	16.21	248	11581	2.990	ng	# 1

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

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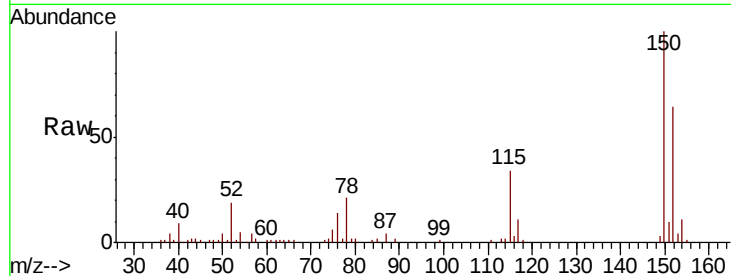




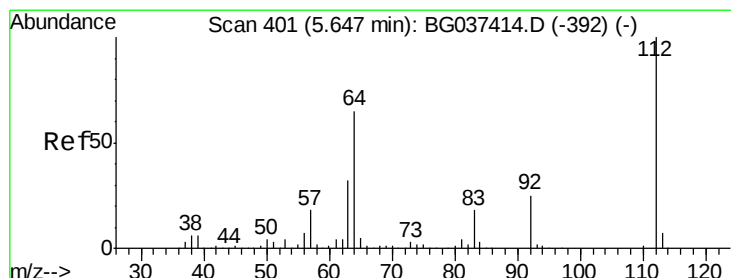
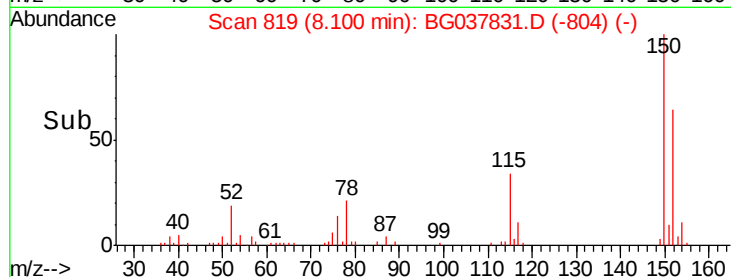
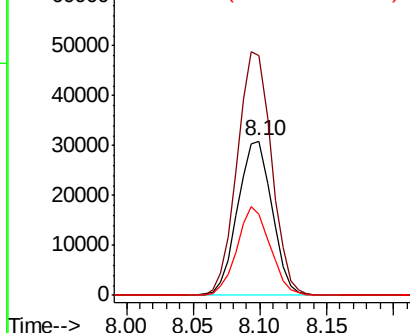
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.10 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BG037831.D
 Acq: 6 Nov 2018 9:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 55208
 Ion Ratio Lower Upper
 152 100
 150 155.2 126.0 189.0
 115 52.7 45.5 68.3

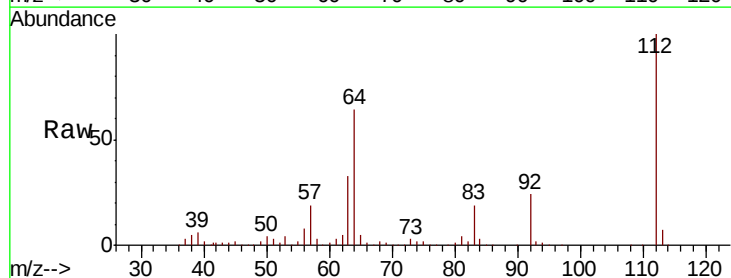


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

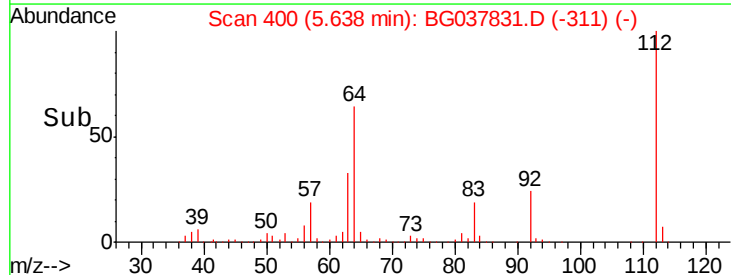
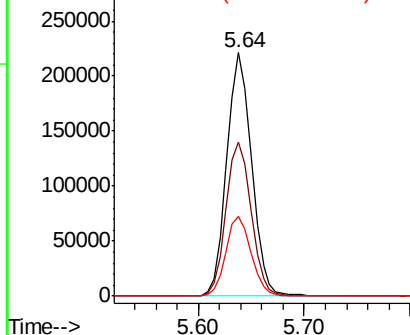


#5
 2-Fluorophenol
 Concen: 109.400 ng
 RT: 5.64 min Scan# 400
 Delta R.T. -0.01 min
 Lab File: BG037831.D
 Acq: 6 Nov 2018 9:37

Tgt Ion:112 Resp: 361261
 Ion Ratio Lower Upper
 112 100
 64 63.5 53.1 79.7
 63 32.7 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: 93.740 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037831.D

Acq: 6 Nov 2018 9:37

Instrument :

BNA_G

ClientSampleId :

