

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG092118\
 Data File : BG036873.D
 Acq On : 22 Sep 2018 00:35
 Operator : JU/SJ
 Sample : J4777-32
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-04-092018-C

Quant Time: Sep 22 04:30:35 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

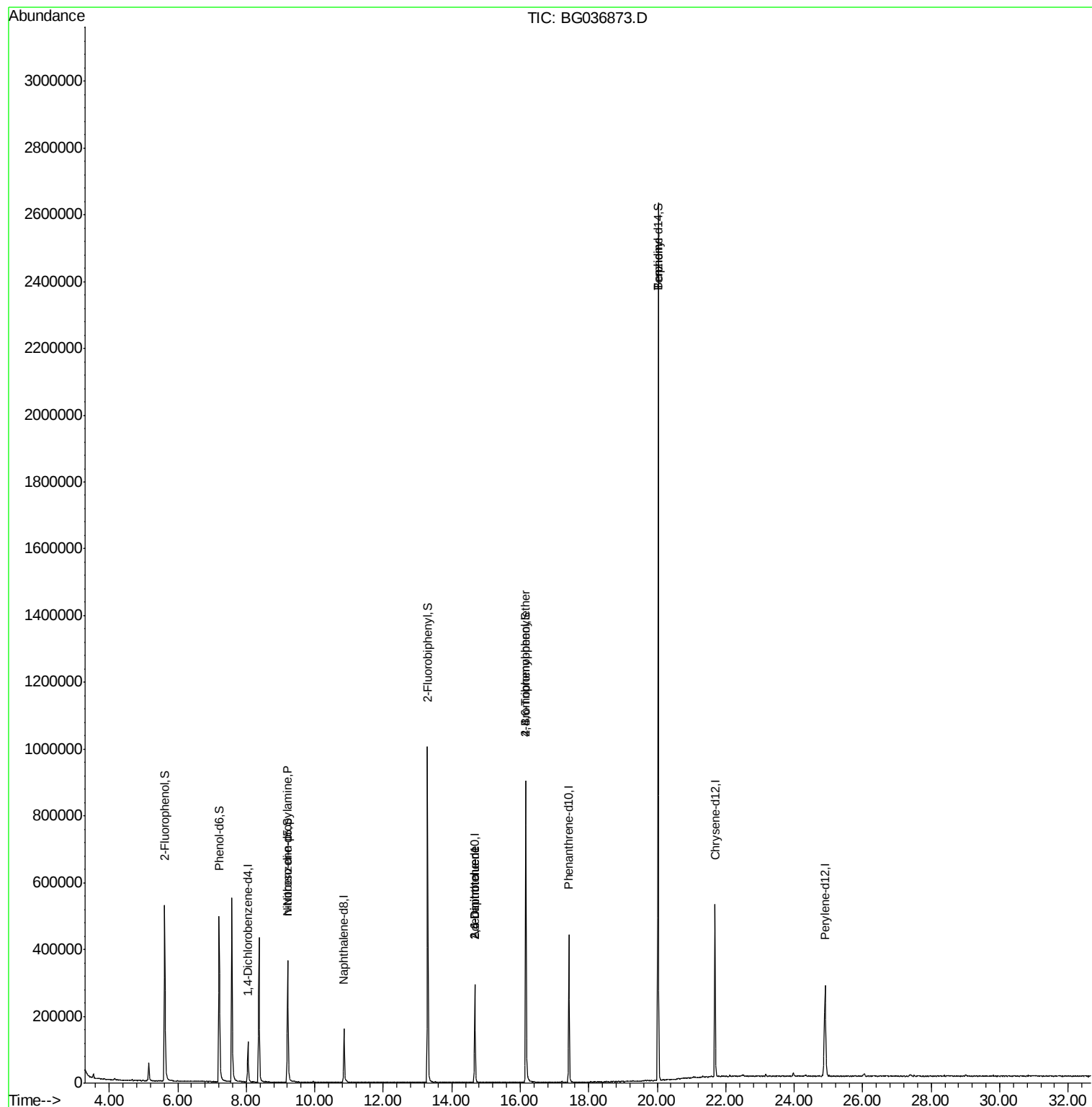
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	36784	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	155539	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	107079	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	300950	20.00	ng	0.00
75) Chrysene-d12	21.68	240	340944	20.00	ng	0.00
86) Perylene-d12	24.90	264	309332	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	247319	128.94	ng	0.00
7) Phenol-d6	7.21	99	325701	109.75	ng	0.00
23) Nitrobenzene-d5	9.21	82	259408	89.31	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	179758	140.31	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	582646	81.04	ng	0.00
78) Terphenyl-d14	20.03	244	1232352	95.04	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	33638	13.626	ng	# 71
50) 2,6-Dinitrotoluene	14.67	165	13676	7.272	ng	# 22
56) 2,4-Dinitrotoluene	14.67	165	13676	5.212	ng	# 20
66) 4-Bromophenyl-phenylether	16.16	248	12599	3.681	ng	# 1
76) Benzidine	20.03	184	21832	2.118	ng	# 94

