

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110618\
 Data File : BG037850.D
 Acq On : 6 Nov 2018 22:38
 Operator : JU/SJ
 Sample : J5764-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 07 08:21:53 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

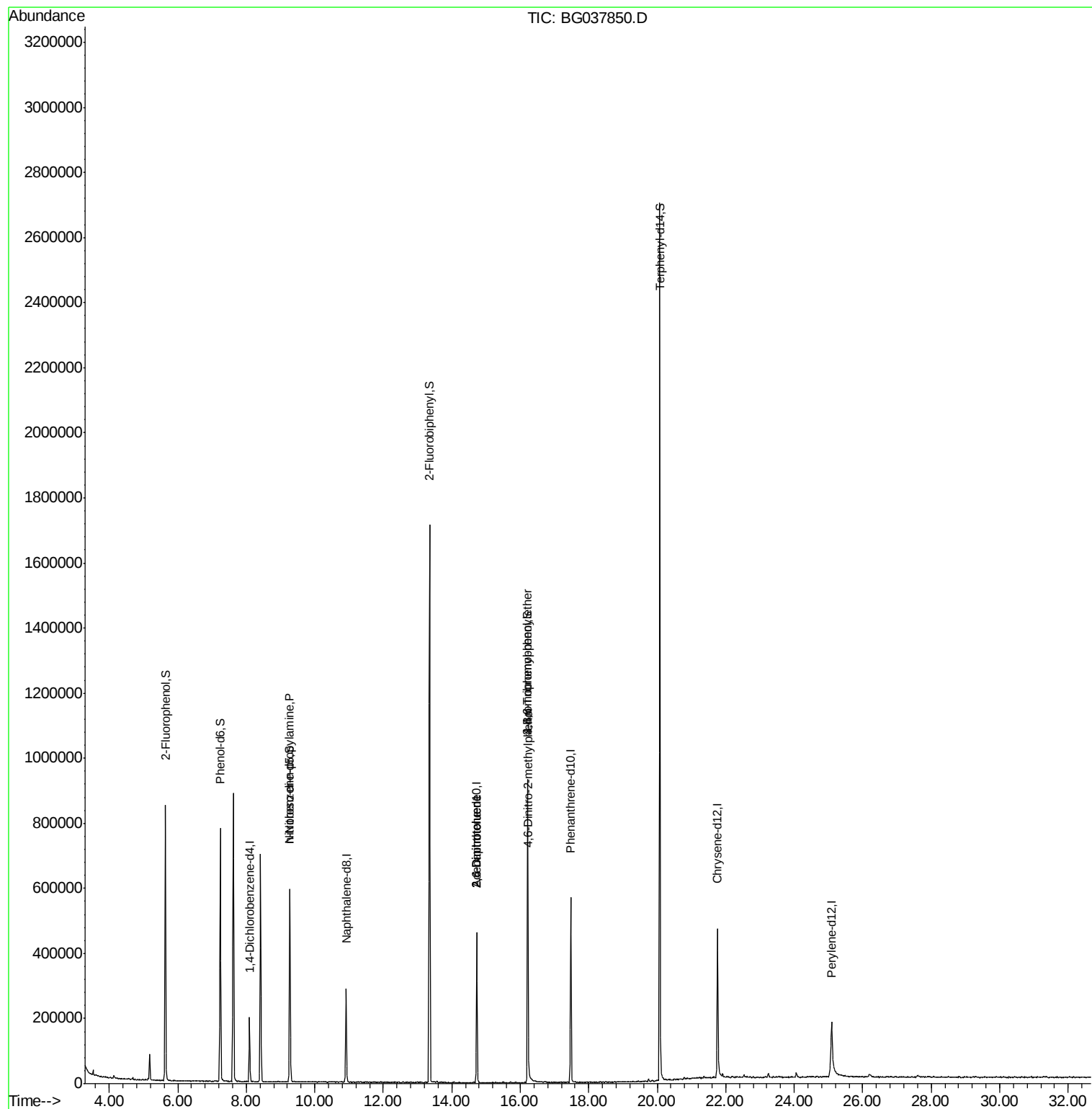
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	57286	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	259368	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	168078	20.00	ng	-0.02
64) Phenanthrene-d10	17.48	188	372118	20.00	ng	0.00
76) Chrysene-d12	21.76	240	333620	20.00	ng	-0.02
87) Perylene-d12	25.09	264	277650	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	390535	113.98	ng	0.00
7) Phenol-d6	7.24	99	513348	99.08	ng	0.00
23) Nitrobenzene-d5	9.27	82	387639	83.72	ng	-0.02
42) 2,4,6-Tribromophenol	16.21	330	189890	103.58	ng	-0.02
45) 2-Fluorobiphenyl	13.35	172	943763	84.67	ng	-0.02
79) Terphenyl-d14	20.07	244	1332509	85.34	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.27	70	48905	13.71	ng	# 69
51) 2,6-Dinitrotoluene	14.73	165	22145	7.70	ng	# 25
57) 2,4-Dinitrotoluene	14.73	165	22145	5.86	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.23	198	637	8.78	ng	86
67) 4-Bromophenyl-phenylether	16.21	248	13713	3.36	ng	# 1

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

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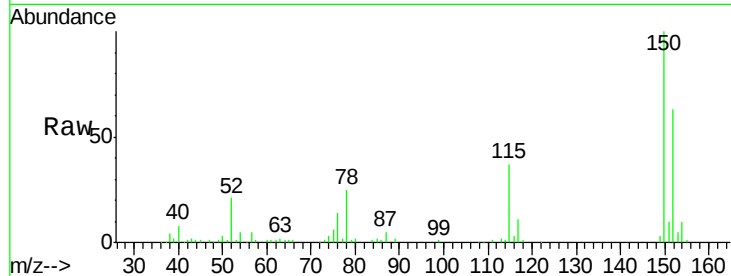


