

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110618\
 Data File : BG037847.D
 Acq On : 6 Nov 2018 20:41
 Operator : JU/SJ
 Sample : J5812-32
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 07 08:21:27 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

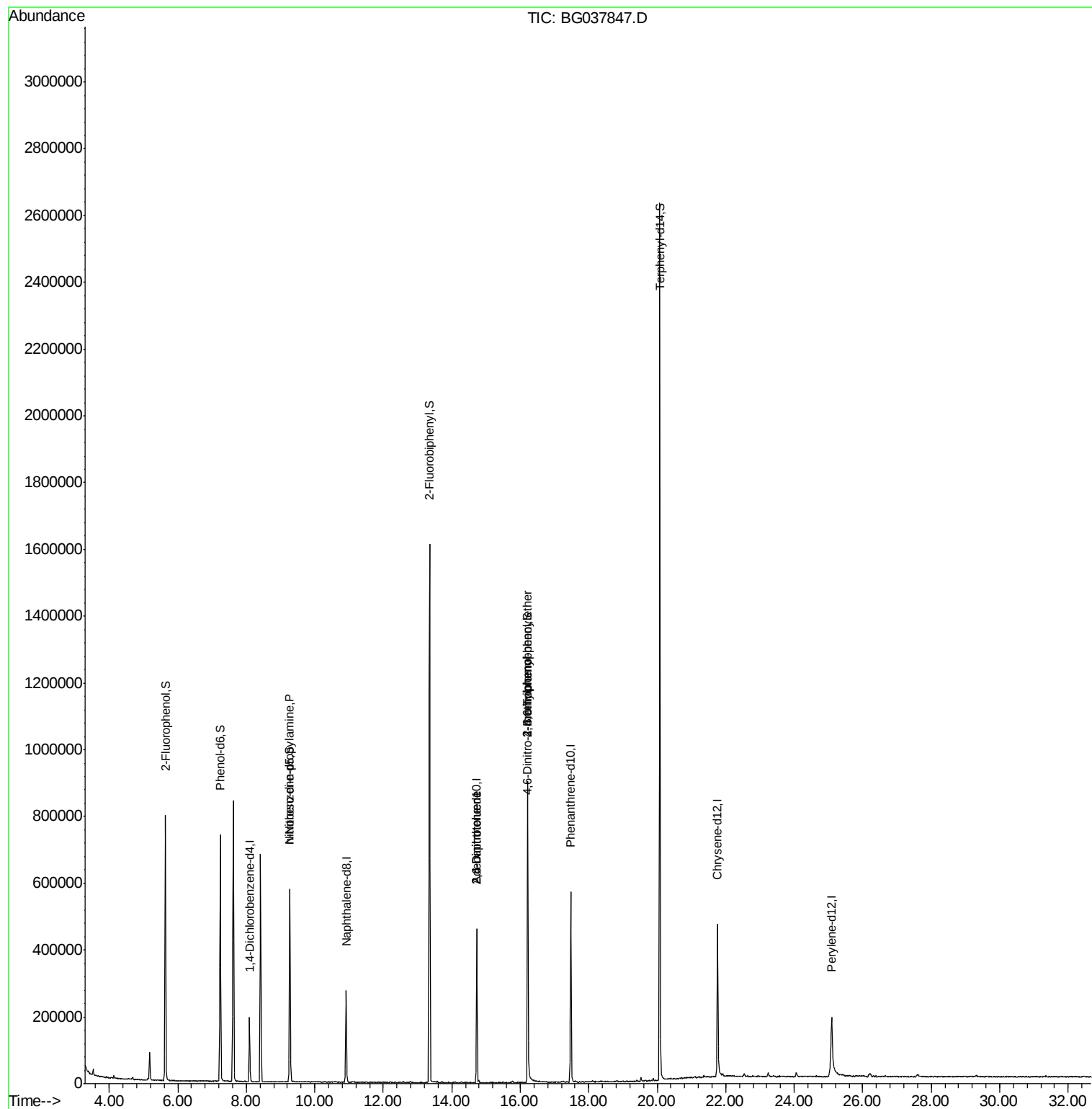
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	57388	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	252608	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	168020	20.00	ng	-0.01
64) Phenanthrene-d10	17.48	188	371135	20.00	ng	0.00
76) Chrysene-d12	21.76	240	324640	20.00	ng	-0.01
87) Perylene-d12	25.09	264	277652	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	368561	107.37	ng	0.00
7) Phenol-d6	7.24	99	485198	93.48	ng	0.00
23) Nitrobenzene-d5	9.27	82	370887	82.25	ng	-0.01
42) 2,4,6-Tribromophenol	16.21	330	186533	101.79	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	912944	81.93	ng	-0.01
79) Terphenyl-d14	20.07	244	1303319	85.78	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.27	70	46550	13.02	ng	# 74
51) 2,6-Dinitrotoluene	14.73	165	21197	7.37	ng	# 23
57) 2,4-Dinitrotoluene	14.73	165	21197	5.62	ng	# 23
65) 4,6-Dinitro-2-methylphenol	16.20	198	661	8.79	ng	# 77
67) 4-Bromophenyl-phenylether	16.21	248	13068	3.21	ng	# 1

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

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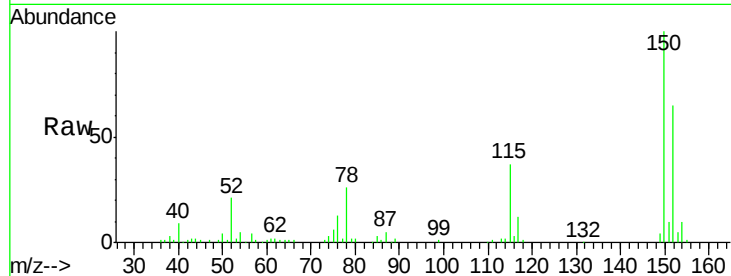