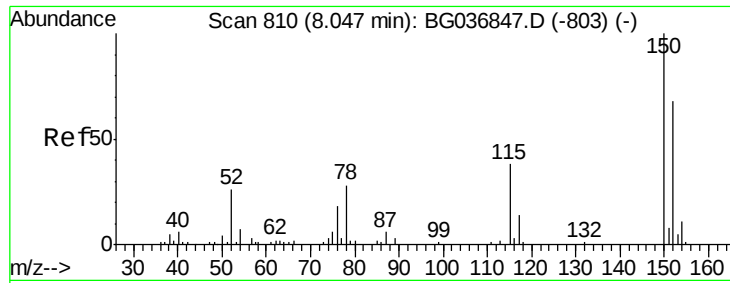
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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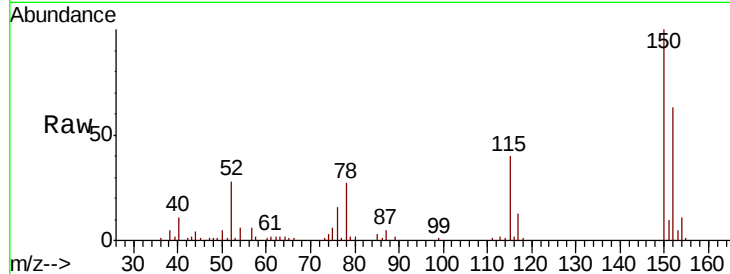


#1

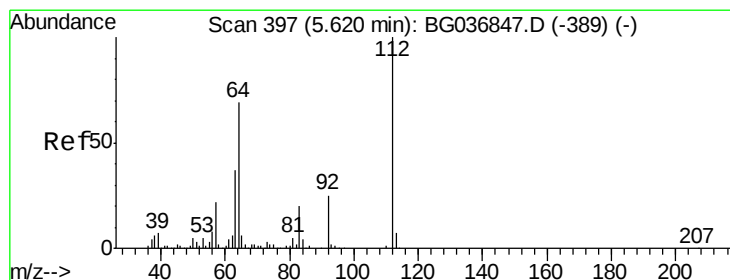
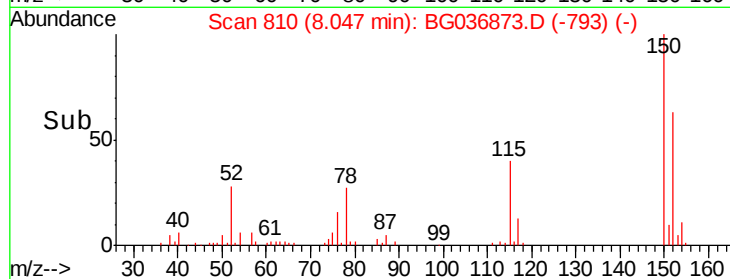
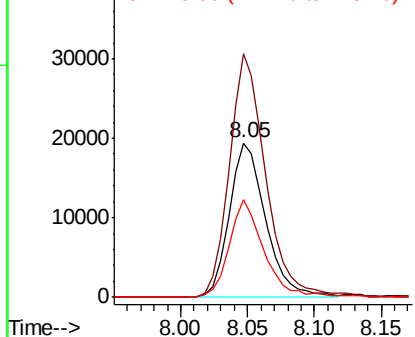
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. 0.00 min
Lab File: BG036873.D
Acq: 22 Sep 2018 00:35

Instrument :
BNA_G
ClientSampleId :
PL-04-092018-C

Tgt Ion:152 Resp: 36784
Ion Ratio Lower Upper
152 100
150 157.7 119.5 179.3
115 63.6 44.5 66.7



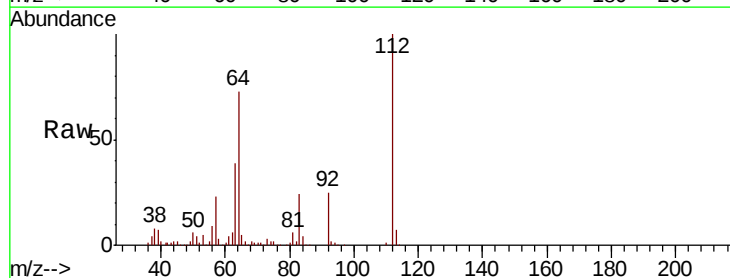
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



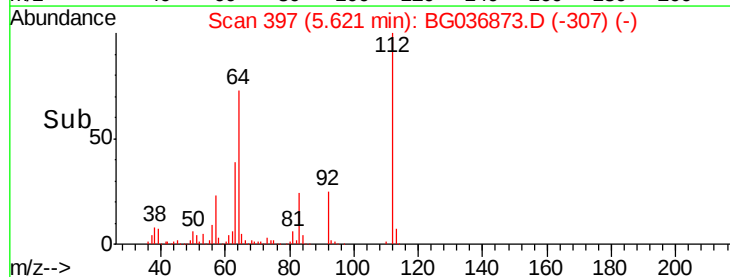
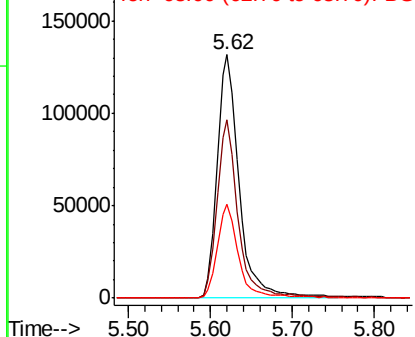
#5

2-Fluorophenol
Concen: 128.943 ng
RT: 5.62 min Scan# 397
Delta R.T. 0.00 min
Lab File: BG036873.D
Acq: 22 Sep 2018 00:35

Tgt Ion:112 Resp: 247319
Ion Ratio Lower Upper
112 100
64 73.2 57.2 85.8
63 38.8 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: 109.754 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036873.D

Acq: 22 Sep 2018 00:35

Instrument :

BNA_G

ClientSampleId :

