

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG092118\
 Data File : BG036870.D
 Acq On : 21 Sep 2018 22:38
 Operator : JU/SJ
 Sample : J4777-26
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-03-092018-C

Quant Time: Sep 22 04:30:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 20 20:07:11 2018
 Response via : Initial Calibration

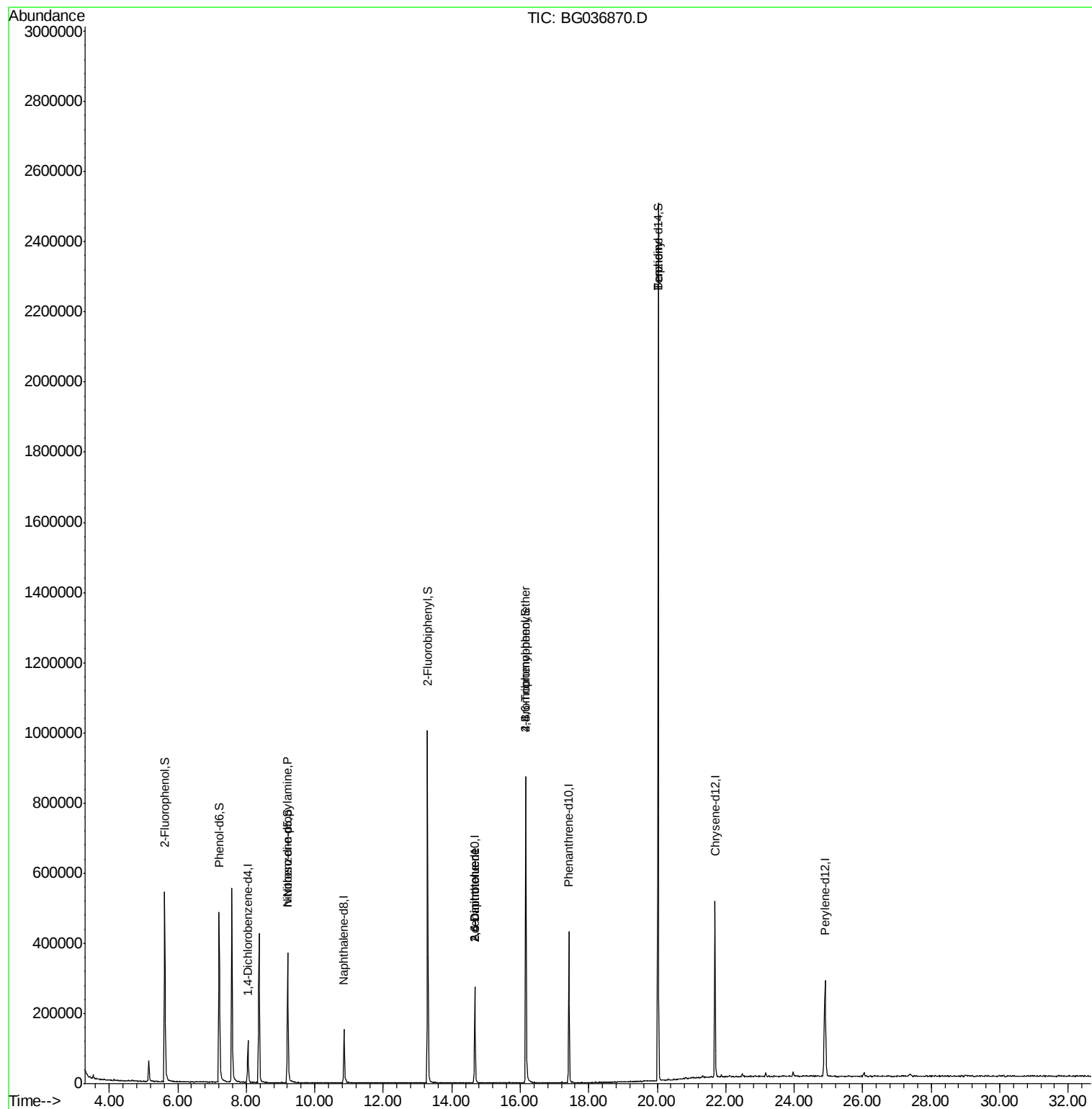
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	37764	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	152409	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	103518	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	286538	20.00	ng	0.00
75) Chrysene-d12	21.68	240	317071	20.00	ng	0.00
86) Perylene-d12	24.90	264	312769	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	253874	128.93	ng	0.00
7) Phenol-d6	7.21	99	319134	104.75	ng	0.00
23) Nitrobenzene-d5	9.21	82	260275	91.45	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	178815	144.38	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	567749	81.69	ng	0.00
78) Terphenyl-d14	20.03	244	1224877	101.58	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	33784	13.330	ng	# 71
50) 2,6-Dinitrotoluene	14.67	165	13454	7.400	ng	# 20
56) 2,4-Dinitrotoluene	14.67	165	13454	5.304	ng	# 18
66) 4-Bromophenyl-phenylether	16.16	248	12708	3.899	ng	# 1
76) Benzidine	20.03	184	21123	2.204	ng	# 95

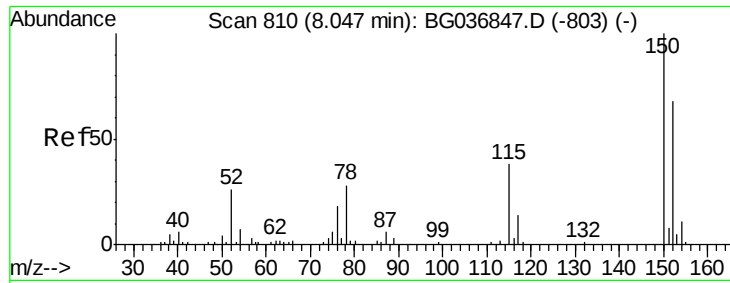
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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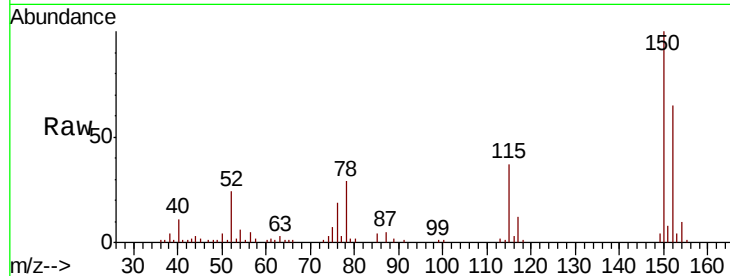