#1

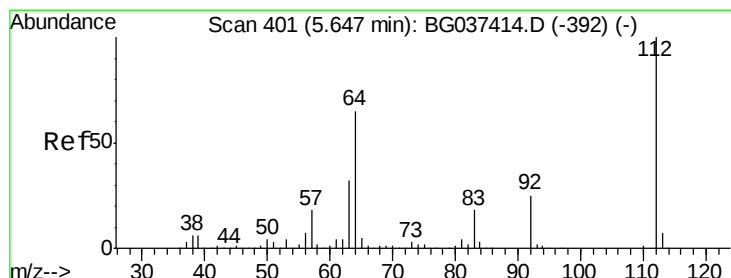
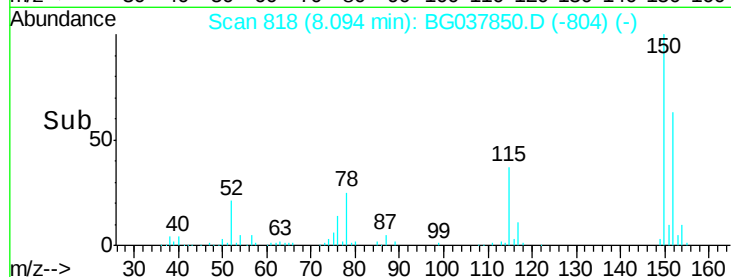
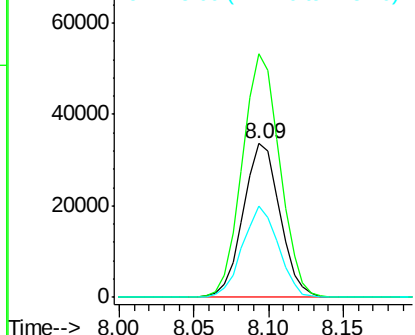
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.02 min
Lab File: BG037850.D
Acq: 6 Nov 2018 22:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 57286
Ion Ratio Lower Upper
152 100
150 158.1 126.0 189.0
115 58.9 45.5 68.3



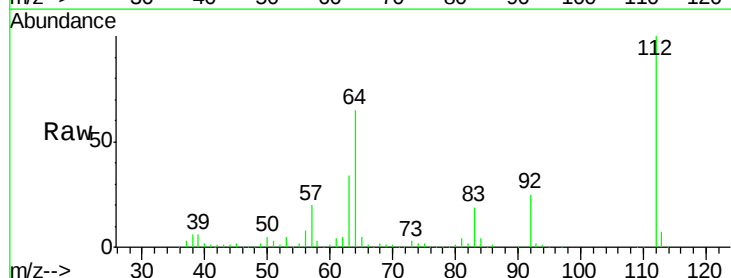
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



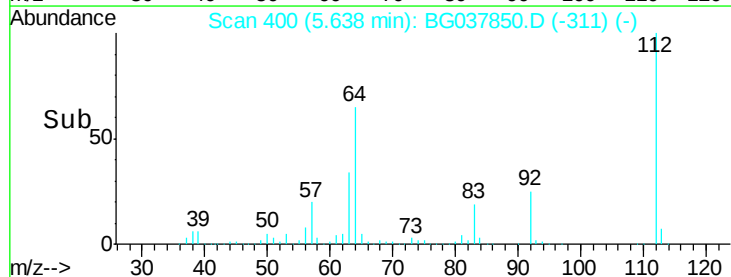
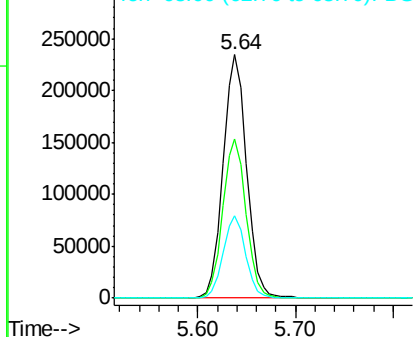
#5

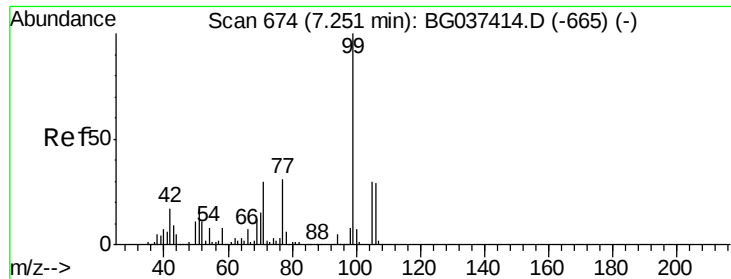
2-Fluorophenol
Concen: 113.98 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037850.D
Acq: 6 Nov 2018 22:38

Tgt Ion:112 Resp: 390535
Ion Ratio Lower Upper
112 100
64 65.4 53.1 79.7
63 33.7 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: 99.08 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037850.D

Acq: 6 Nov 2018 22:38

Instrument :

BNA_G

ClientSampleId :