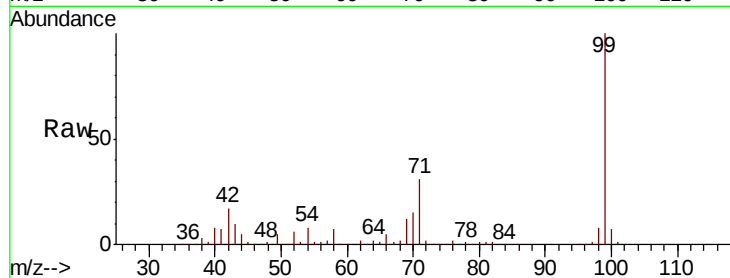
Tot Ion: 99 Resp: 468076

Ion Ratio Lower Upper

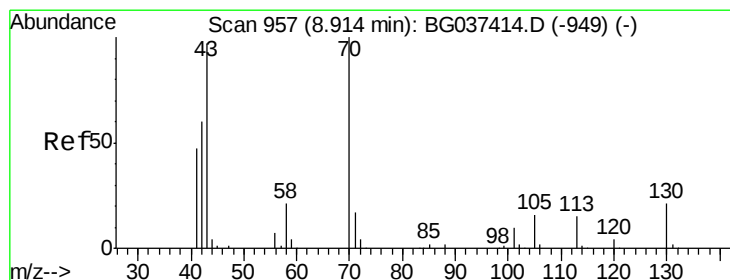
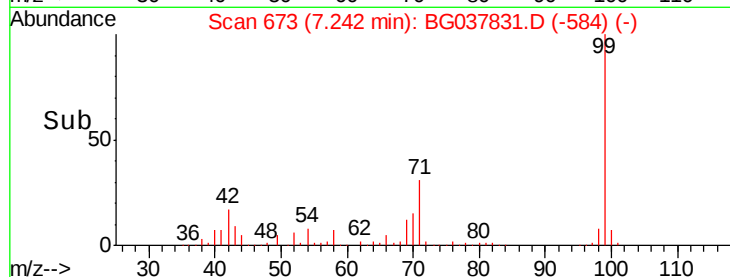
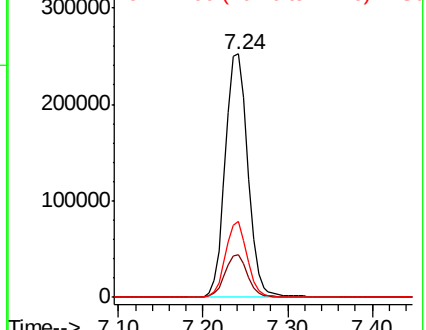
99 100

42 17.5 15.0 22.4

71 31.4 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: 13.052 ng

RT: 9.27 min Scan# 1019

Delta R.T. 0.36 min

Lab File: BG037831.D

Acq: 6 Nov 2018 9:37

Tgt Ion: 70 Resp: 44880

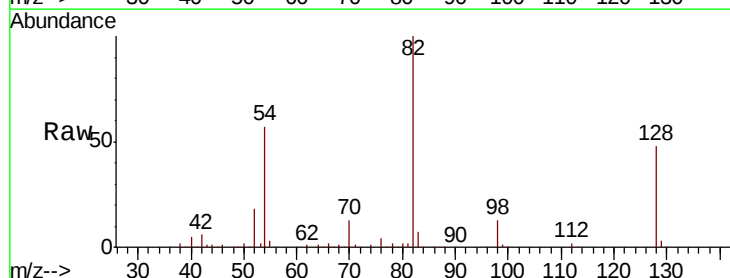
Ion Ratio Lower Upper

70 100

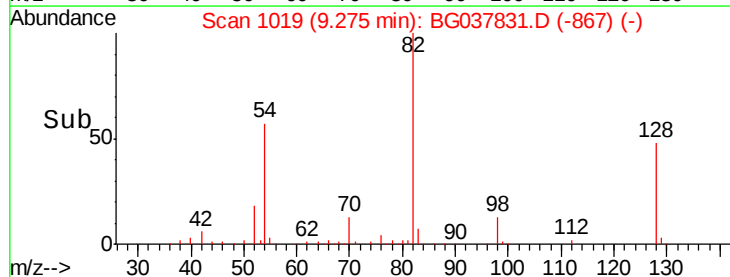
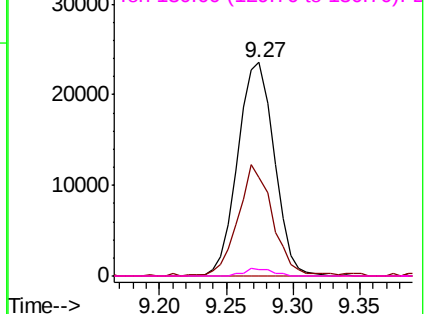
42 46.4 53.9 80.9#