#1

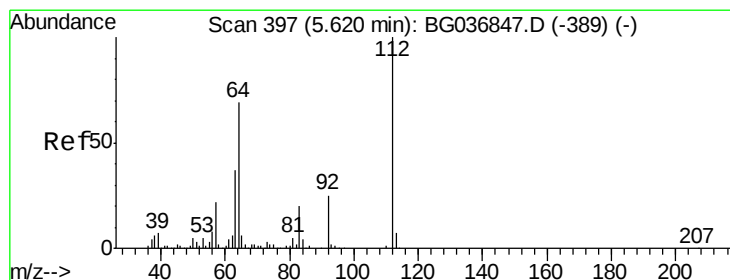
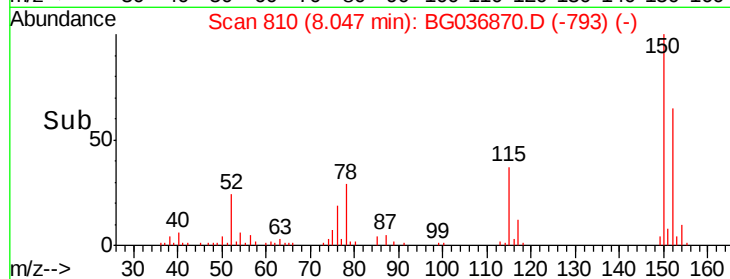
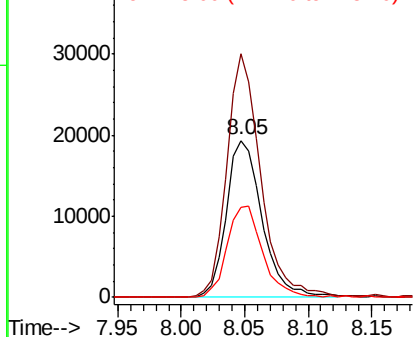
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BG036870.D
 Acq: 21 Sep 2018 22:38

Instrument :
 BNA_G
 ClientSampleId :
 PL-03-092018-C

Tgt Ion:152 Resp: 37764
 Ion Ratio Lower Upper
 152 100
 150 154.9 119.5 179.3
 115 57.6 44.5 66.7



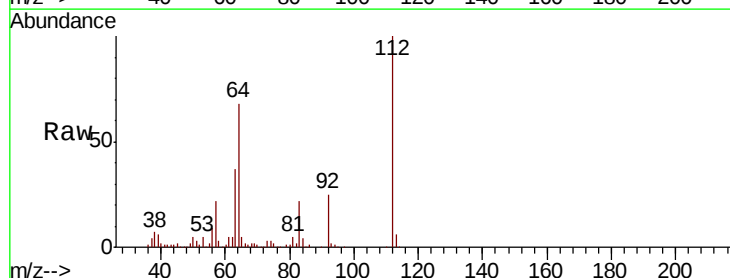
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



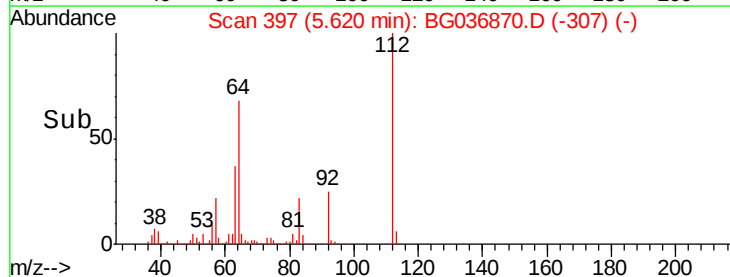
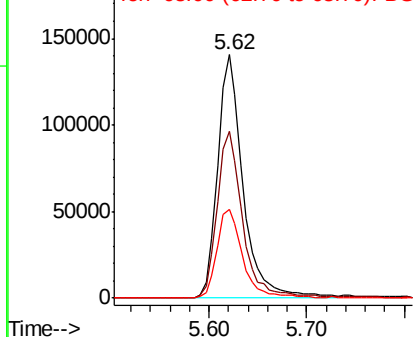
#5

2-Fluorophenol
 Concen: 128.926 ng
 RT: 5.62 min Scan# 397
 Delta R.T. 0.00 min
 Lab File: BG036870.D
 Acq: 21 Sep 2018 22:38

Tgt Ion:112 Resp: 253874
 Ion Ratio Lower Upper
 112 100
 64 68.4 57.2 85.8
 63 36.5 30.8 46.2



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





#7

Phenol-d6

Concen: 104.751 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036870.D

Acq: 21 Sep 2018 22:38

Instrument :

BNA_G

ClientSampleId :