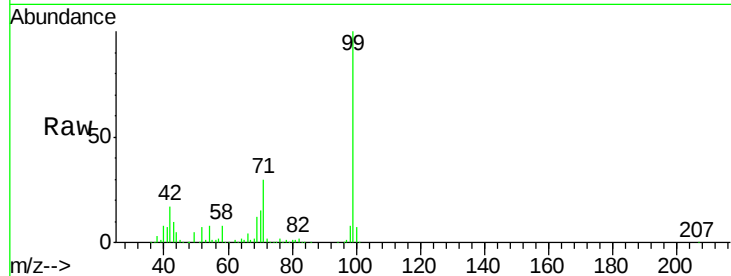
Tot Ion: 99 Resp: 513348

Ion Ratio Lower Upper

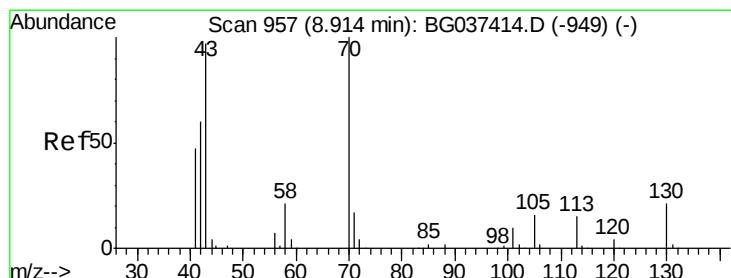
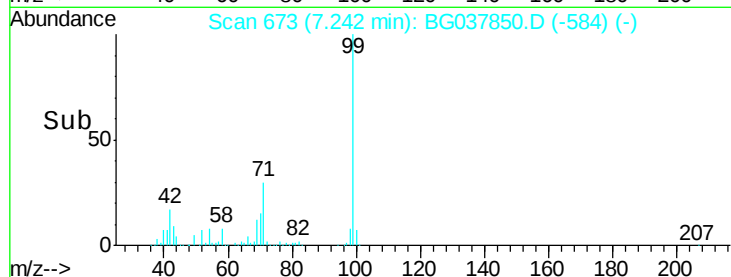
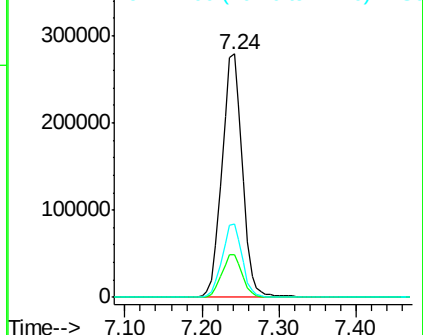
99 100

42 17.5 15.0 22.4

71 30.3 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: 13.71 ng

RT: 9.27 min Scan# 1018

Delta R.T. 0.35 min

Lab File: BG037850.D

Acq: 6 Nov 2018 22:38

Tgt Ion: 70 Resp: 48905

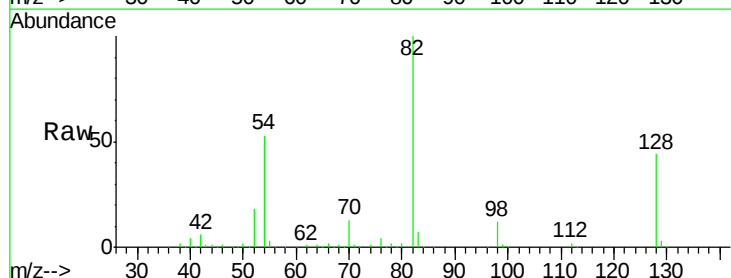
Ion Ratio Lower Upper

70 100

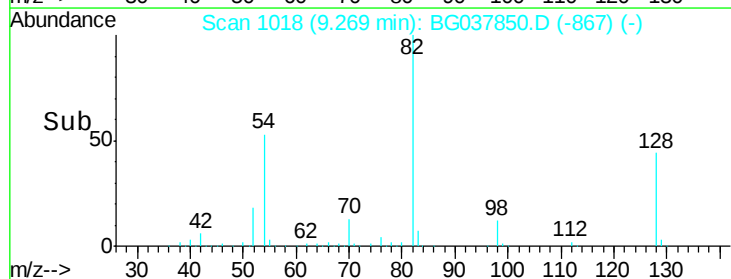
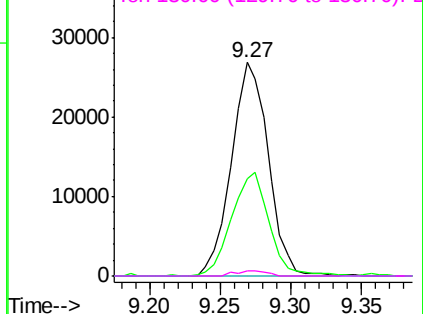
42 45.6 53.9 80.9#

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

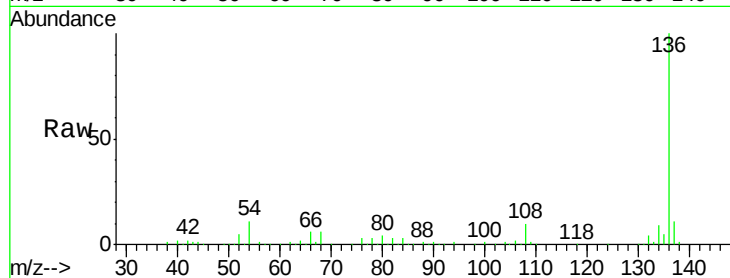




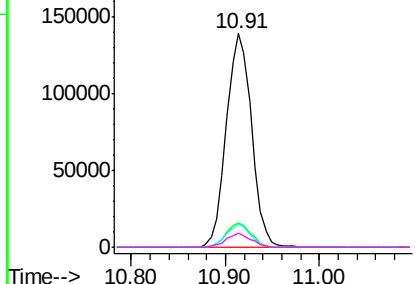
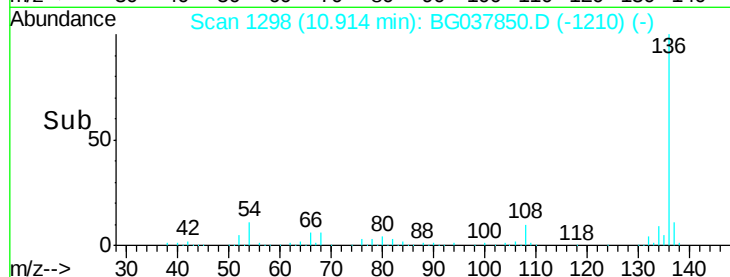
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BG037850.D
Acq: 6 Nov 2018 22:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	259368
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.6 14.4
54	10.6	7.9 11.9
68	6.5	4.8 7.2