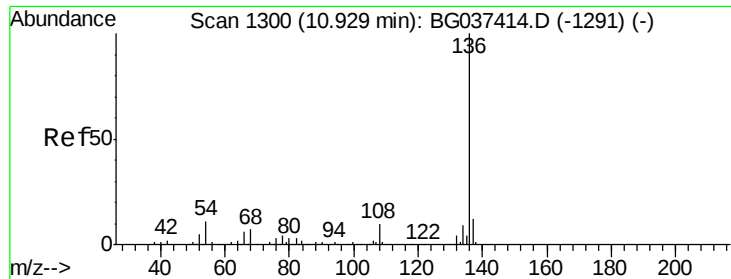
101 0.0 8.2 12.2#

130 2.9 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

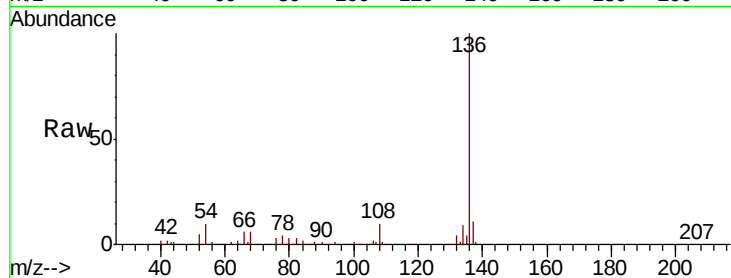




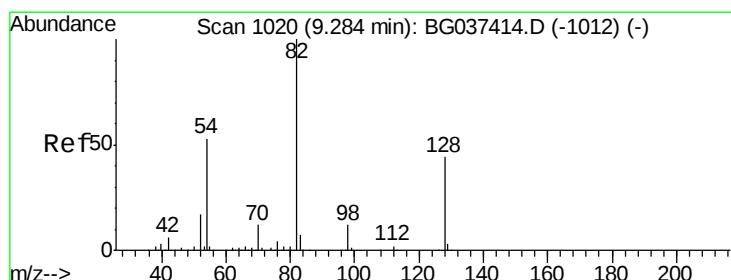
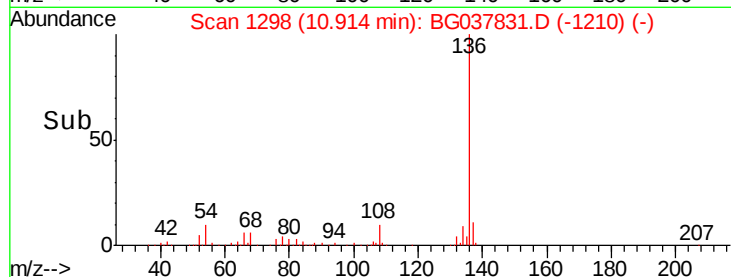
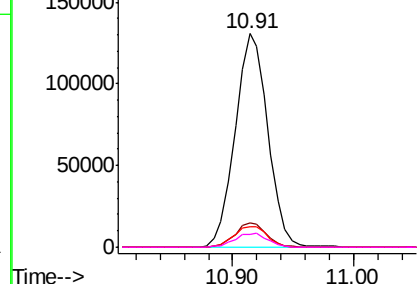
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BG037831.D
Acq: 6 Nov 2018 9:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	245531
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.6 14.4
54	9.9	7.9 11.9
68	6.2	4.8 7.2

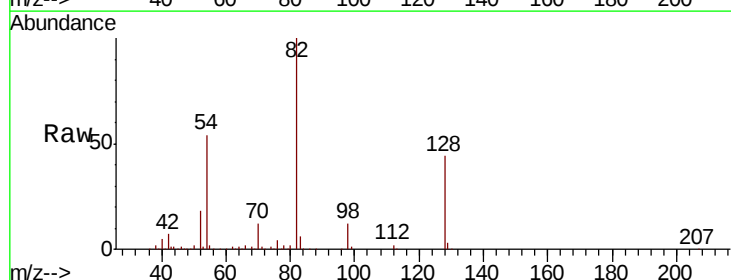


Abundance Ion 136.00 (135.70 to 136.70): E
200000 Ion 137.00 (136.70 to 137.70): E
150000 Ion 54.00 (53.70 to 54.70): BGC
100000 Ion 68.00 (67.70 to 68.70): BGC
50000
0

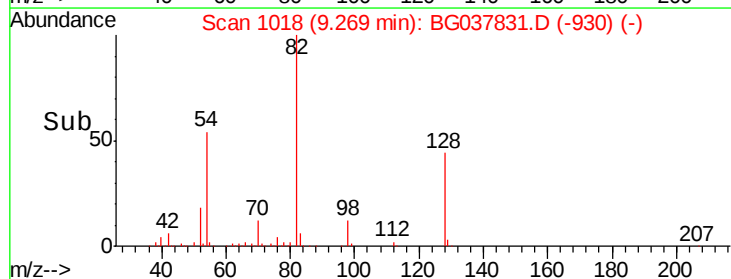
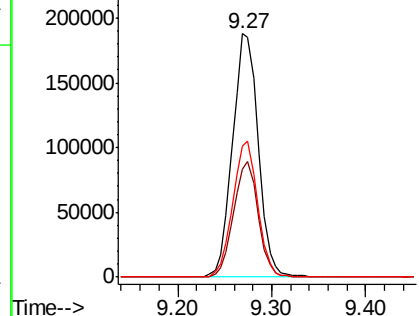