PL-03-092018-C

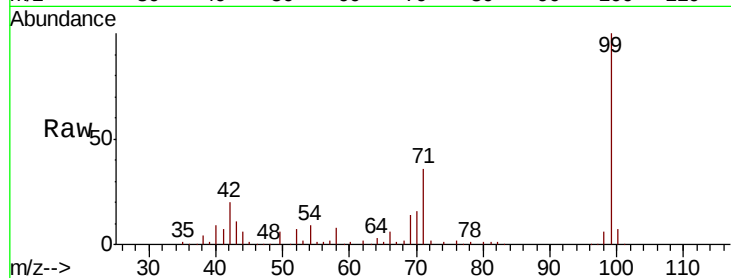
Tgt Ion: 99 Resp: 319134

Ion Ratio Lower Upper

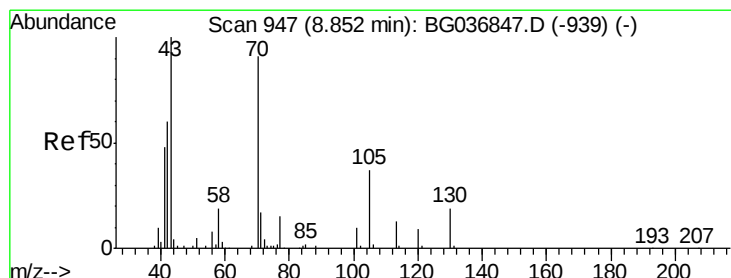
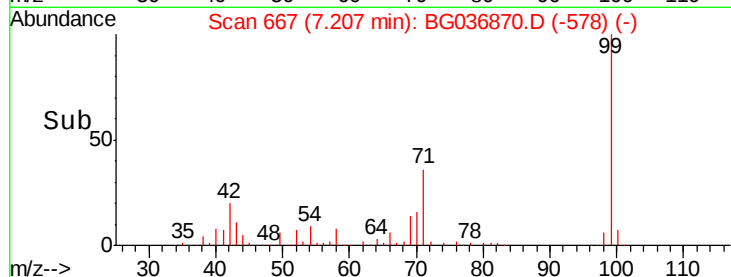
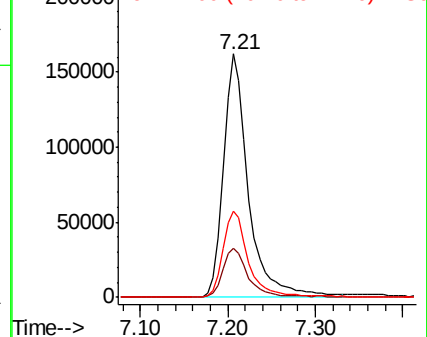
99 100

42 20.2 16.5 24.7

71 35.6 29.4 44.2



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: 13.330 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.36 min

Lab File: BG036870.D

Acq: 21 Sep 2018 22:38

Tgt Ion: 70 Resp: 33784

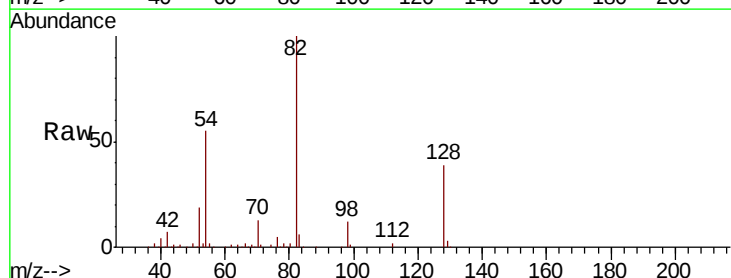
Ion Ratio Lower Upper

70 100

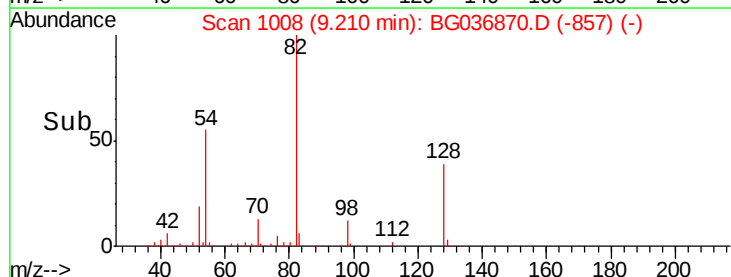
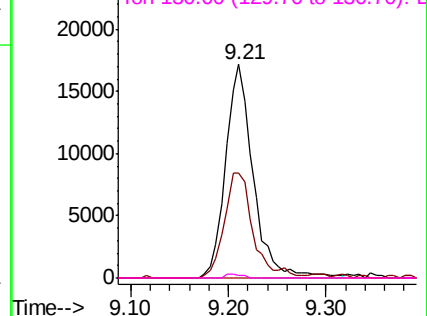
42 49.3 56.2 84.4#

101 0.0 7.8 11.6#

130 1.2 16.2 24.2#



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

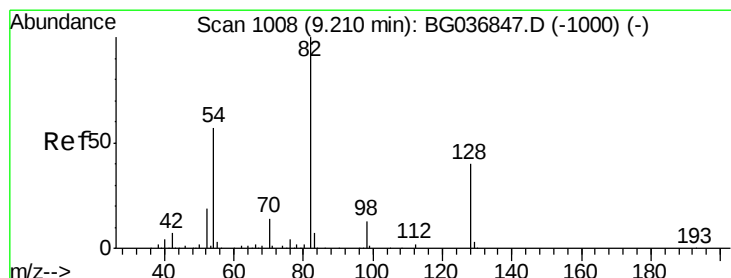
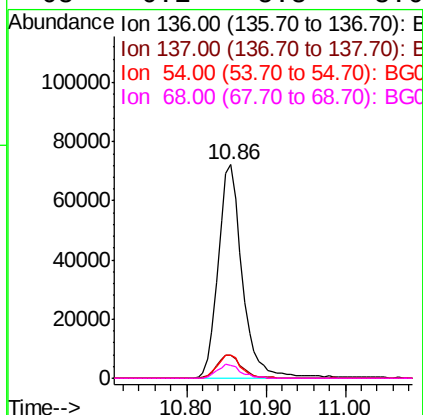
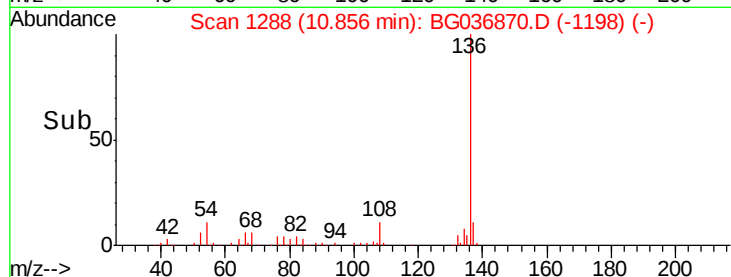
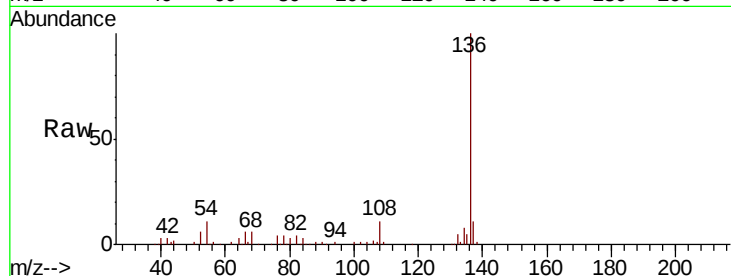