PL-04-092018-C

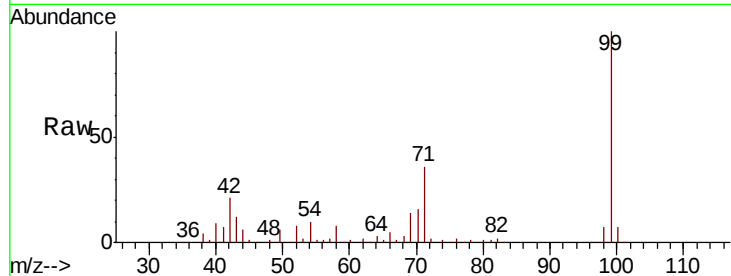
Tgt Ion: 99 Resp: 325701

Ion Ratio Lower Upper

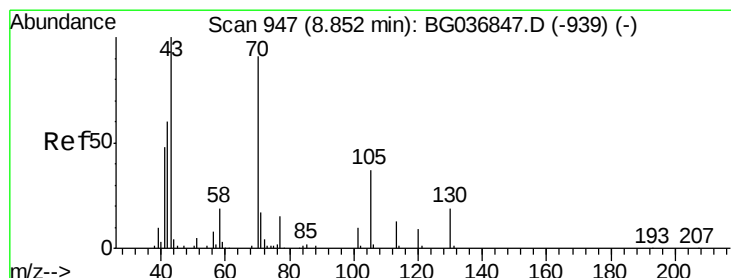
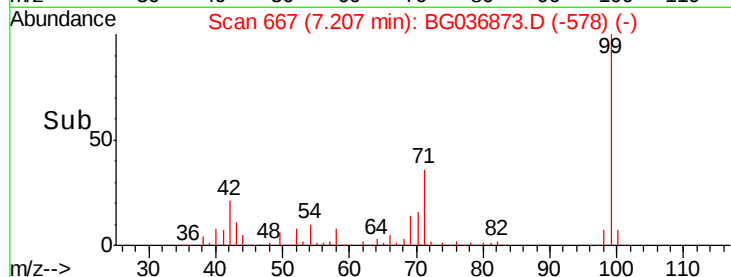
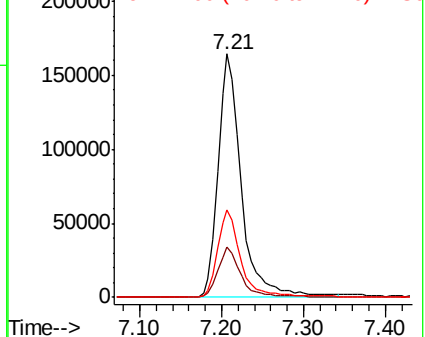
99 100

42 20.6 16.5 24.7

71 35.8 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: 13.626 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.36 min

Lab File: BG036873.D

Acq: 22 Sep 2018 00:35

Tgt Ion: 70 Resp: 33638

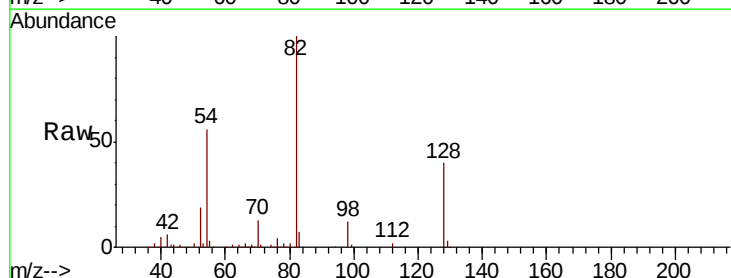
Ion Ratio Lower Upper

70 100

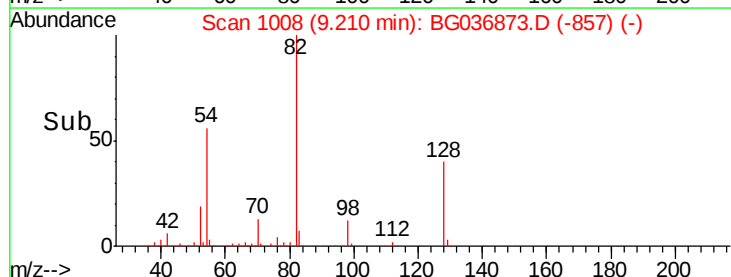
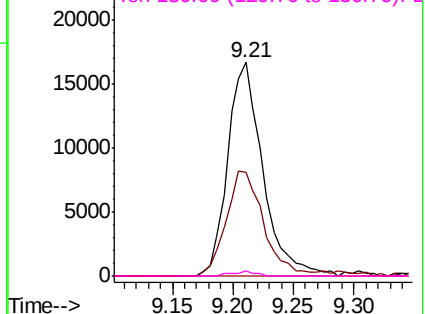
42 48.6 56.2 84.4#