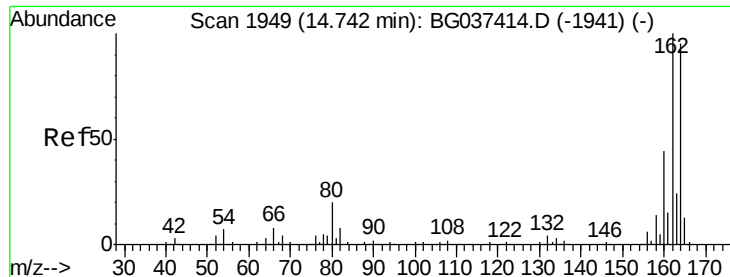
#23
Nitrobenzene-d5
Concen: 81.477 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.02 min
Lab File: BG037831.D
Acq: 6 Nov 2018 9:37

Tgt Ion: 82	Resp:	357114
Ion Ratio	Lower	Upper
82	100	
128	44.2	34.6 51.8
54	53.7	45.3 67.9



Abundance Ion 82.00 (81.70 to 82.70): BGC
250000 Ion 128.00 (127.70 to 128.70): E
200000 Ion 54.00 (53.70 to 54.70): BGC
150000
100000
50000
0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.02 min

Lab File: BG037831.D

Acq: 6 Nov 2018 9:37

Instrument :

BNA_G

ClientSampleId :

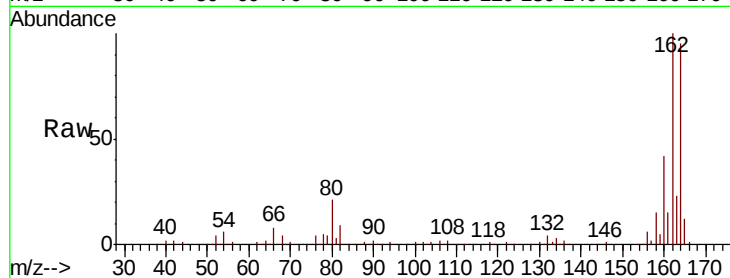
Tot Ion:164 Resp: 158750

Ion Ratio Lower Upper

164 100

162 104.9 81.3 121.9

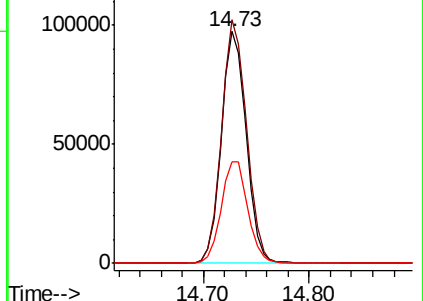
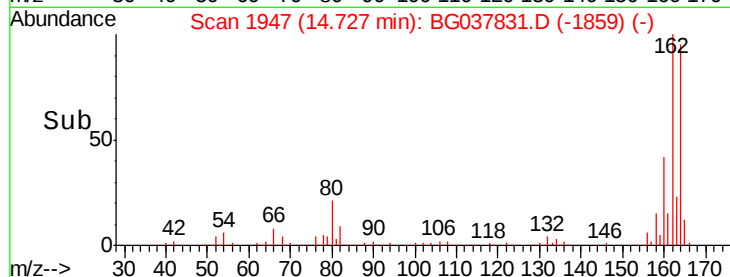
160 43.7 36.3 54.5



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: 92.323 ng

RT: 16.21 min Scan# 2200

Delta R.T. -0.02 min

Lab File: BG037831.D

Acq: 6 Nov 2018 9:37

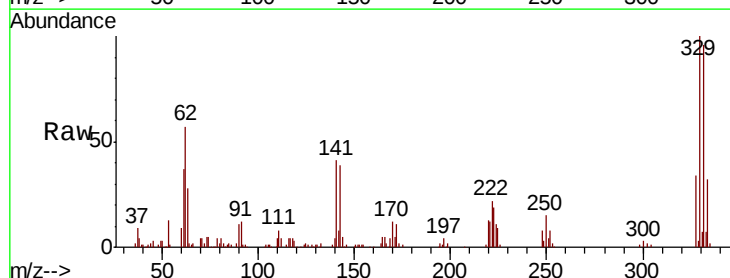
Tgt Ion:330 Resp: 159855

Ion Ratio Lower Upper

330 100

332 94.8 78.4 117.6

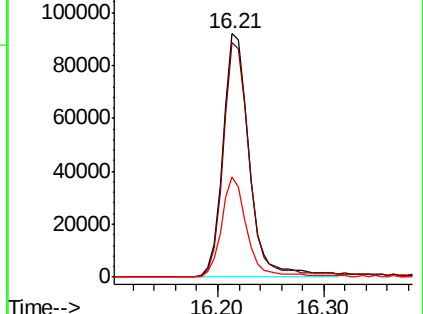
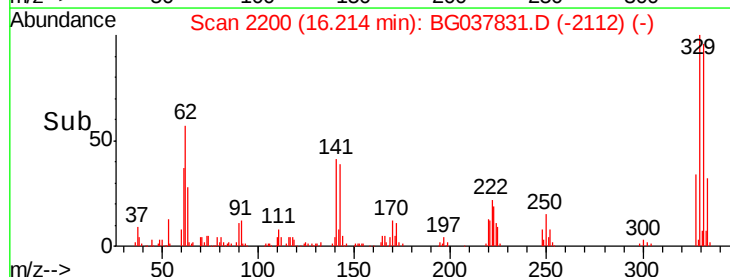
141 39.1 32.2 48.2