#1

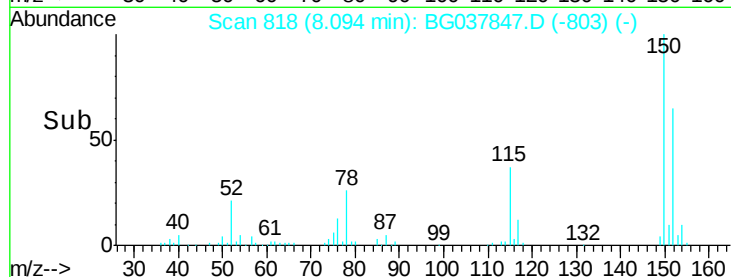
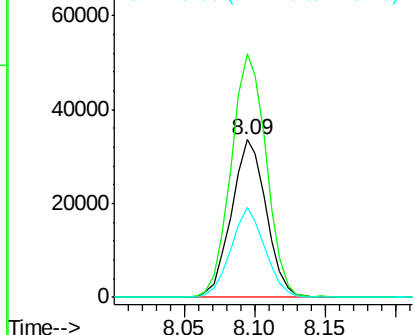
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037847.D
Acq: 6 Nov 2018 20:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 57388
Ion Ratio Lower Upper
152 100
150 154.3 126.0 189.0
115 56.8 45.5 68.3



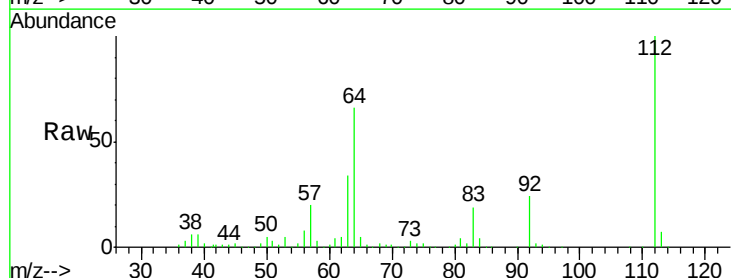
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



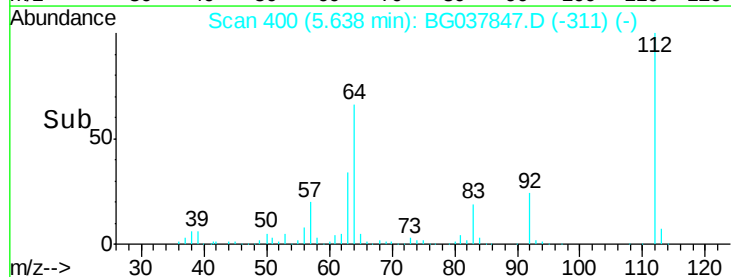
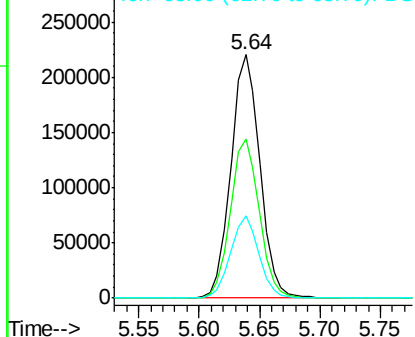
#5

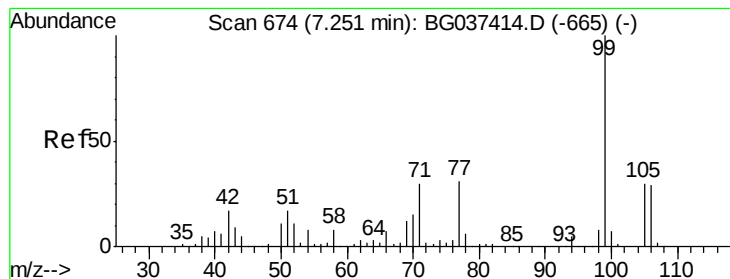
2-Fluorophenol
Concen: 107.37 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037847.D
Acq: 6 Nov 2018 20:41

Tgt Ion:112 Resp: 368561
Ion Ratio Lower Upper
112 100
64 65.5 53.1 79.7
63 33.8 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 93.48 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037847.D

Acq: 6 Nov 2018 20:41

Instrument :

BNA_G

ClientSampleId :