101 0.0 7.8 11.6#

130 2.4 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

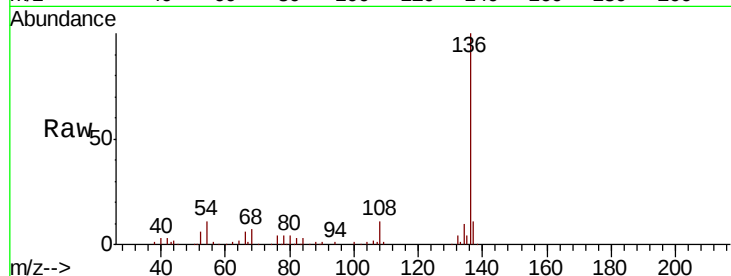




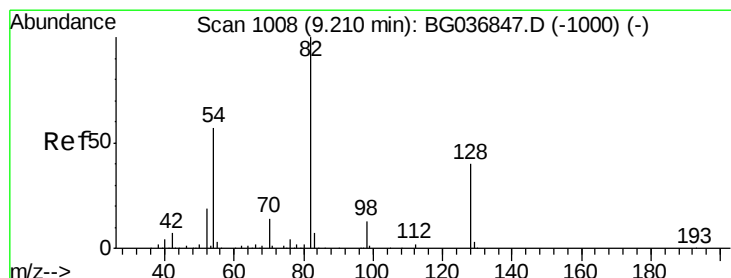
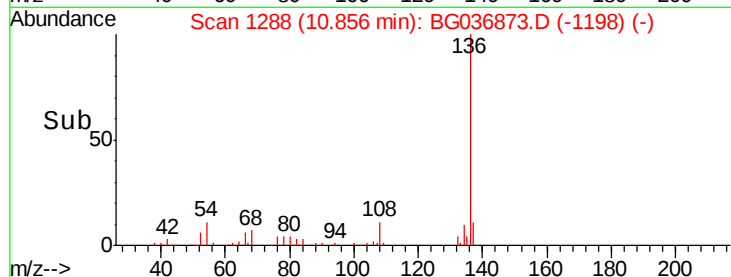
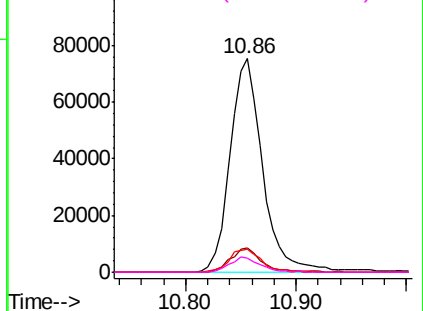
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BG036873.D
Acq: 22 Sep 2018 00:35

Instrument :
BNA_G
ClientSampleId :
PL-04-092018-C

Tgt Ion:	136	Resp:	155539
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	10.7	9.2	13.8
68	6.5	5.8	8.6

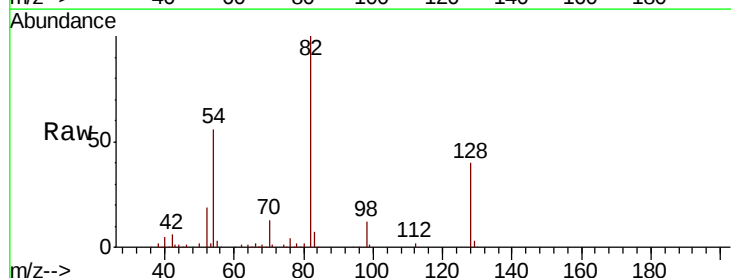


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

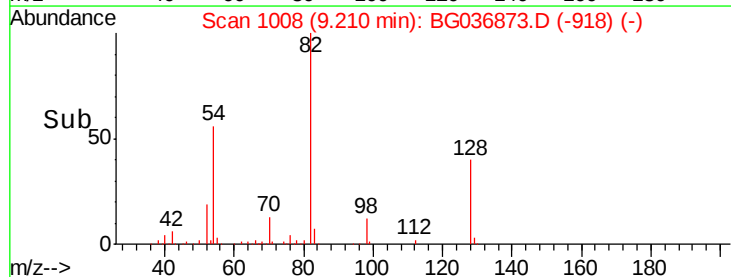
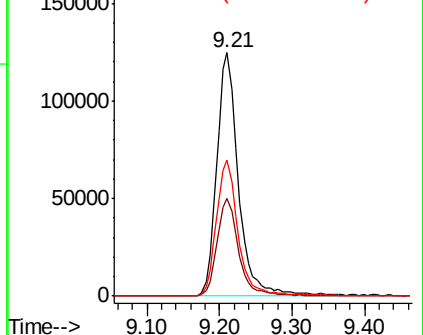


#23
Nitrobenzene-d5
Concen: 89.312 ng
RT: 9.21 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BG036873.D
Acq: 22 Sep 2018 00:35

Tgt Ion:	82	Resp:	259408
Ion	Ratio	Lower	Upper
82	100		
128	40.2	33.3	49.9
54	55.8	45.1	67.7



Abundance Ion 82.00 (81.70 to 82.70): BG
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BG





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1938

Delta R.T. 0.00 min

Lab File: BG036873.D

Acq: 22 Sep 2018 00:35

Instrument :

BNA_G

ClientSampleId :