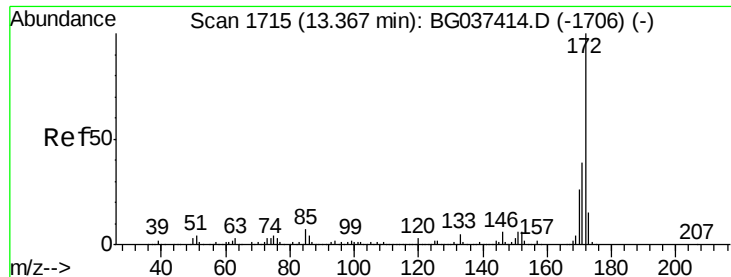


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

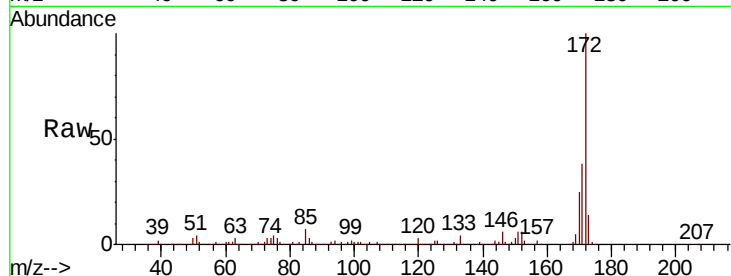




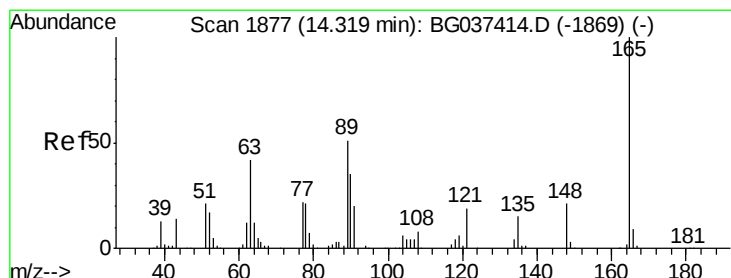
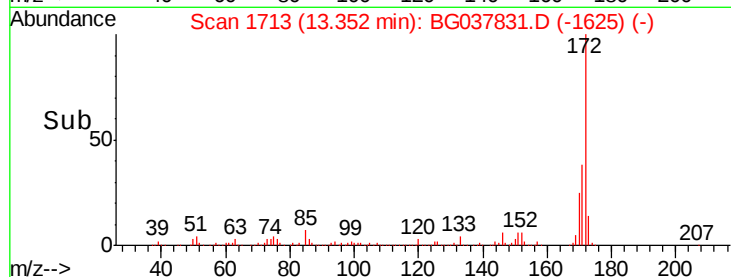
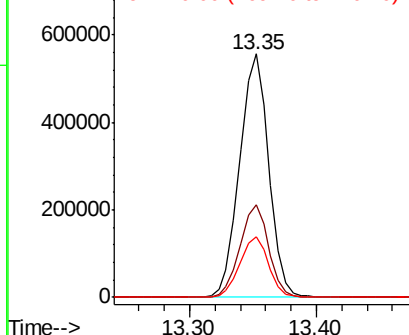
#45
 2-Fluorobiphenyl
 Concen: 83.946 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.02 min
 Lab File: BG037831.D
 Acq: 6 Nov 2018 9:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 883746
 Ion Ratio Lower Upper
 172 100
 171 38.0 31.0 46.4
 170 24.8 20.2 30.2

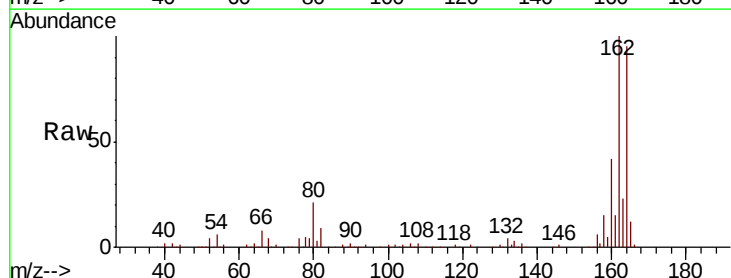


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

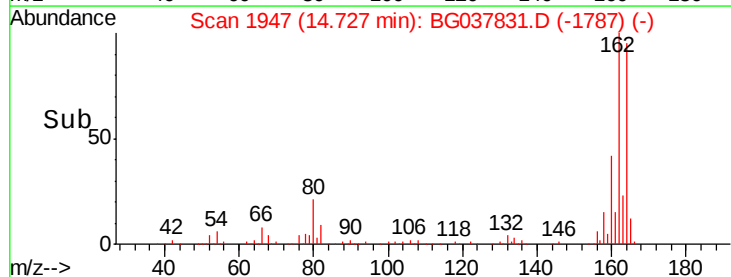
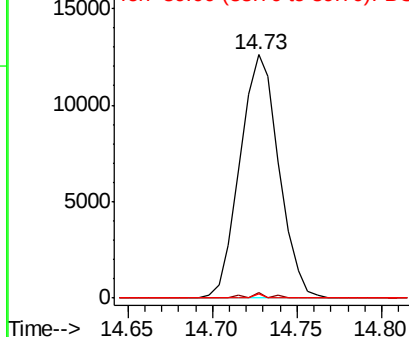