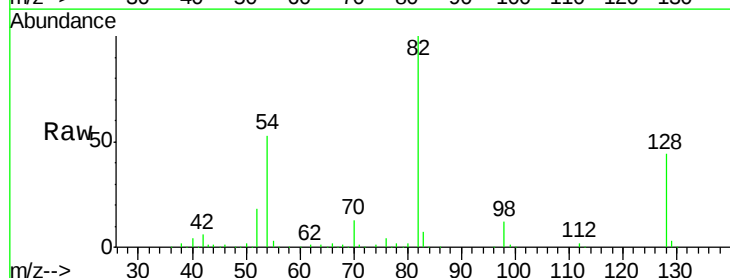


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

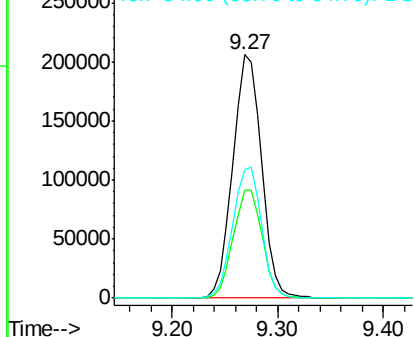
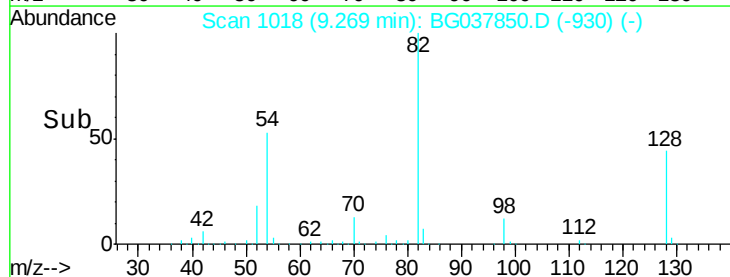


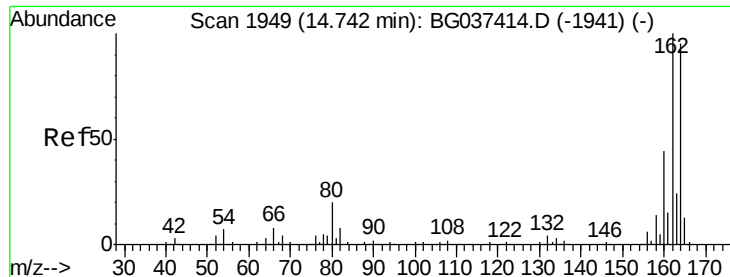
#23
Nitrobenzene-d5
Concen: 83.72 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.02 min
Lab File: BG037850.D
Acq: 6 Nov 2018 22:38

Tgt Ion: 82	Resp:	387639
Ion Ratio	Lower	Upper
82	100	
128	44.2	34.6 51.8
54	52.9	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: BG037850.D

Acq: 6 Nov 2018 22:38

Instrument :

BNA_G

ClientSampleId :

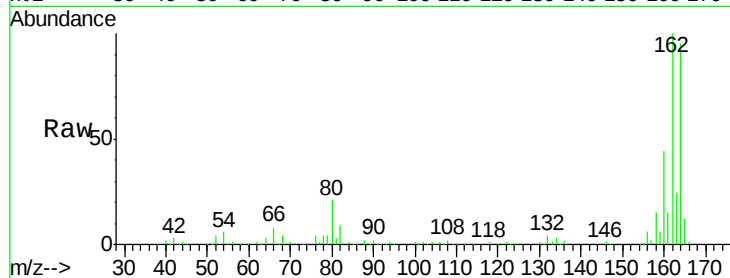
Tot Ion:164 Resp: 168078

Ion Ratio Lower Upper

164 100

162 105.5 81.3 121.9

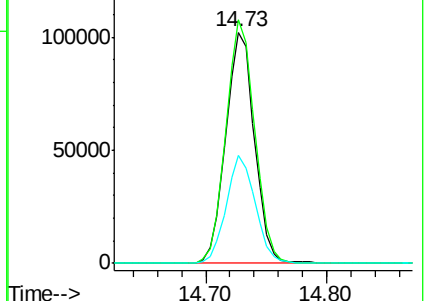
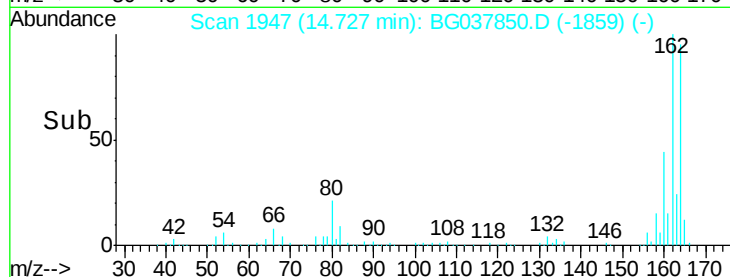
160 46.6 36.3 54.5