PL-04-092018-C

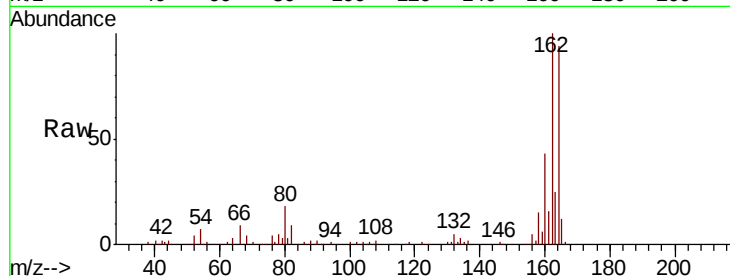
Tgt Ion:164 Resp: 107079

Ion Ratio Lower Upper

164 100

162 106.3 80.7 121.1

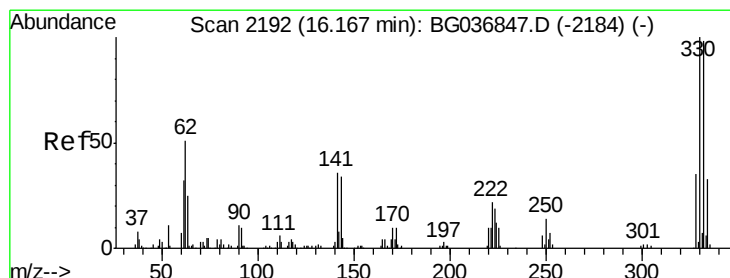
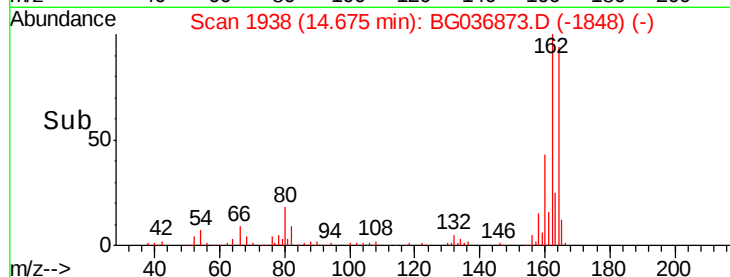
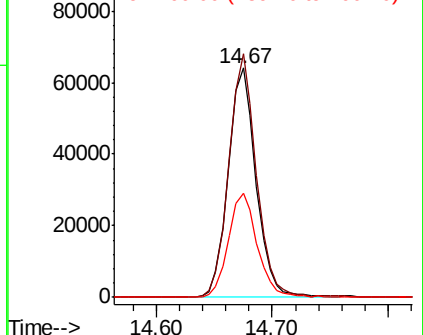
160 45.3 35.3 52.9



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: 140.312 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG036873.D

Acq: 22 Sep 2018 00:35

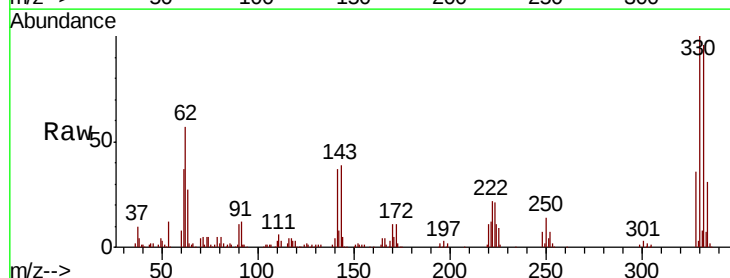
Tgt Ion:330 Resp: 179758

Ion Ratio Lower Upper

330 100

332 95.4 75.4 113.2

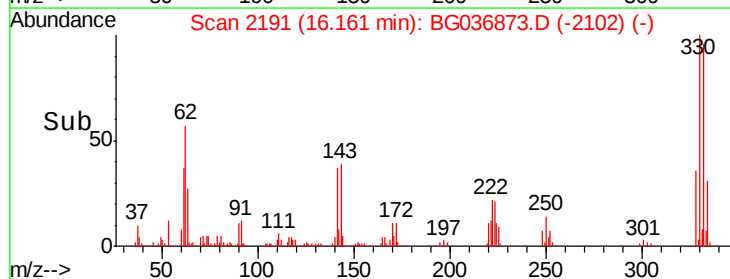
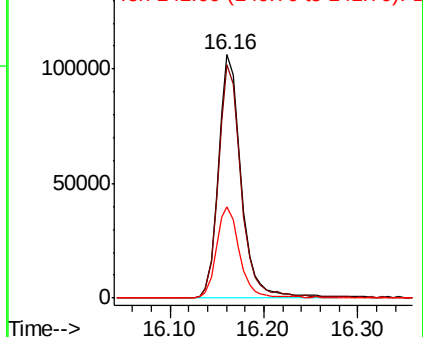
141 38.5 30.7 46.1



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

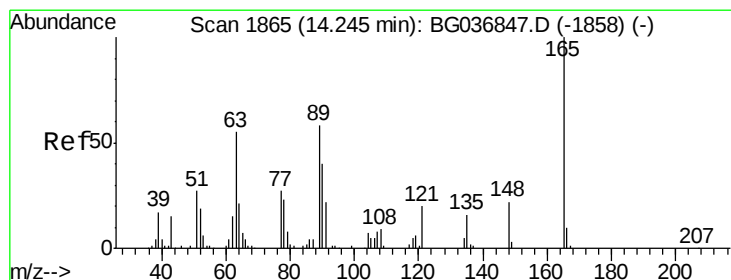
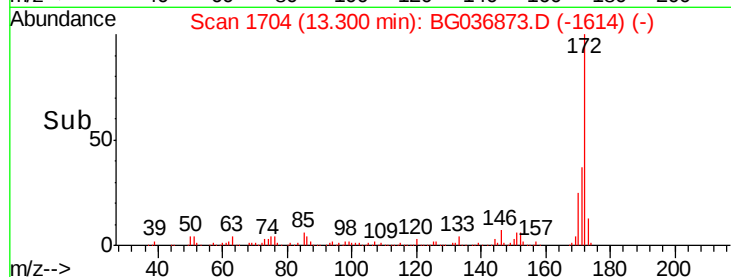
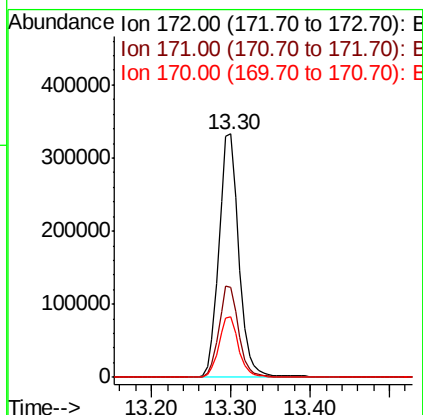
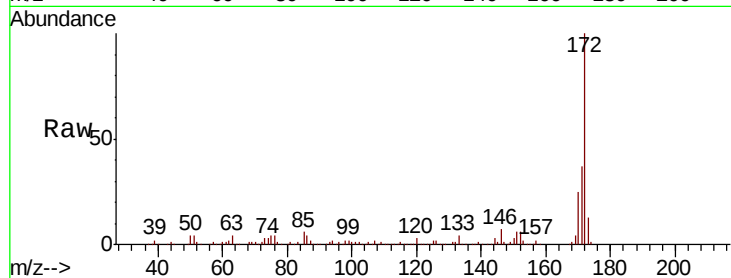