#51
 2,6-Dinitrotoluene
 Concen: 7.441 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. 0.41 min
 Lab File: BG037831.D
 Acq: 6 Nov 2018 9:37

Tgt Ion:165 Resp: 20215
 Ion Ratio Lower Upper
 165 100
 63 2.1 43.4 65.2#
 89 1.6 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

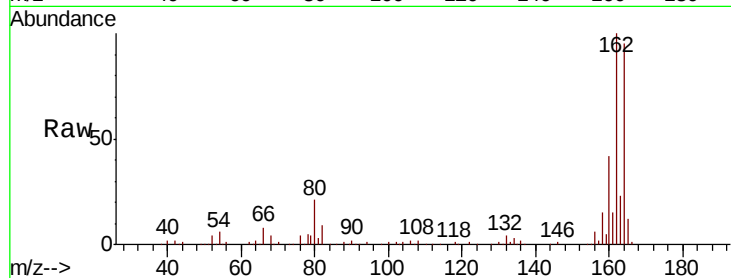




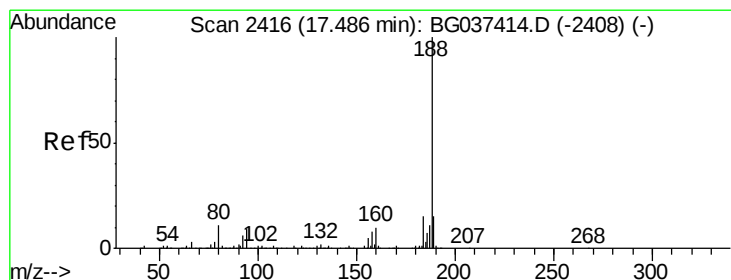
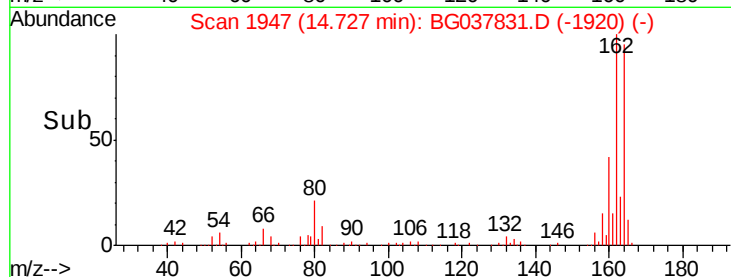
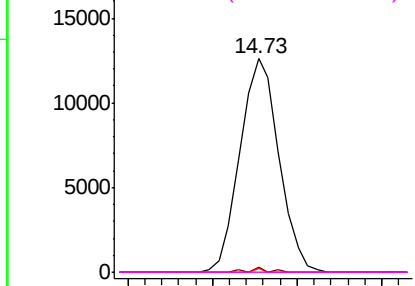
#57
 2,4-Dinitrotoluene
 Concen: 5.668 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.37 min
 Lab File: BG037831.D
 Acq: 6 Nov 2018 9:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165	Resp:	20215
Ion Ratio	Lower	Upper
165	100	
63	2.1	33.4 50.0#
89	1.6	57.2 85.8#
182	0.0	2.6 4.0#

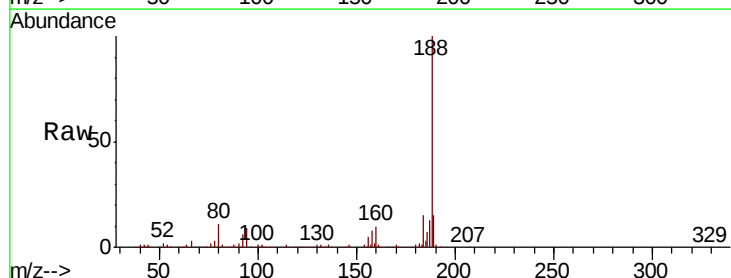


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

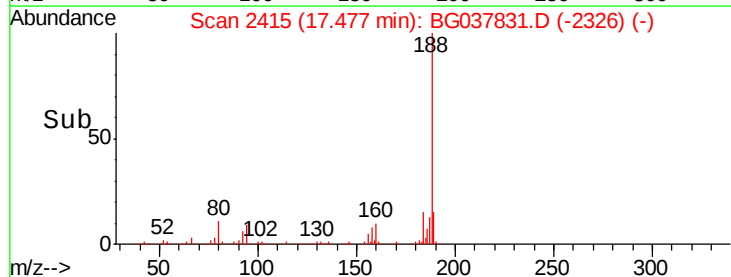
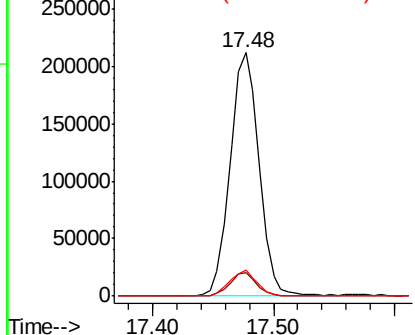


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BG037831.D
 Acq: 6 Nov 2018 9:37