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BG036870.D
Acq: 21 Sep 2018 22:38

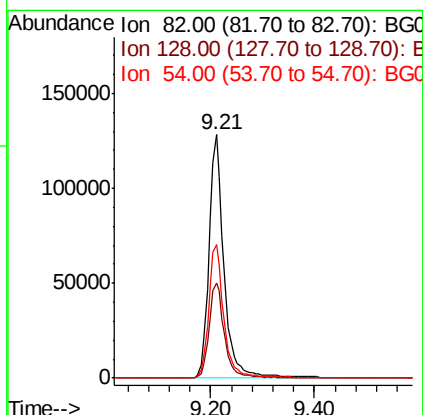
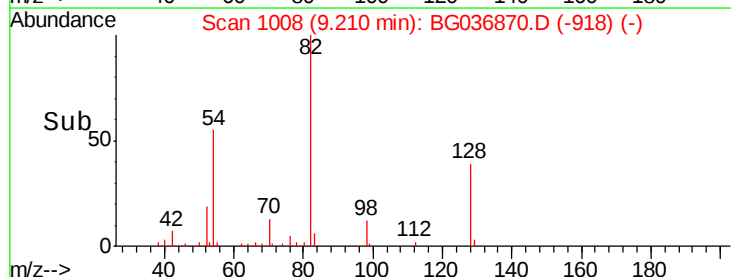
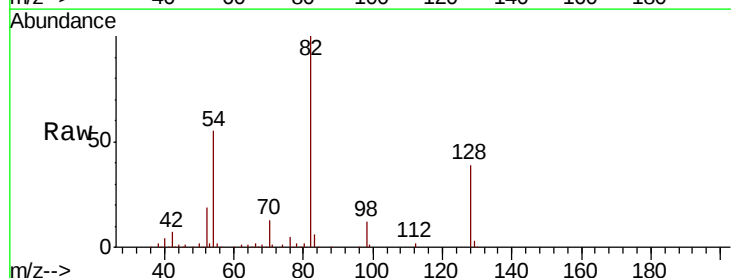
Instrument :
BNA_G
ClientSampleId :
PL-03-092018-C

Tgt Ion:	136	Resp:	152409
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	10.7	9.2	13.8
68	6.1	5.8	8.6



#23
Nitrobenzene-d5
Concen: 91.451 ng
RT: 9.21 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BG036870.D
Acq: 21 Sep 2018 22:38

Tgt Ion:	82	Resp:	260275
Ion	Ratio	Lower	Upper
82	100		
128	39.0	33.3	49.9
54	55.0	45.1	67.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1938

Delta R.T. 0.00 min

Lab File: BG036870.D

Acq: 21 Sep 2018 22:38

Instrument :

BNA_G

ClientSampleId :

PL-03-092018-C

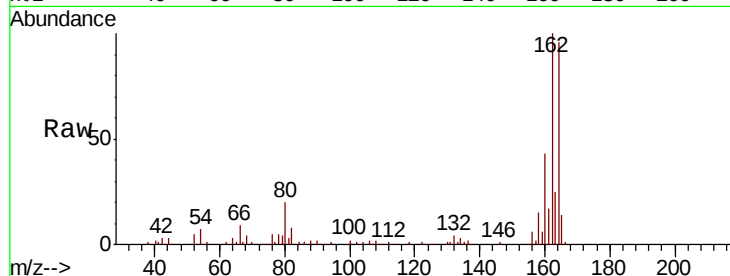
Tgt Ion:164 Resp: 103518

Ion Ratio Lower Upper

164 100

162 104.2 80.7 121.1

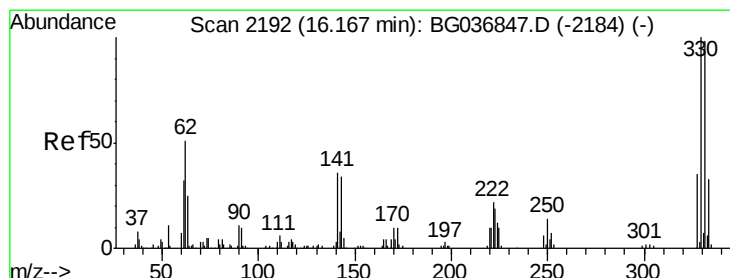
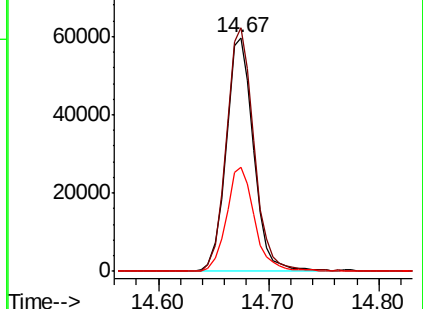
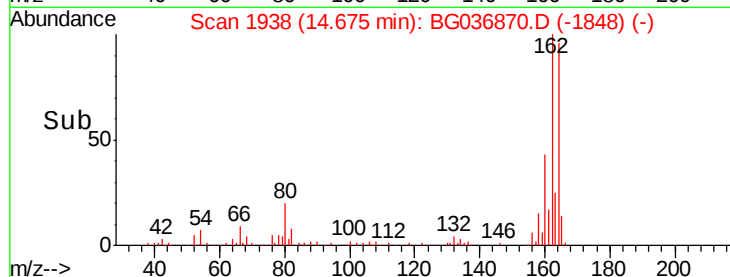
160 44.7 35.3 52.9