#44
 2-Fluorobiphenyl
 Concen: 81.042 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. 0.00 min
 Lab File: BG036873.D
 Acq: 22 Sep 2018 00:35

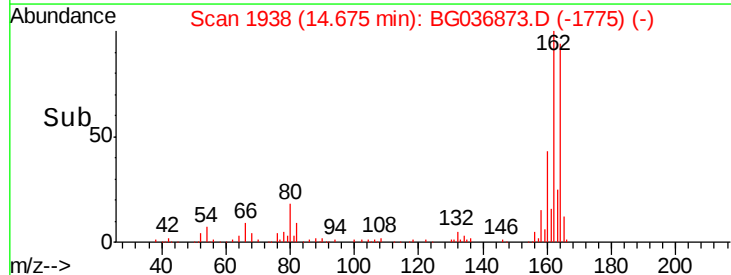
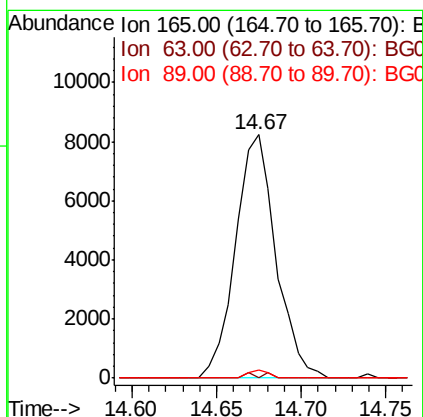
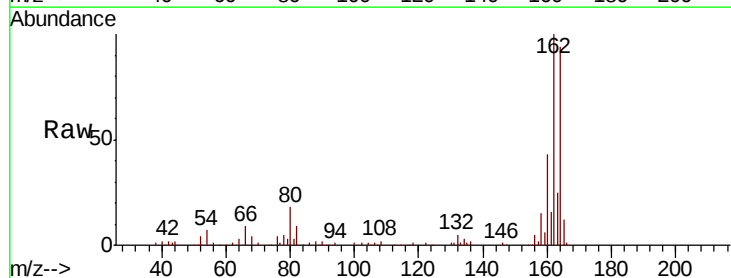
Instrument :
 BNA_G
 ClientSampleId :
 PL-04-092018-C

Tgt Ion:172 Resp: 582646
 Ion Ratio Lower Upper
 172 100
 171 37.1 31.3 46.9
 170 24.6 21.0 31.6



#50
 2,6-Dinitrotoluene
 Concen: 7.272 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. 0.43 min
 Lab File: BG036873.D
 Acq: 22 Sep 2018 00:35

Tgt Ion:165 Resp: 13676
 Ion Ratio Lower Upper
 165 100
 63 0.0 50.1 75.1#
 89 3.2 47.8 71.6#

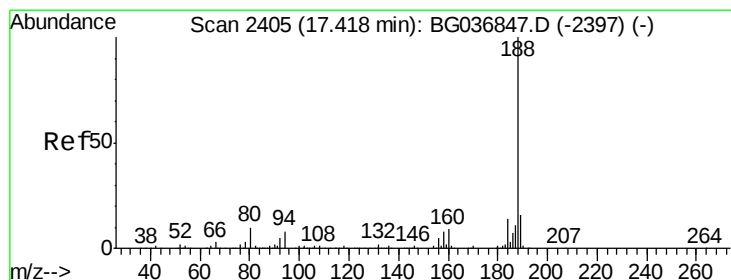
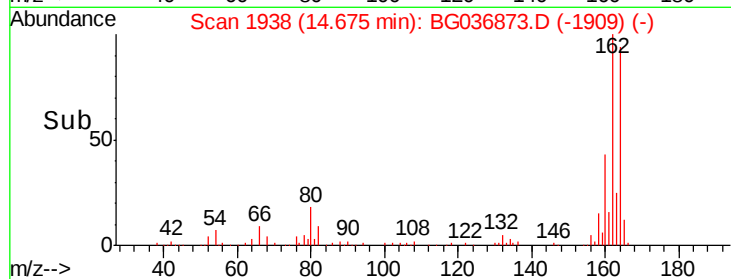
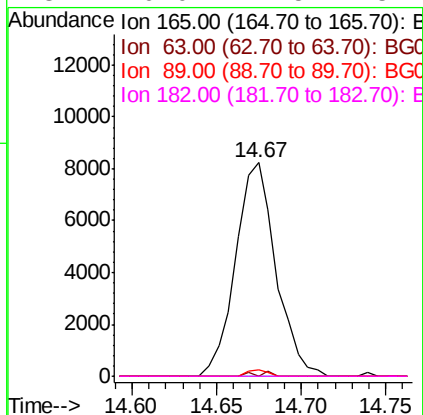
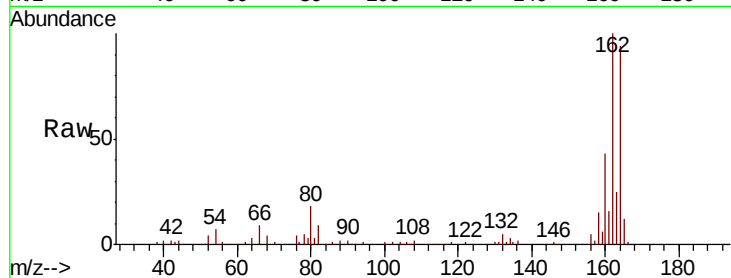