Tgt Ion:188	Resp:	352723
Ion Ratio	Lower	Upper
188	100	
94	9.5	7.2 10.8
80	10.8	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

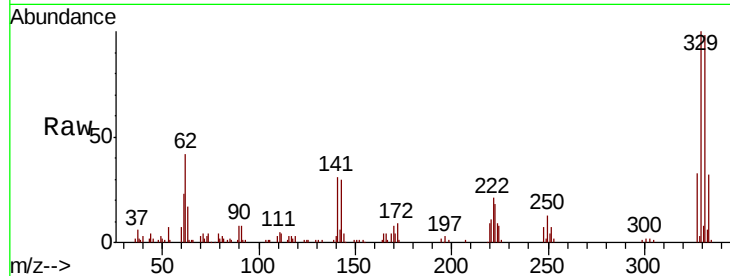




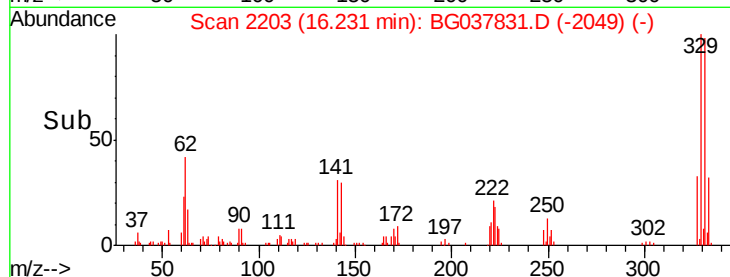
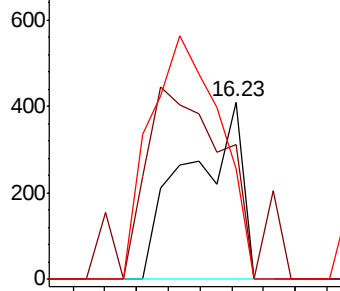
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.724 ng
 RT: 16.23 min Scan# 2203
 Delta R.T. 0.37 min
 Lab File: BG037831.D
 Acq: 6 Nov 2018 9:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 486
 Ion Ratio Lower Upper
 198 100
 51 76.3 22.7 62.7#
 105 62.0 19.7 59.7#

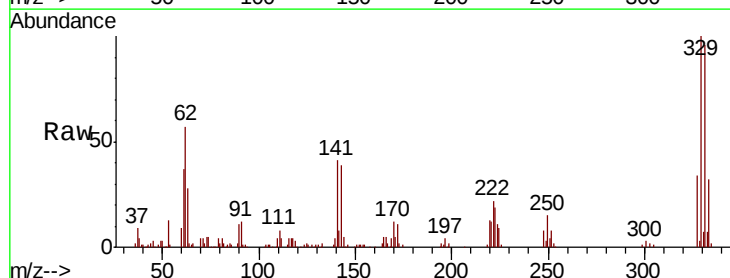


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

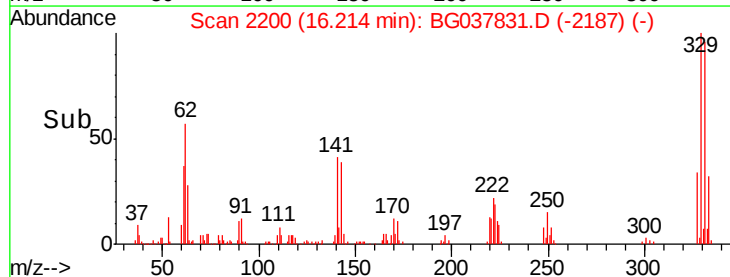
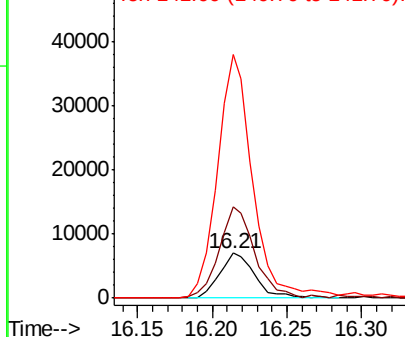


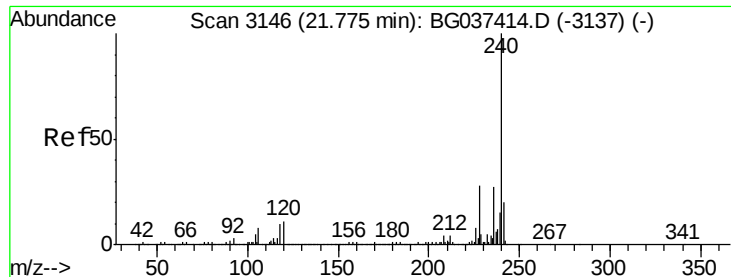
#67
 4-Bromophenyl-phenylether
 Concen: 2.990 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.46 min
 Lab File: BG037831.D
 Acq: 6 Nov 2018 9:37

Tgt Ion:248 Resp: 11581
 Ion Ratio Lower Upper
 248 100
 250 195.0 77.0 115.6#
 141 405.3 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