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



#41

2,4,6-Tribromophenol

Concen: 144.377 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG036870.D

Acq: 21 Sep 2018 22:38

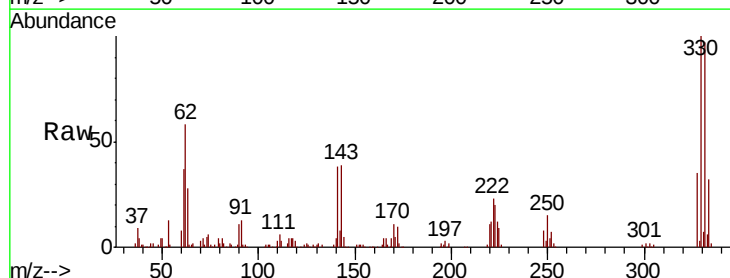
Tgt Ion:330 Resp: 178815

Ion Ratio Lower Upper

330 100

332 94.9 75.4 113.2

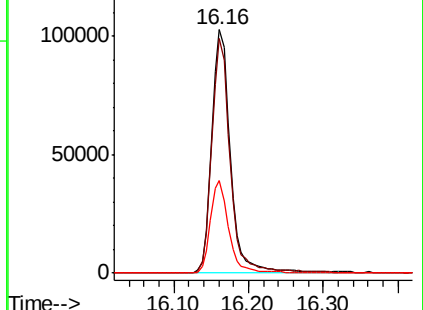
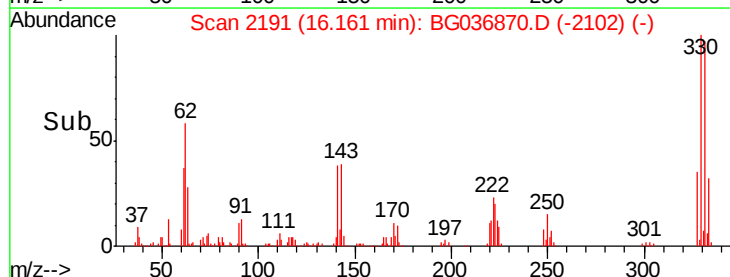
141 37.2 30.7 46.1



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

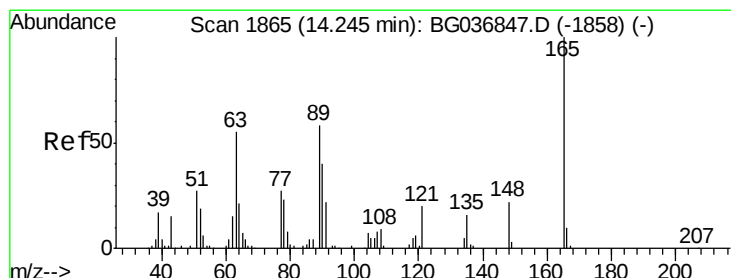
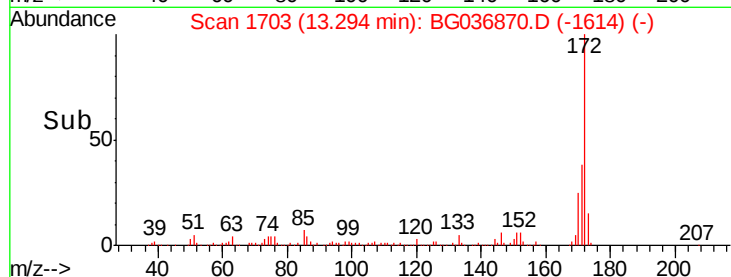
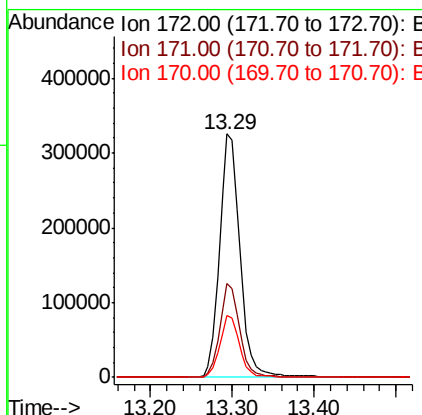
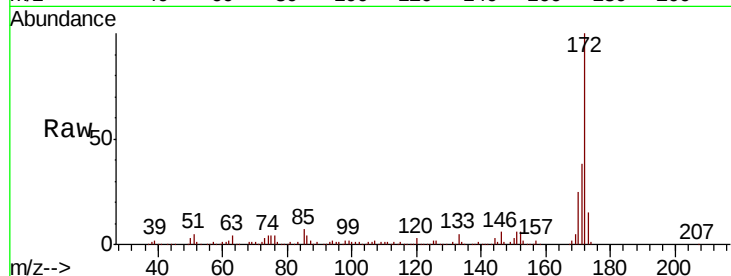




#44
 2-Fluorobiphenyl
 Concen: 81.686 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG036870.D
 Acq: 21 Sep 2018 22:38