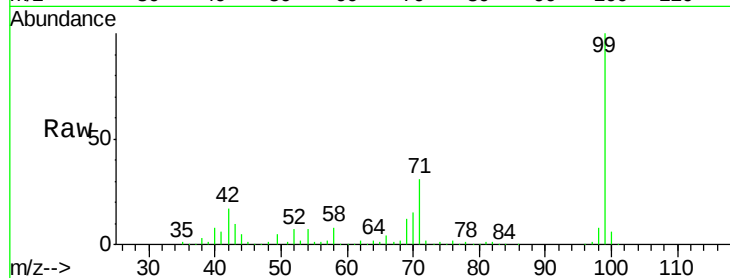
Tot Ion: 99 Resp: 485198

Ion Ratio Lower Upper

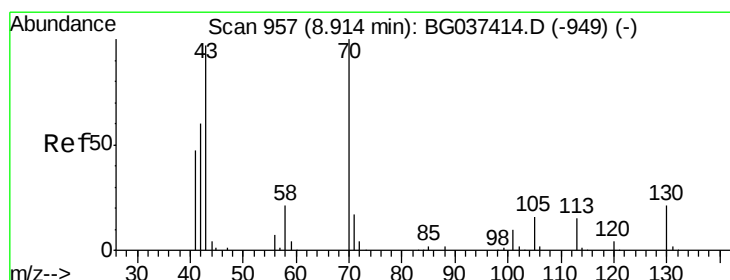
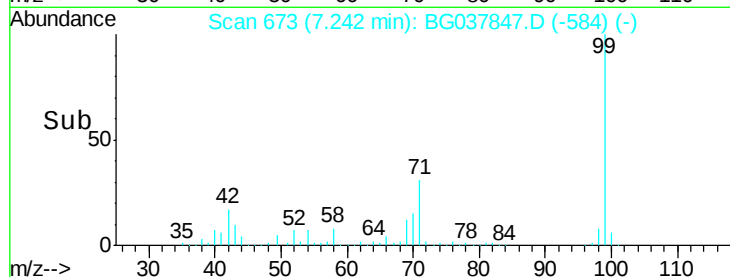
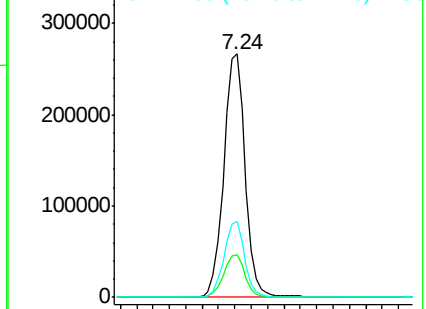
99 100

42 17.4 15.0 22.4

71 31.0 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: 13.02 ng

RT: 9.27 min Scan# 1018

Delta R.T. 0.36 min

Lab File: BG037847.D

Acq: 6 Nov 2018 20:41

Tgt Ion: 70 Resp: 46550

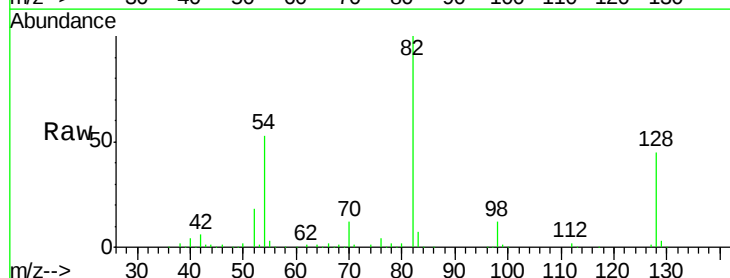
Ion Ratio Lower Upper

70 100

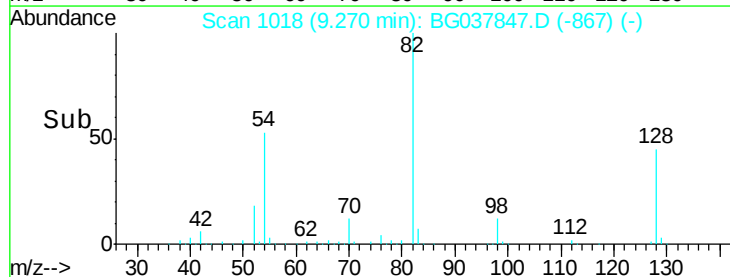
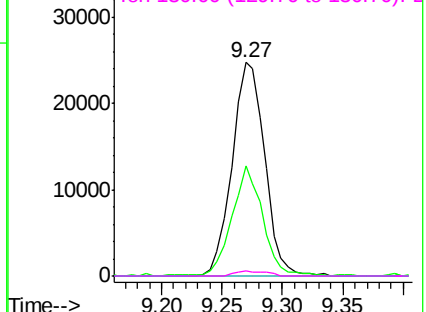
42 51.6 53.9 80.9#

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

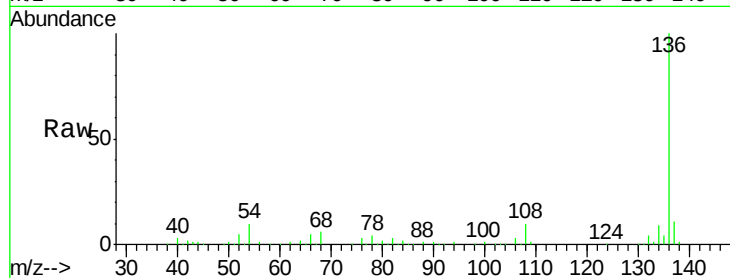




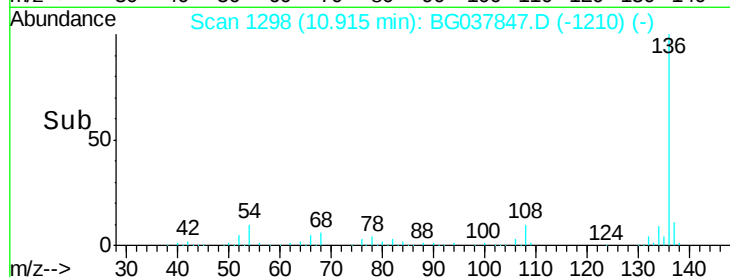
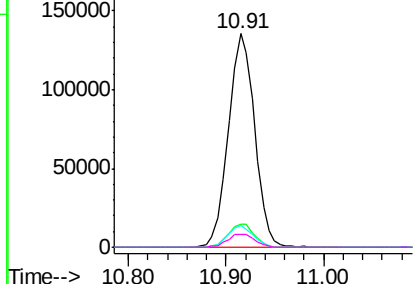
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG037847.D
Acq: 6 Nov 2018 20:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	252608
Ion	Ratio	Lower Upper
136	100	
137	10.7	9.6 14.4
54	10.1	7.9 11.9
68	5.9	4.8 7.2