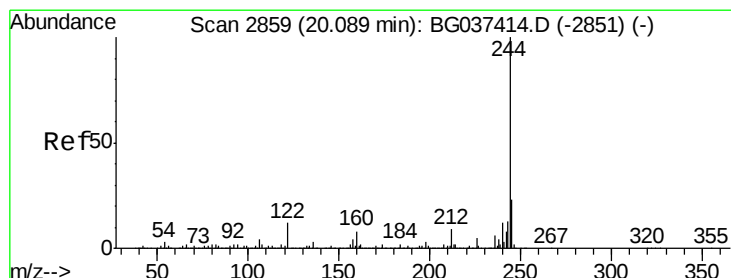
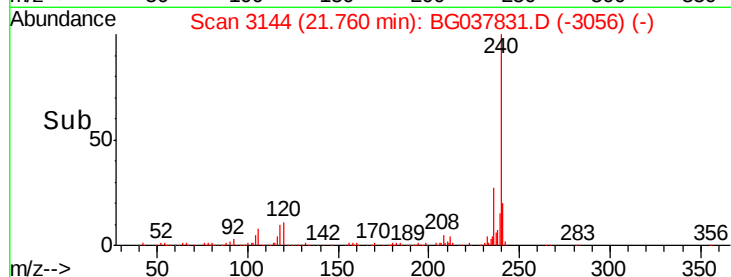
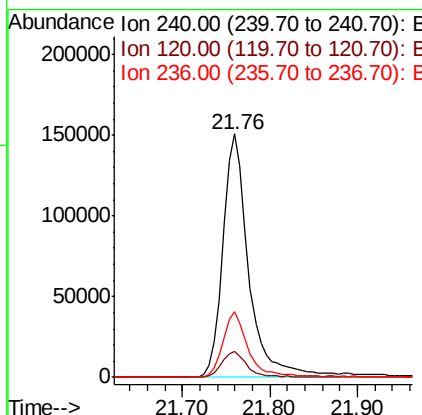
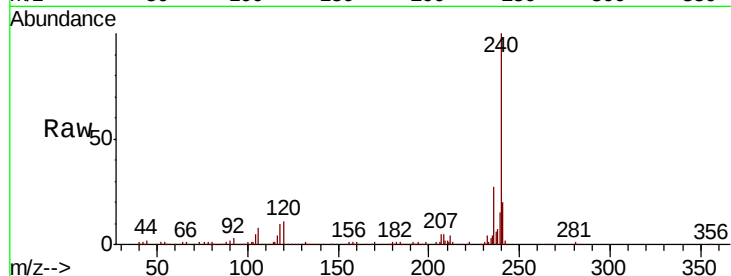




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.76 min Scan# 3144
 Delta R.T. -0.02 min
 Lab File: BG037831.D
 Acq: 6 Nov 2018 9:37

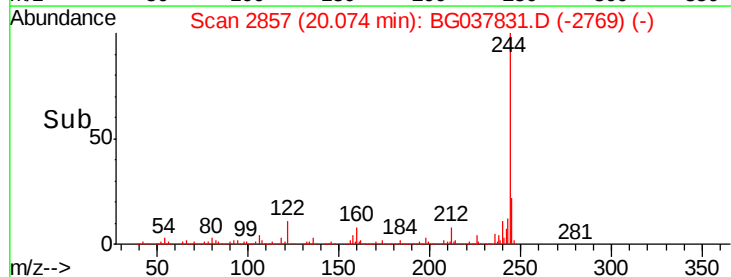
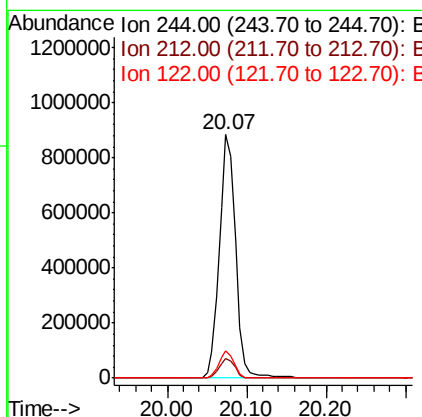
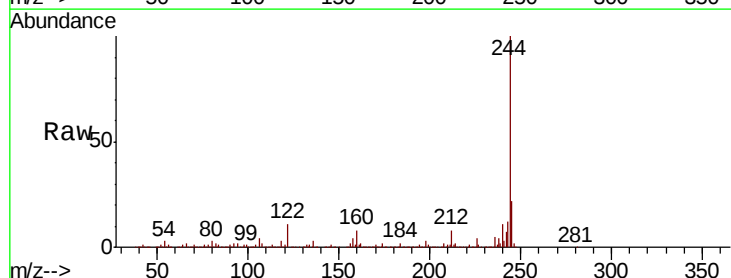
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:240 Resp: 306815
 Ion Ratio Lower Upper
 240 100
 120 10.8 8.1 12.1
 236 26.7 21.4 32.0



#79
 Terphenyl-d14
 Concen: 87.755 ng
 RT: 20.07 min Scan# 2857
 Delta R.T. -0.02 min
 Lab File: BG037831.D
 Acq: 6 Nov 2018 9:37

Tgt Ion:244 Resp: 1260062
 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: 25.09 min Scan# 3711
Delta R.T. -0.02 min
Lab File: BG037831.D
Acq: 6 Nov 2018 9:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.4
265	20.3	17.9	26.9