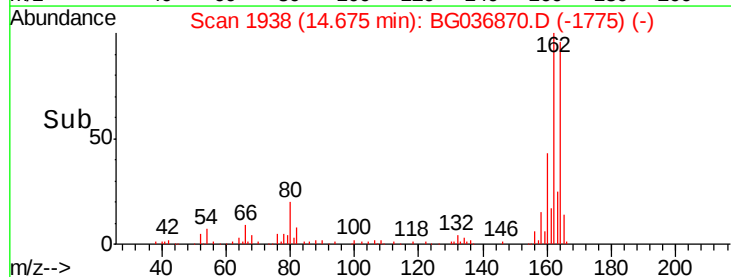
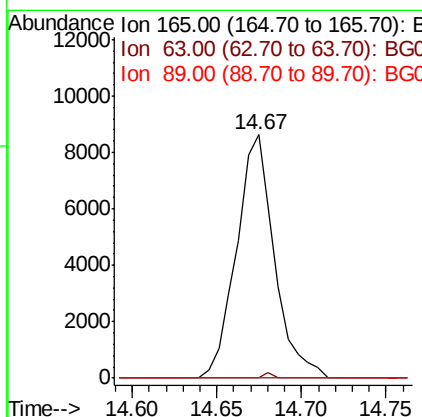
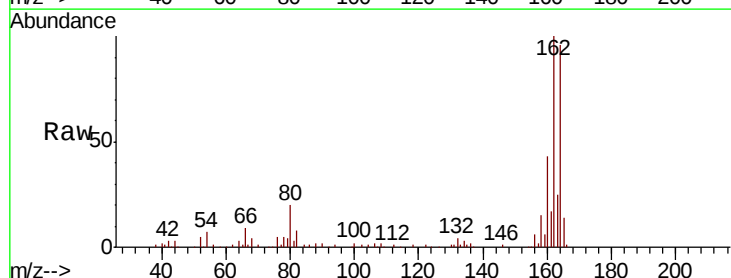
Instrument :
 BNA_G
 ClientSampleId :
 PL-03-092018-C

Tgt Ion:172 Resp: 567749
 Ion Ratio Lower Upper
 172 100
 171 38.4 31.3 46.9
 170 25.2 21.0 31.6



#50
 2,6-Dinitrotoluene
 Concen: 7.400 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. 0.43 min
 Lab File: BG036870.D
 Acq: 21 Sep 2018 22:38

Tgt Ion:165 Resp: 13454
 Ion Ratio Lower Upper
 165 100
 63 0.0 50.1 75.1#
 89 0.0 47.8 71.6#

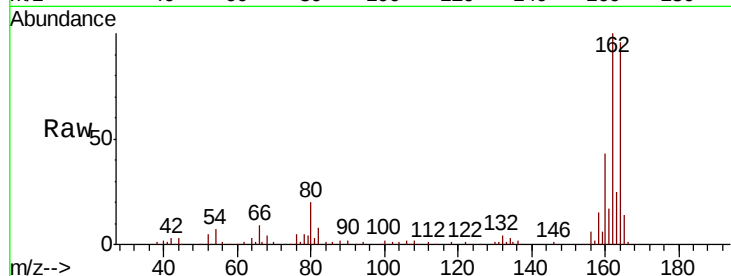




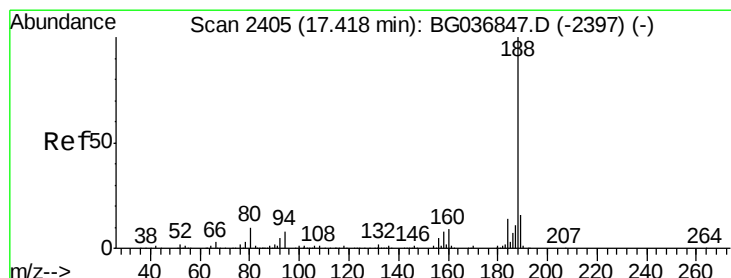
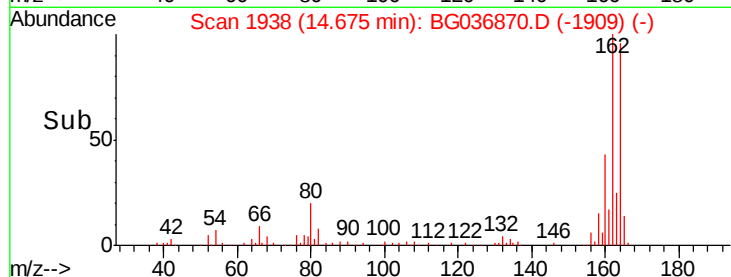
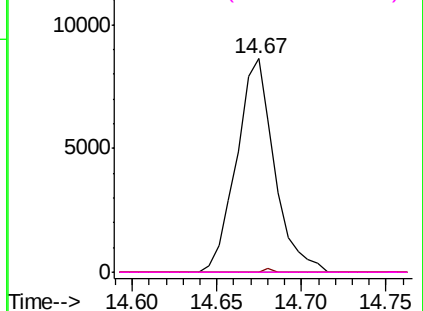
#56
 2,4-Dinitrotoluene
 Concen: 5.304 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.36 min
 Lab File: BG036870.D
 Acq: 21 Sep 2018 22:38

Instrument :
 BNA_G
 ClientSampleId :
 PL-03-092018-C

Tgt Ion:	165	Resp:	13454
Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.1	60.1#
89	0.0	63.7	95.5#
182	0.0	2.5	3.7#

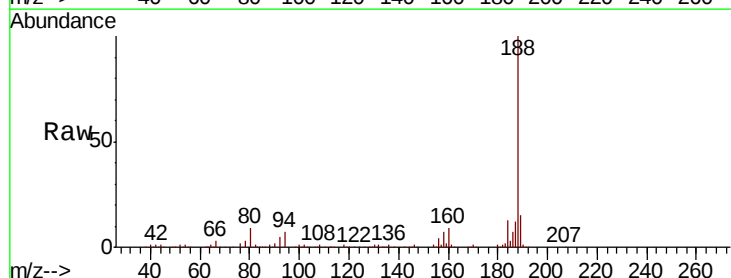


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

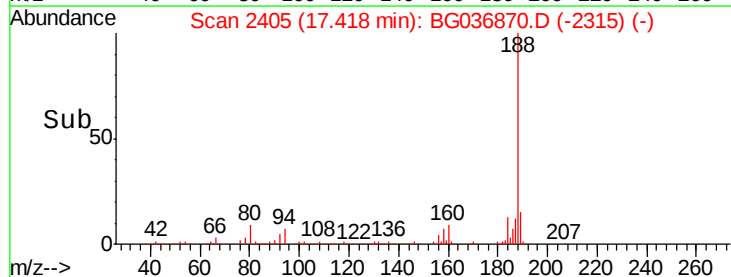
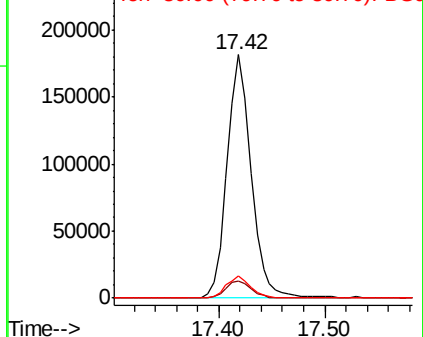