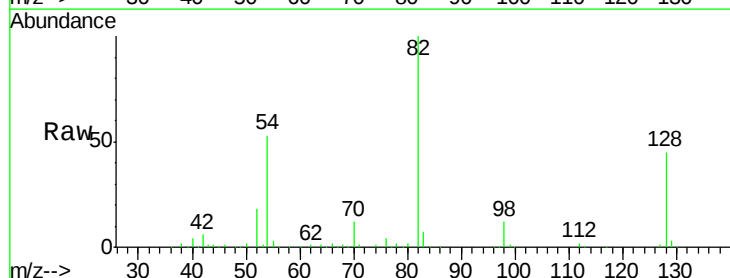


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

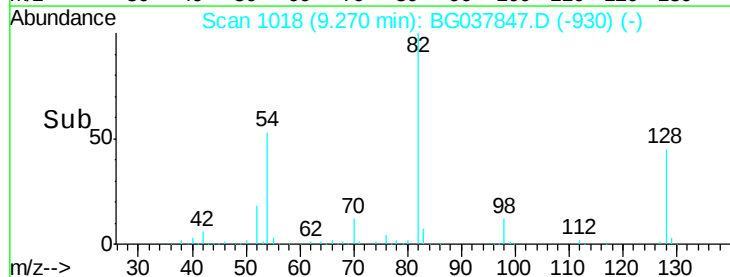
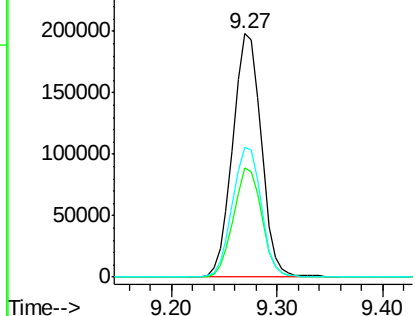


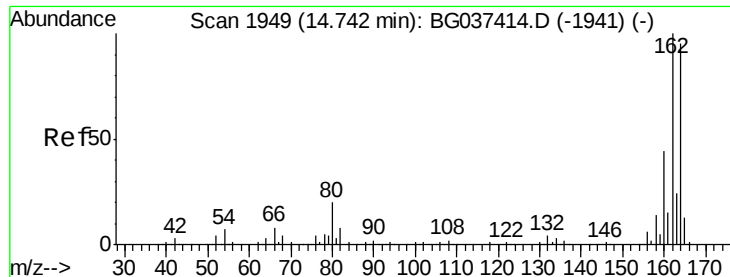
#23
Nitrobenzene-d5
Concen: 82.25 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG037847.D
Acq: 6 Nov 2018 20:41

Tgt Ion: 82	Resp:	370887
Ion	Ratio	Lower Upper
82	100	
128	44.7	34.6 51.8
54	53.3	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. -0.01 min

Lab File: BG037847.D

Acq: 6 Nov 2018 20:41

Instrument :

BNA_G

ClientSampleId :

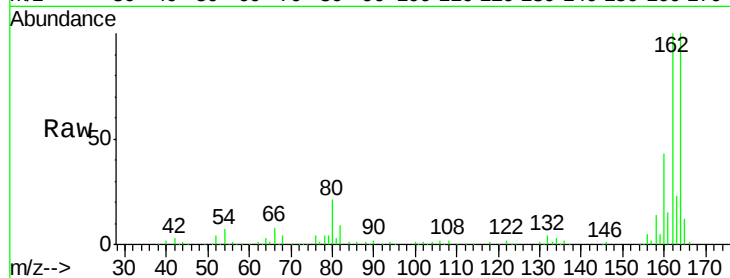
Tot Ion:164 Resp: 168020

Ion Ratio Lower Upper

164 100

162 100.5 81.3 121.9

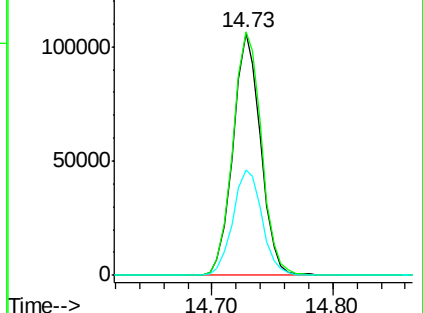
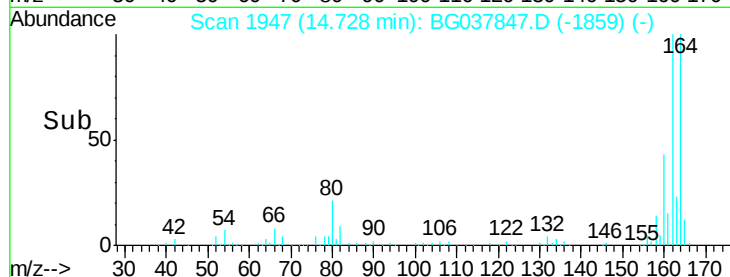
160 43.6 36.3 54.5



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: 101.79 ng

RT: 16.21 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG037847.D

Acq: 6 Nov 2018 20:41

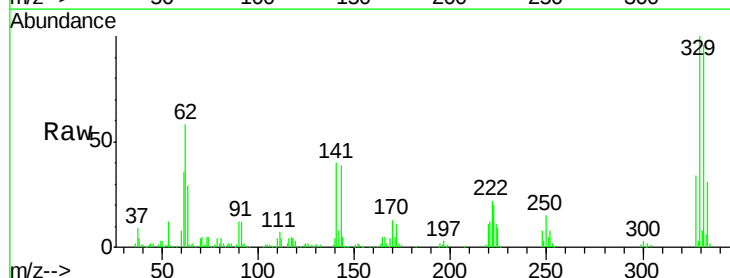
Tgt Ion:330 Resp: 186533

Ion Ratio Lower Upper

330 100

332 94.4 78.4 117.6

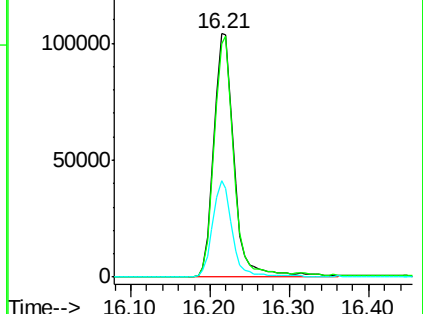
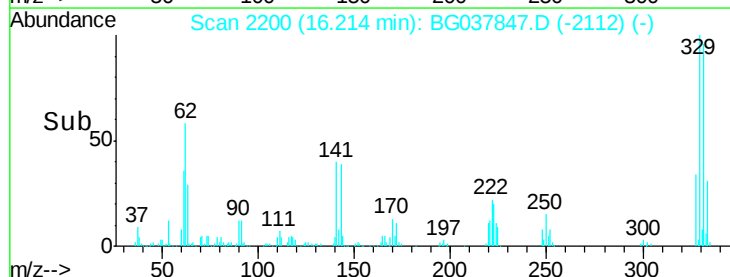
141 38.2 32.2 48.2