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: 103.58 ng

RT: 16.21 min Scan# 2200

Delta R.T. -0.02 min

Lab File: BG037850.D

Acq: 6 Nov 2018 22:38

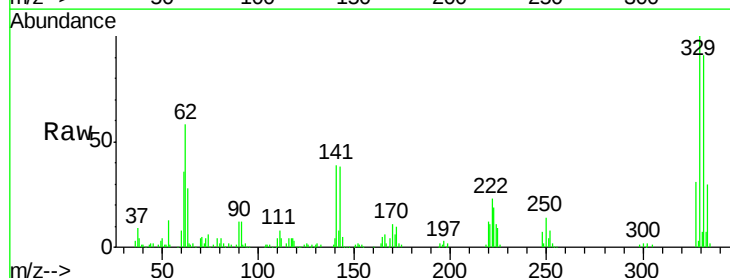
Tgt Ion:330 Resp: 189890

Ion Ratio Lower Upper

330 100

332 95.4 78.4 117.6

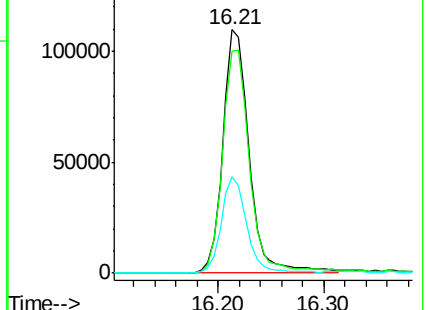
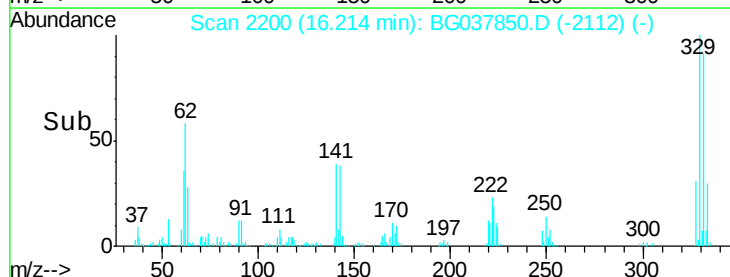
141 38.6 32.2 48.2



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

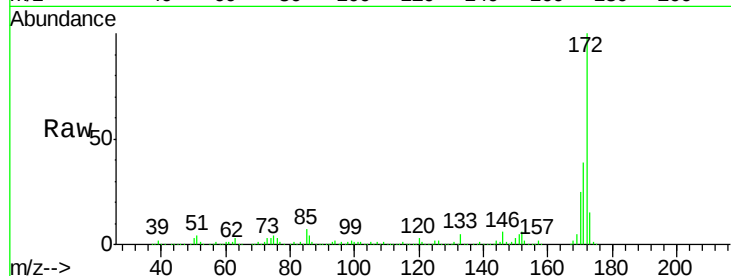




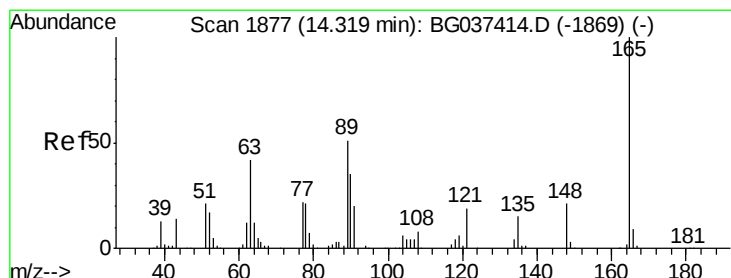
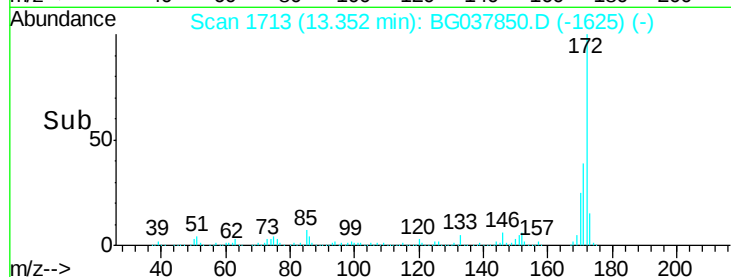
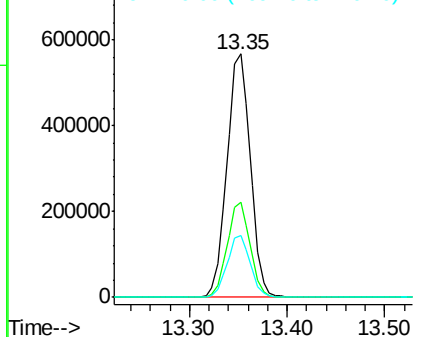
#45
 2-Fluorobiphenyl
 Concen: 84.67 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.02 min
 Lab File: BG037850.D
 Acq: 6 Nov 2018 22:38

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 943763
 Ion Ratio Lower Upper
 172 100
 171 39.2 31.0 46.4
 170 25.2 20.2 30.2

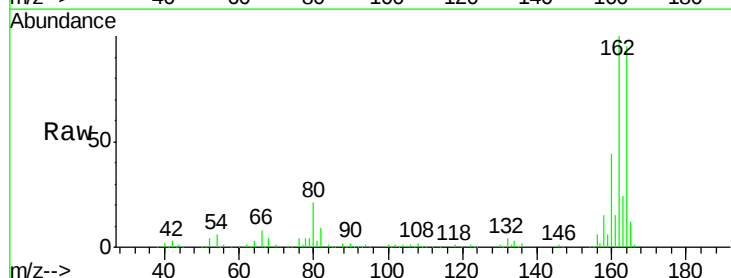


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

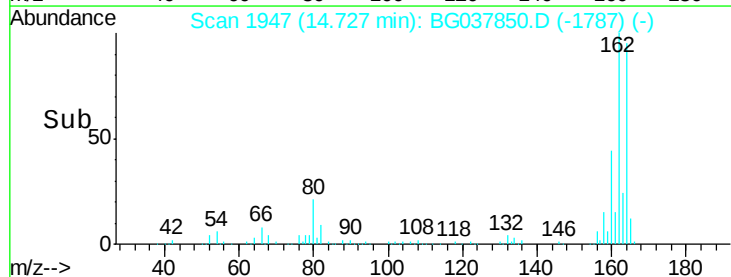
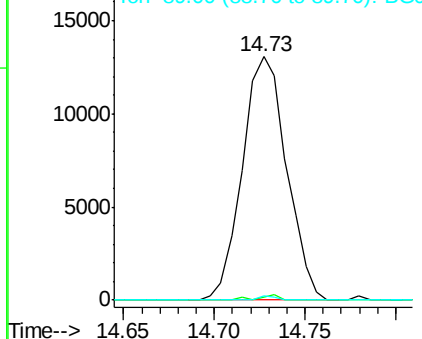