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. 0.00 min
 Lab File: BG036870.D
 Acq: 21 Sep 2018 22:38

Tgt Ion:	188	Resp:	286538
Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.7	10.1
80	9.2	8.1	12.1



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

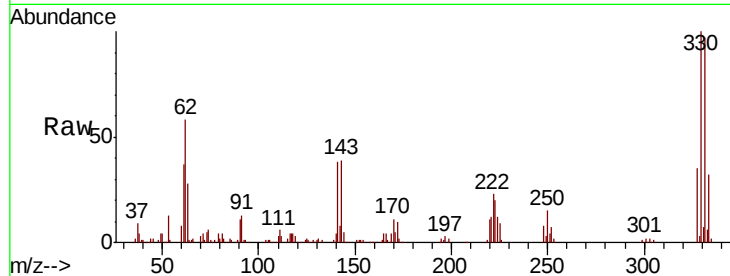




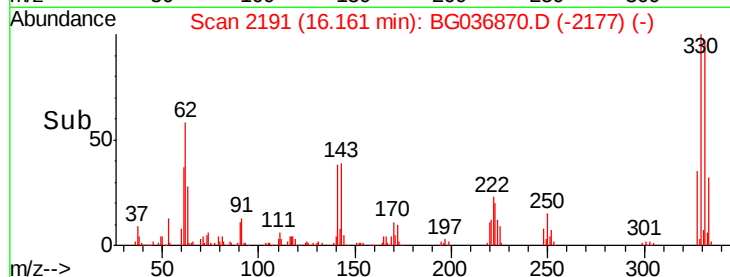
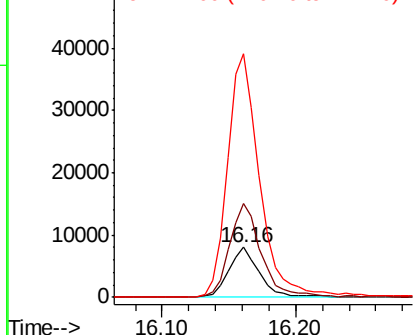
#66
 4-Bromophenyl-phenylether
 Concen: 3.899 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.45 min
 Lab File: BG036870.D
 Acq: 21 Sep 2018 22:38

Instrument :
 BNA_G
 ClientSampleId :
 PL-03-092018-C

Tgt Ion:248 Resp: 12708
 Ion Ratio Lower Upper
 248 100
 250 189.1 78.1 117.1#
 141 487.5 53.7 80.5#

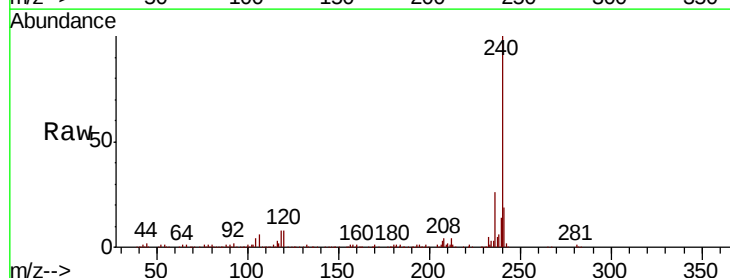


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

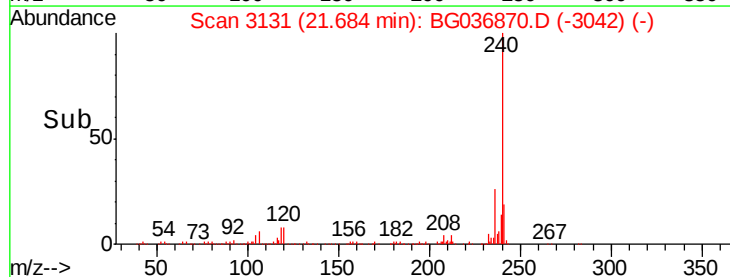
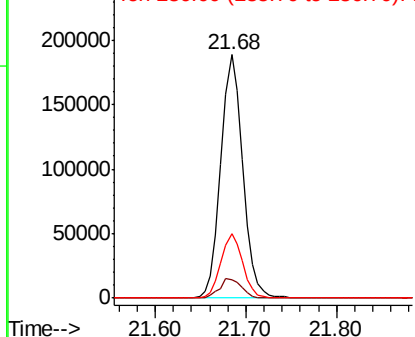


#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3131
 Delta R.T. -0.01 min
 Lab File: BG036870.D
 Acq: 21 Sep 2018 22:38

Tgt Ion:240 Resp: 317071
 Ion Ratio Lower Upper
 240 100
 120 7.7 6.9 10.3
 236 26.3 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