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

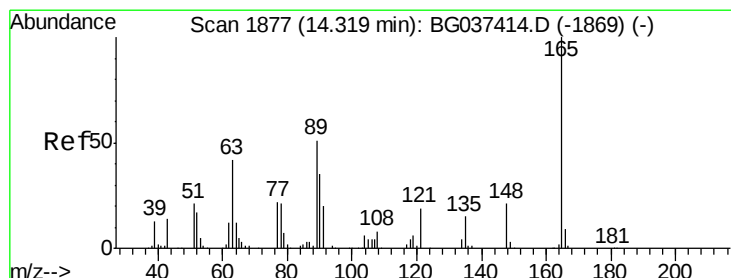
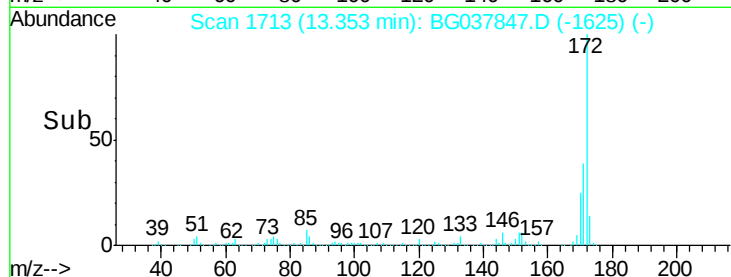
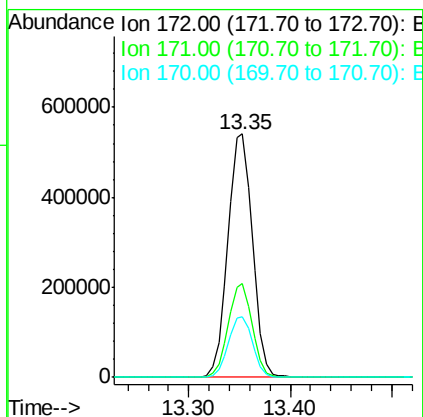
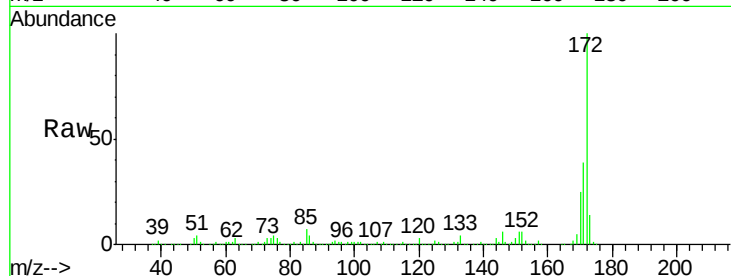




#45
2-Fluorobiphenyl
Concen: 81.93 ng
RT: 13.35 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG037847.D
Acq: 6 Nov 2018 20:41

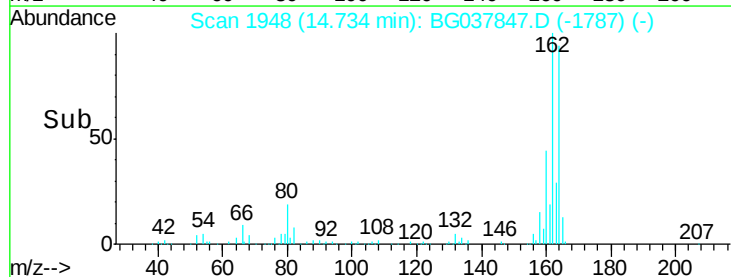
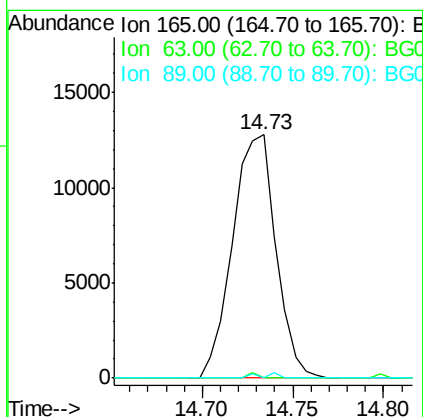
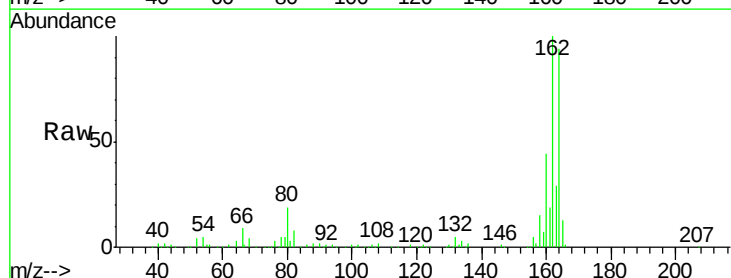
Instrument :
BNA_G
ClientSampleId :