#56
 2,4-Dinitrotoluene
 Concen: 5.212 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.36 min
 Lab File: BG036873.D
 Acq: 22 Sep 2018 00:35

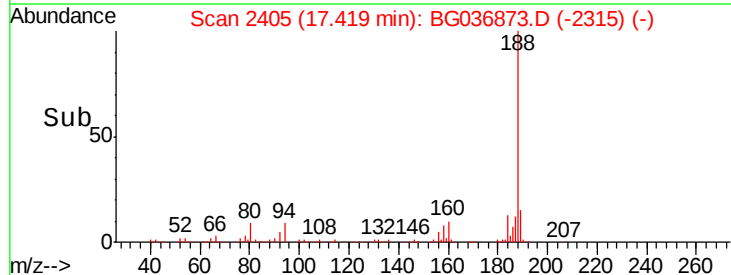
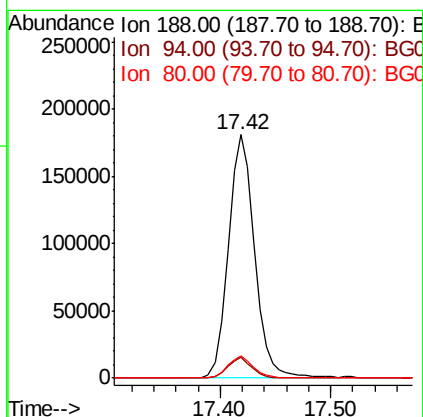
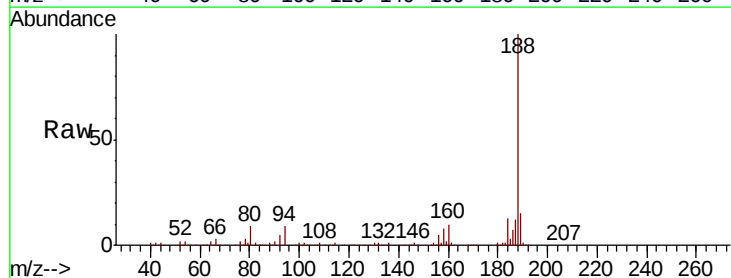
Instrument :
 BNA_G
 ClientSampleId :
 PL-04-092018-C

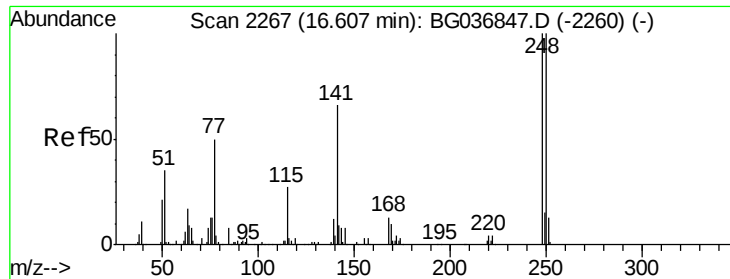
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.1	60.1#
89	3.2	63.7	95.5#
182	0.0	2.5	3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. 0.00 min
 Lab File: BG036873.D
 Acq: 22 Sep 2018 00:35