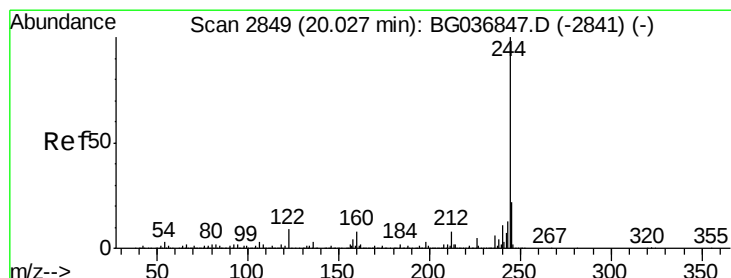
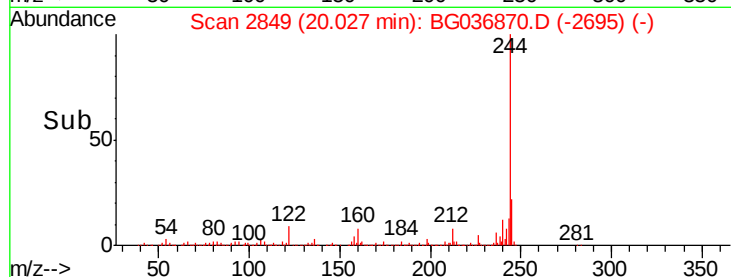
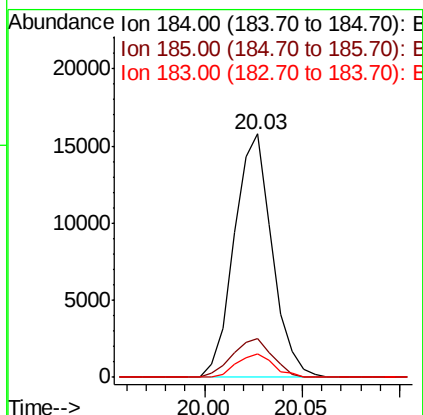
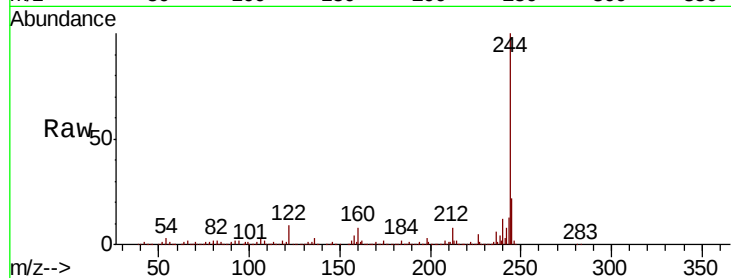




#76
Benzidine
Concen: 2.204 ng
RT: 20.03 min Scan# 2849
Delta R.T. 0.38 min
Lab File: BG036870.D
Acq: 21 Sep 2018 22:38

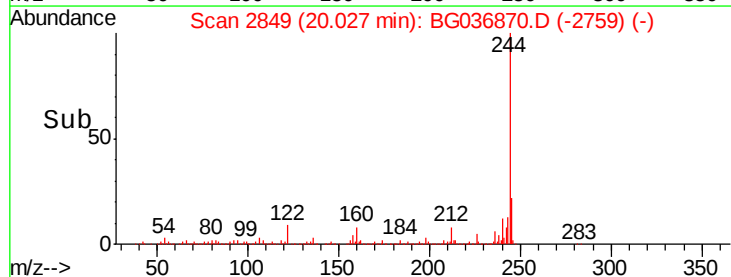
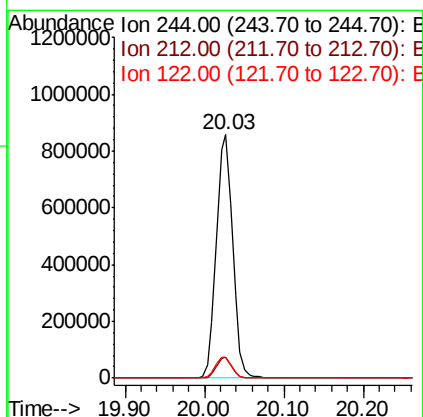
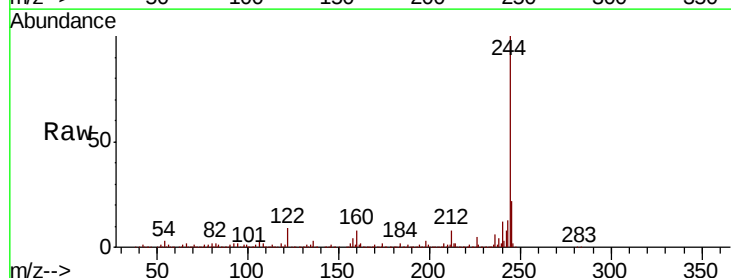
Instrument :
BNA_G
ClientSampleId :
PL-03-092018-C

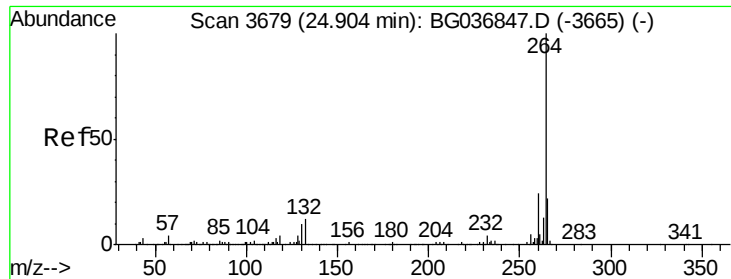
Tgt Ion:184 Resp: 21123
Ion Ratio Lower Upper
184 100
185 16.0 12.6 18.8
183 9.4 10.9 16.3#



#78
Terphenyl-d14
Concen: 101.580 ng
RT: 20.03 min Scan# 2849
Delta R.T. 0.00 min
Lab File: BG036870.D
Acq: 21 Sep 2018 22:38

Tgt Ion:244 Resp: 1224877
Ion Ratio Lower Upper
244 100
212 8.4 7.0 10.6
122 8.8 7.1 10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3678
Delta R.T. -0.01 min
Lab File: BG036870.D
Acq: 21 Sep 2018 22:38

Instrument :
BNA_G
ClientSampleId :
PL-03-092018-C

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.6	29.4
265	21.7	17.4	26.0