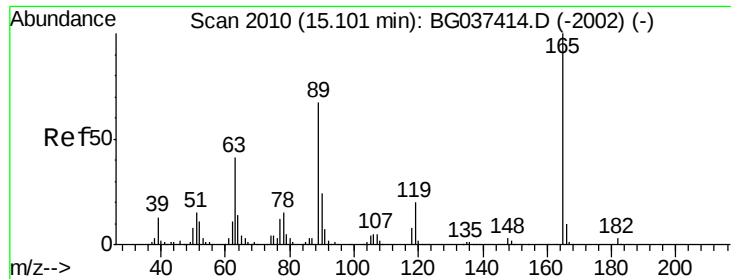
Tot Ion:172 Resp: 912944
Ion Ratio Lower Upper
172 100
171 38.5 31.0 46.4
170 24.9 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 7.37 ng
RT: 14.73 min Scan# 1948
Delta R.T. 0.41 min
Lab File: BG037847.D
Acq: 6 Nov 2018 20:41

Tgt Ion:165 Resp: 21197
Ion Ratio Lower Upper
165 100
63 0.0 43.4 65.2#
89 0.0 45.8 68.6#

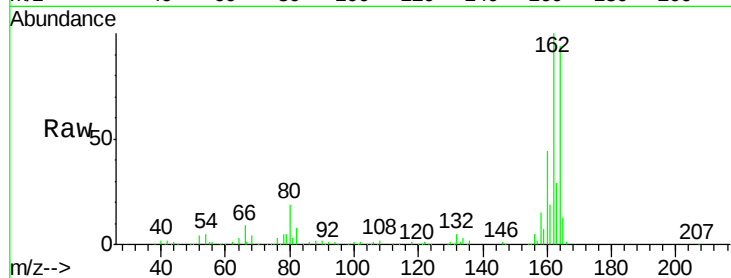




#57
 2,4-Dinitrotoluene
 Concen: 5.62 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.37 min
 Lab File: BG037847.D
 Acq: 6 Nov 2018 20:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165	Resp:	21197
Ion Ratio	Lower	Upper
165	100	
63	0.0	33.4 50.0#
89	0.0	57.2 85.8#
182	0.0	2.6 4.0#

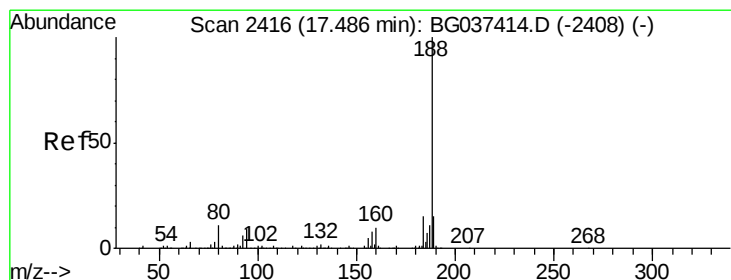
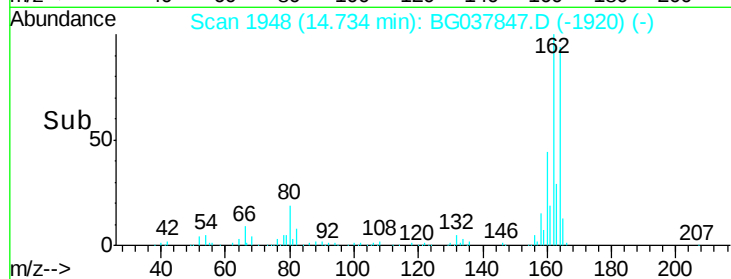
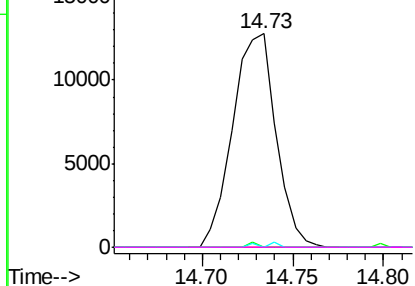


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

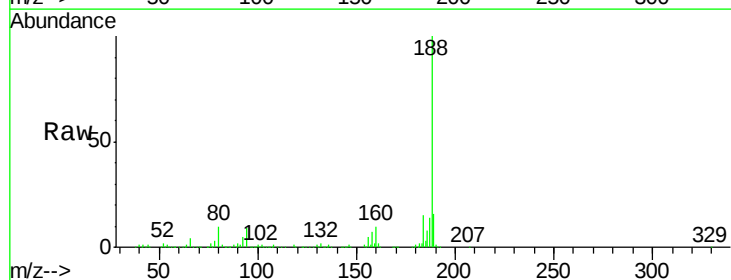
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.48 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BG037847.D
 Acq: 6 Nov 2018 20:41

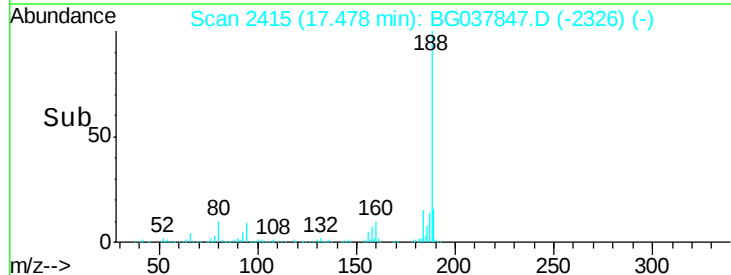
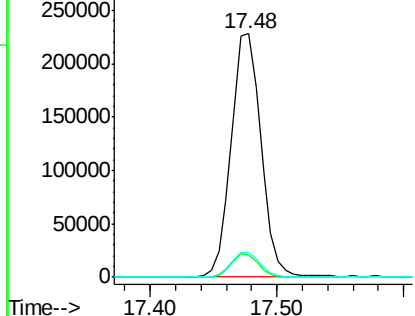
Tgt Ion:188	Resp:	371135
Ion Ratio	Lower	Upper
188	100	
94	9.1	7.2 10.8
80	10.0	7.7 11.5