#51
 2,6-Dinitrotoluene
 Concen: 7.70 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. 0.41 min
 Lab File: BG037850.D
 Acq: 6 Nov 2018 22:38

Tgt Ion:165 Resp: 22145
 Ion Ratio Lower Upper
 165 100
 63 1.2 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): BG0
 Ion 89.00 (88.70 to 89.70): BG0

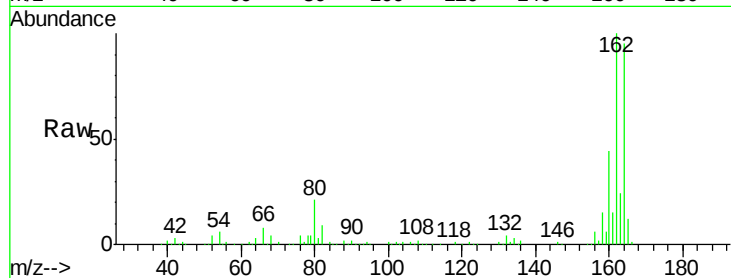




#57
2,4-Dinitrotoluene
Concen: 5.86 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.37 min
Lab File: BG037850.D
Acq: 6 Nov 2018 22:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	33.4	50.0#
89	1.6	57.2	85.8#
182	0.0	2.6	4.0#

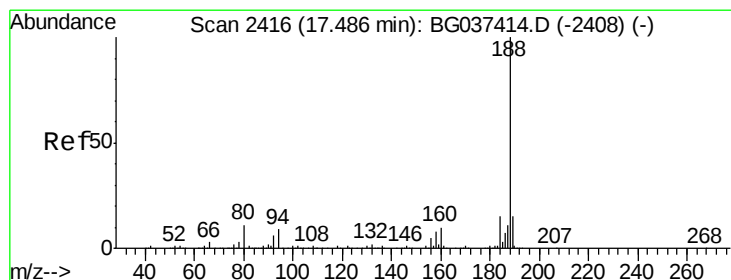
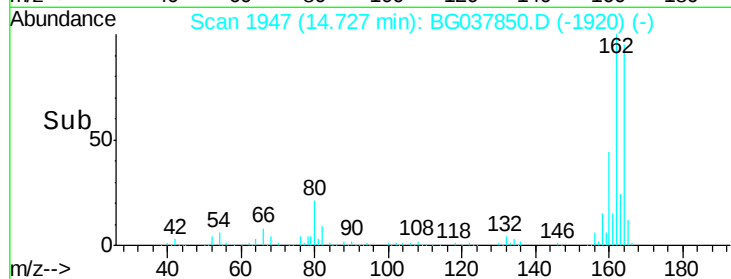
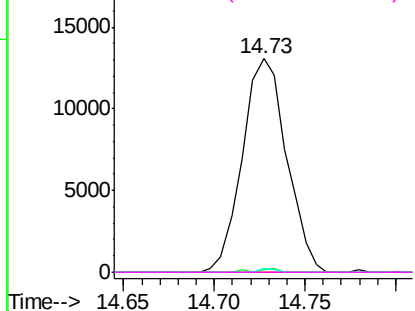


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

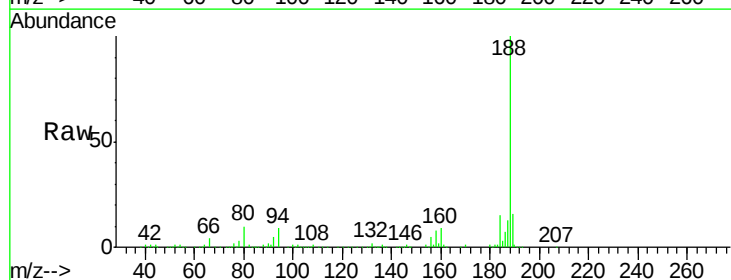
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037850.D
Acq: 6 Nov 2018 22:38

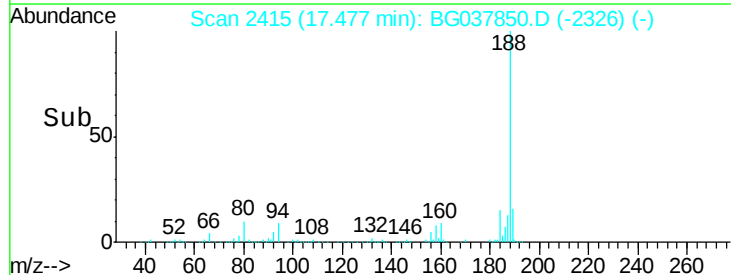
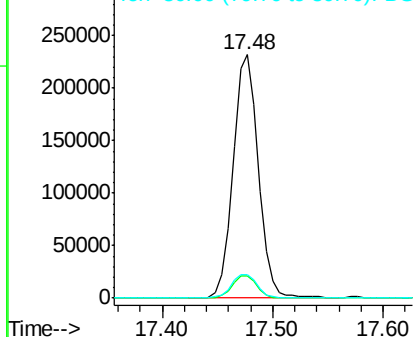
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.2	10.8
80	9.8	7.7	11.5