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

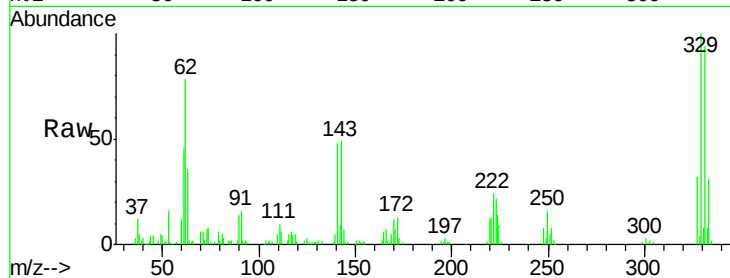




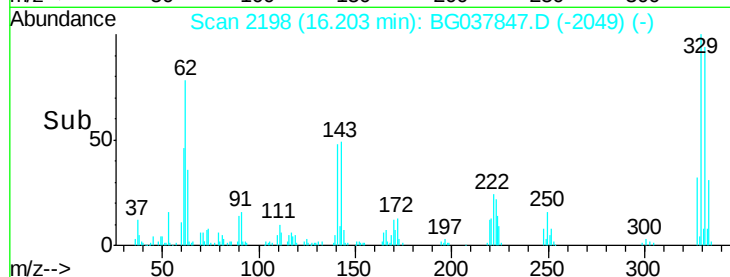
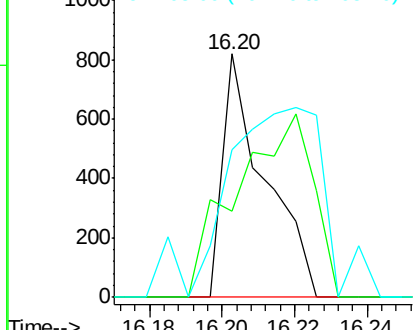
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.79 ng
 RT: 16.20 min Scan# 2198
 Delta R.T. 0.34 min
 Lab File: BG037847.D
 Acq: 6 Nov 2018 20:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 661
 Ion Ratio Lower Upper
 198 100
 51 35.1 22.7 62.7
 105 60.9 19.7 59.7#

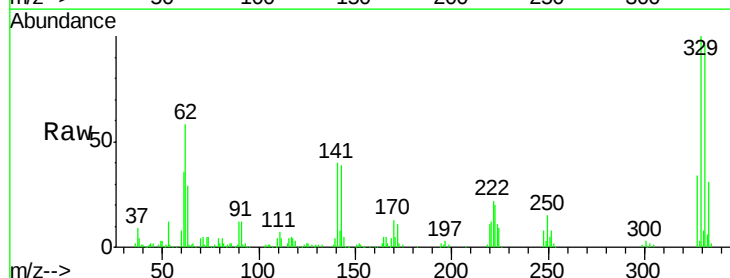


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

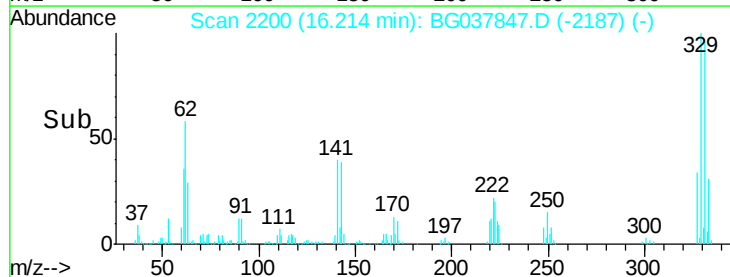
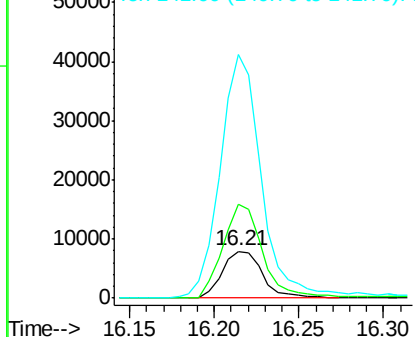


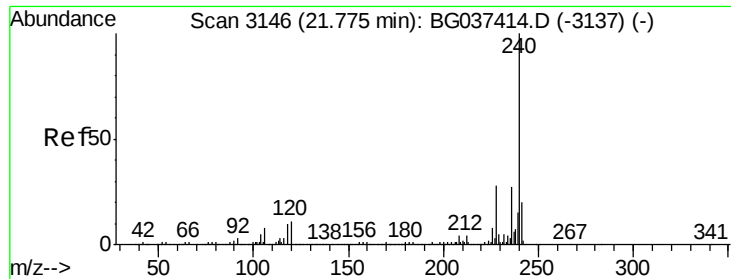
#67
 4-Bromophenyl-phenylether
 Concen: 3.21 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.46 min
 Lab File: BG037847.D
 Acq: 6 Nov 2018 20:41

Tgt Ion:248 Resp: 13068
 Ion Ratio Lower Upper
 248 100
 250 197.0 77.0 115.6#
 141 389.1 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