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

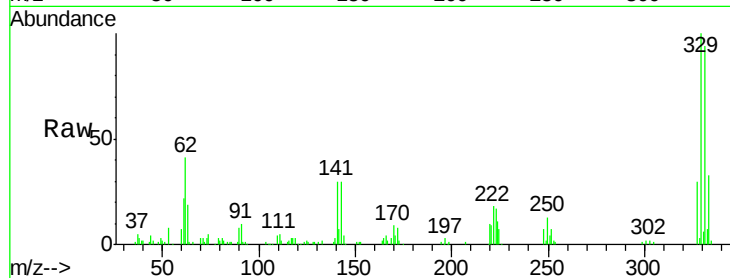




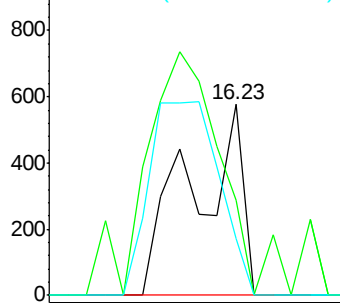
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.78 ng
 RT: 16.23 min Scan# 2203
 Delta R.T. 0.37 min
 Lab File: BG037850.D
 Acq: 6 Nov 2018 22:38

Instrument :
 BNA_G
 ClientSampled :

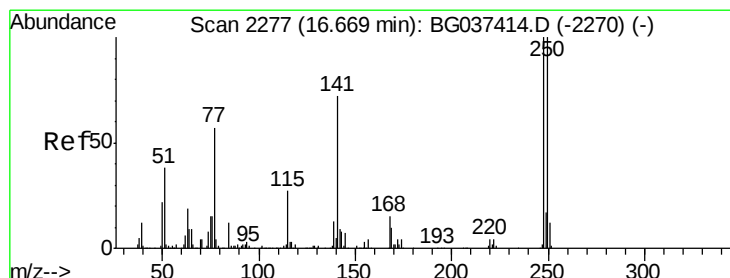
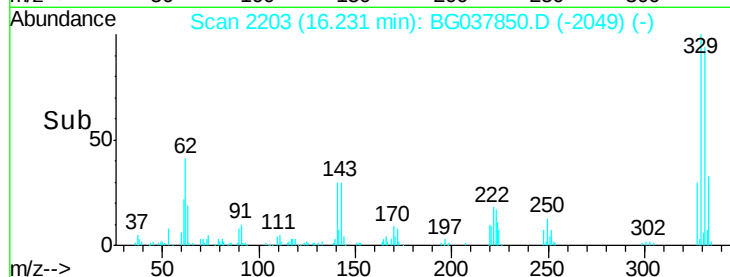
Tot Ion:198 Resp: 637
 Ion Ratio Lower Upper
 198 100
 51 50.2 22.7 62.7
 105 29.9 19.7 59.7



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

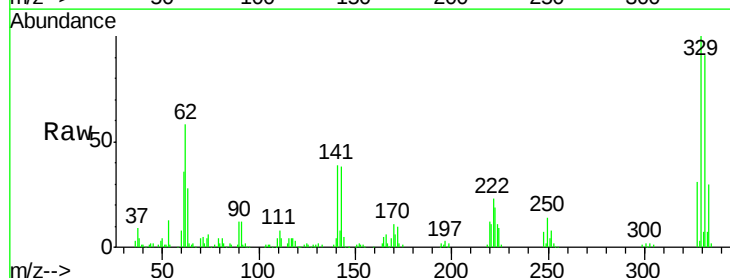


Time-->

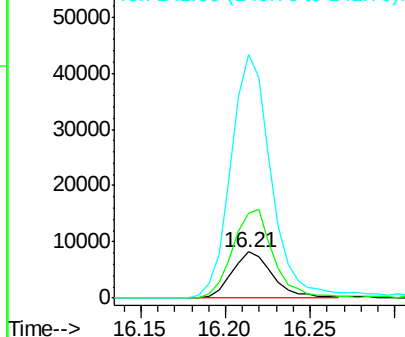


#67
 4-Bromophenyl-phenylether
 Concen: 3.36 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.46 min
 Lab File: BG037850.D
 Acq: 6 Nov 2018 22:38

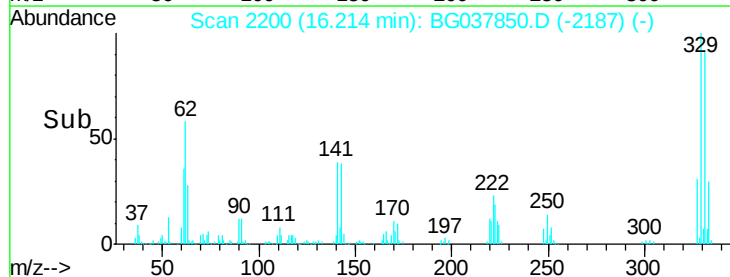
Tgt Ion:248 Resp: 13713
 Ion Ratio Lower Upper
 248 100
 250 191.2 77.0 115.6#
 141 417.4 55.5 83.3#

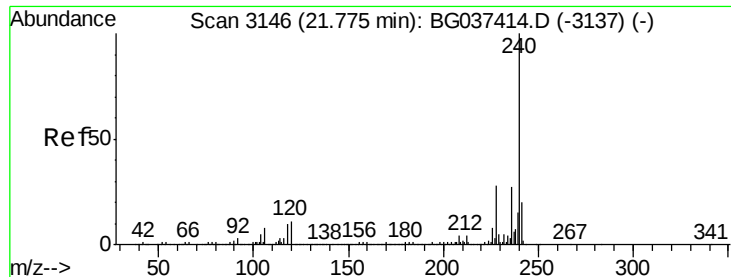


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E



Time-->

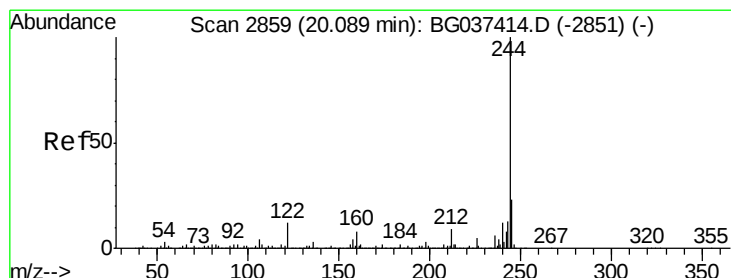
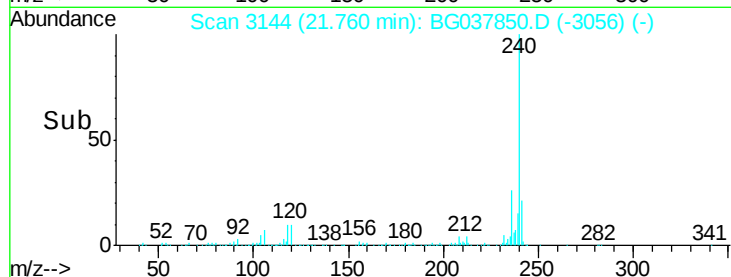
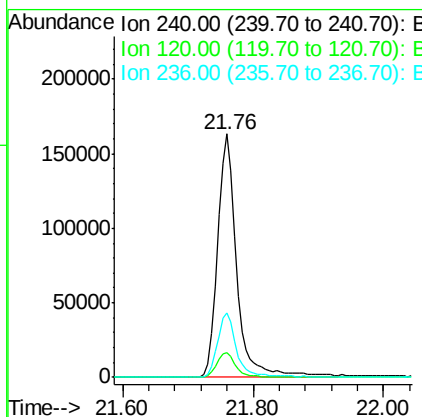
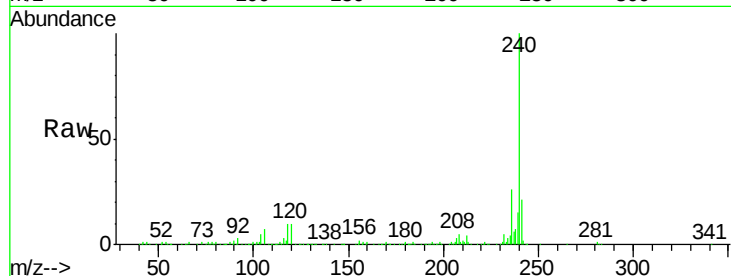




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.02 min
Lab File: BG037850.D
Acq: 6 Nov 2018 22:38

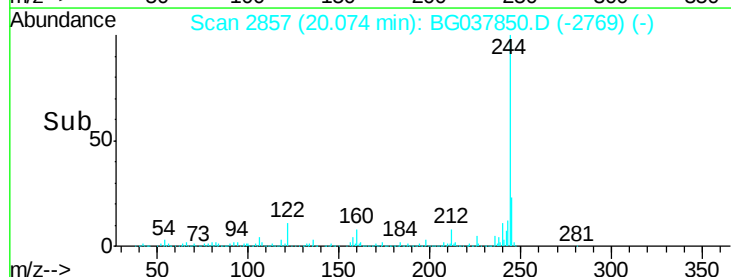
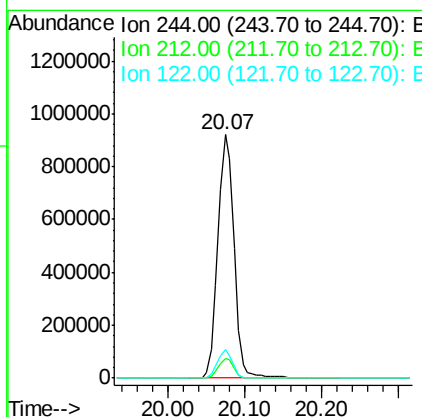
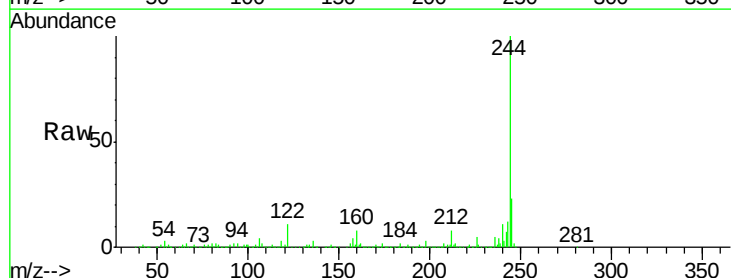
Instrument :
BNA_G
ClientSampled :

Tot Ion:240 Resp: 333620
Ion Ratio Lower Upper
240 100
120 10.3 8.1 12.1
236 26.4 21.4 32.0



#79
Terphenyl-d14
Concen: 85.34 ng
RT: 20.07 min Scan# 2857
Delta R.T. -0.02 min
Lab File: BG037850.D
Acq: 6 Nov 2018 22:38

Tgt Ion:244 Resp: 1332509
Ion Ratio Lower Upper
244 100
212 8.0 6.5 9.7
122 11.5 9.0 13.4

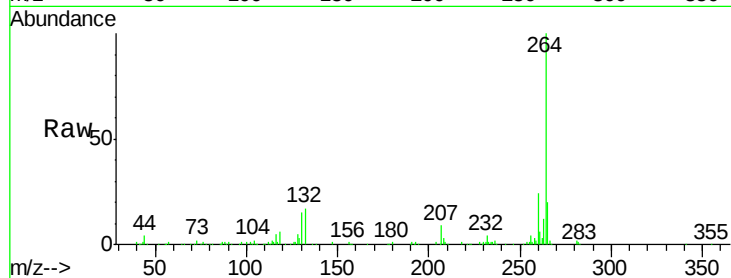




#87
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.09 min Scan# 3711
 Delta R.T. -0.02 min
 Lab File: BG037850.D
 Acq: 6 Nov 2018 22:38

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.2	27.4
265	19.9	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