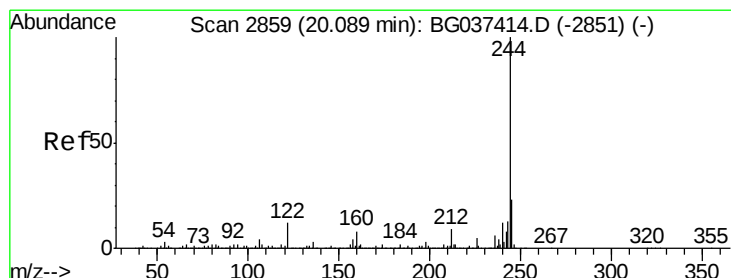
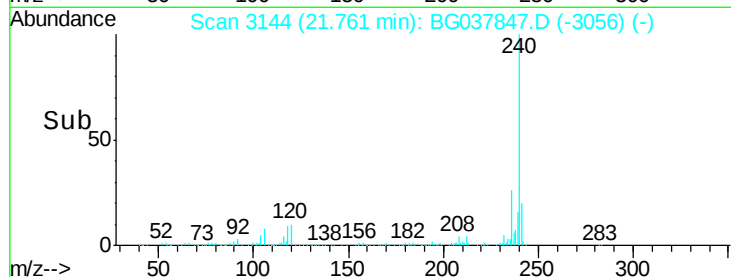
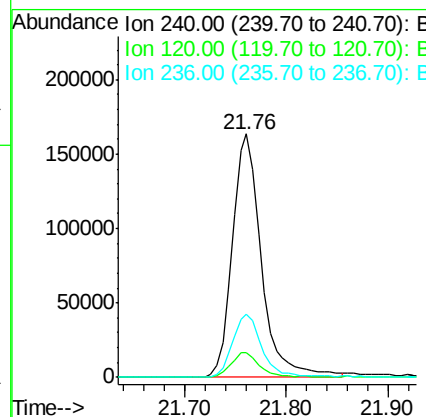
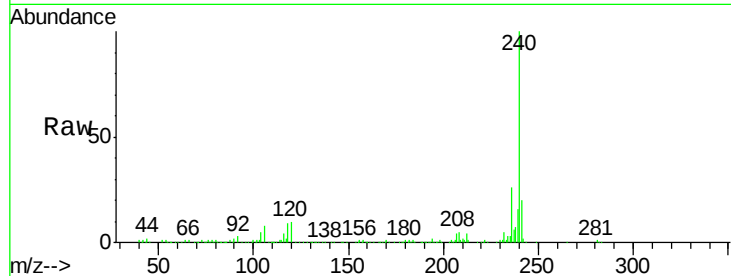




#76
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 21.76 min Scan# 3144
 Delta R.T. -0.01 min
 Lab File: BG037847.D
 Acq: 6 Nov 2018 20:41

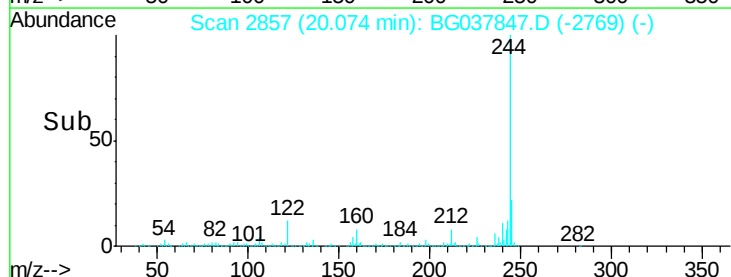
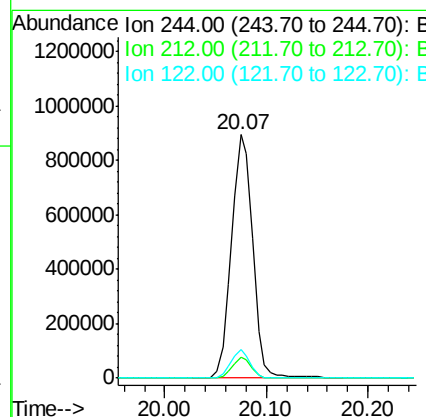
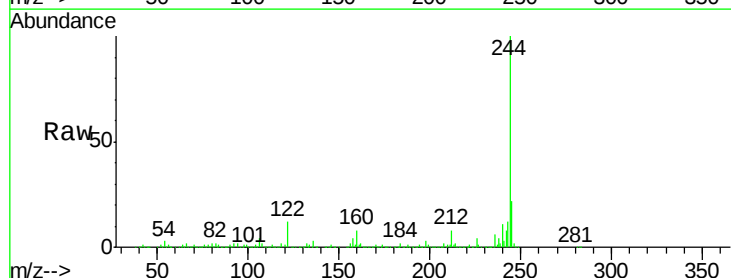
Instrument :
 BNA_G
 ClientSampleId :

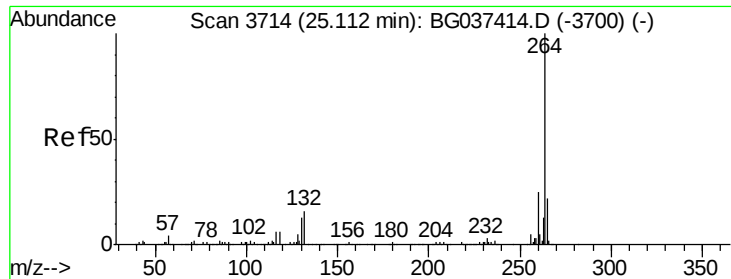
Tot Ion:240 Resp: 324640
 Ion Ratio Lower Upper
 240 100
 120 10.2 8.1 12.1
 236 26.1 21.4 32.0



#79
 Terphenyl-d14
 Concen: 85.78 ng
 RT: 20.07 min Scan# 2857
 Delta R.T. -0.01 min
 Lab File: BG037847.D
 Acq: 6 Nov 2018 20:41

Tgt Ion:244 Resp: 1303319
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.5 9.7
 122 11.7 9.0 13.4

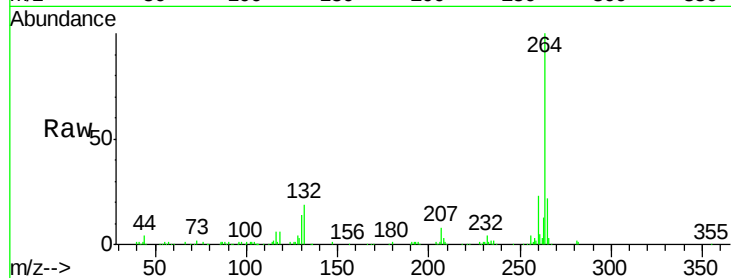




#87
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.09 min Scan# 3711
 Delta R.T. -0.02 min
 Lab File: BG037847.D
 Acq: 6 Nov 2018 20:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.2	27.4
265	21.6	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