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.7	10.1
80	8.9	8.1	12.1

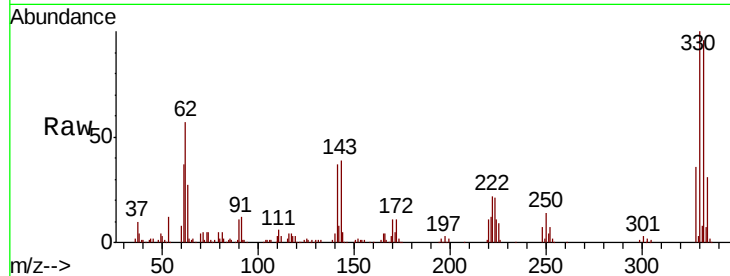




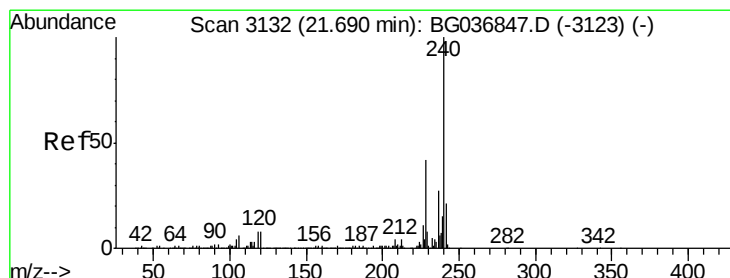
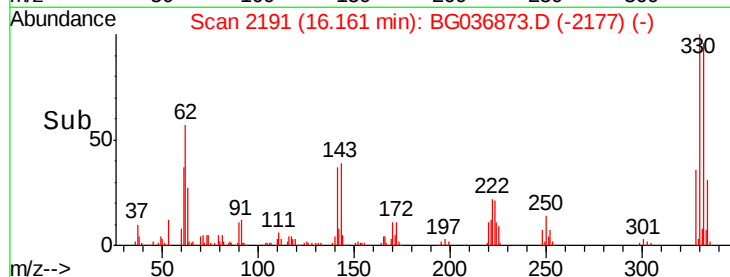
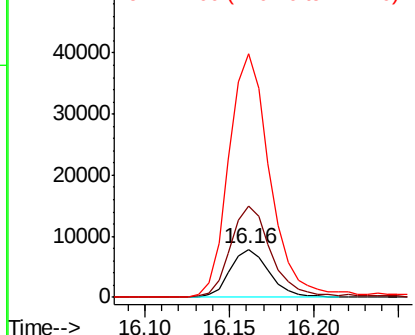
#66
4-Bromophenyl-phenylether
Concen: 3.681 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.45 min
Lab File: BG036873.D
Acq: 22 Sep 2018 00:35

Instrument :
BNA_G
ClientSampleId :
PL-04-092018-C

Tgt Ion:248 Resp: 12599
Ion Ratio Lower Upper
248 100
250 191.1 78.1 117.1#
141 509.5 53.7 80.5#

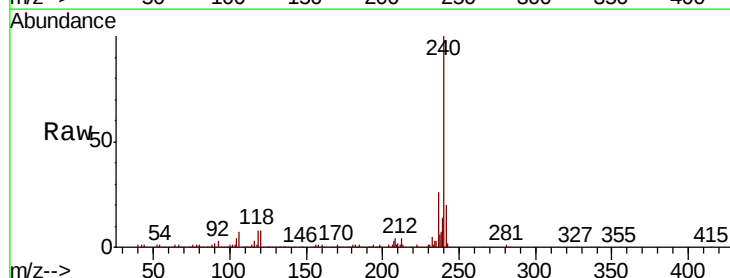


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

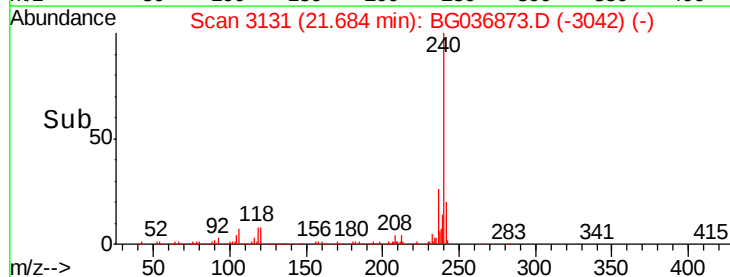
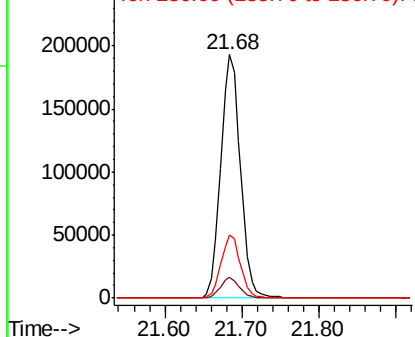


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036873.D
Acq: 22 Sep 2018 00:35

Tgt Ion:240 Resp: 340944
Ion Ratio Lower Upper
240 100
120 8.4 6.9 10.3
236 25.8 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

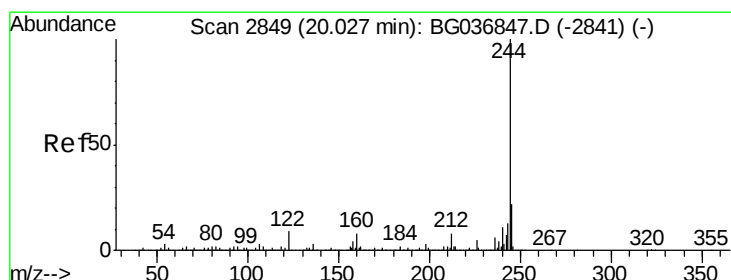
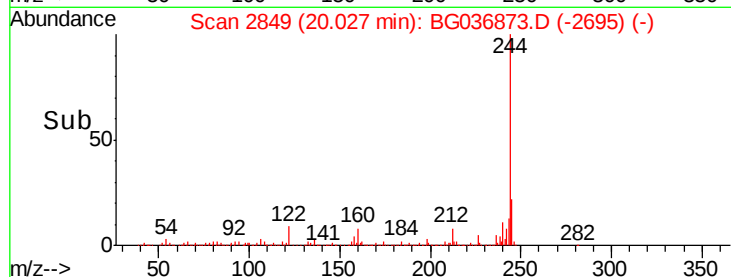
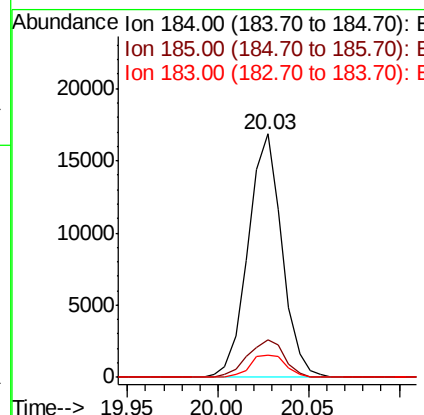
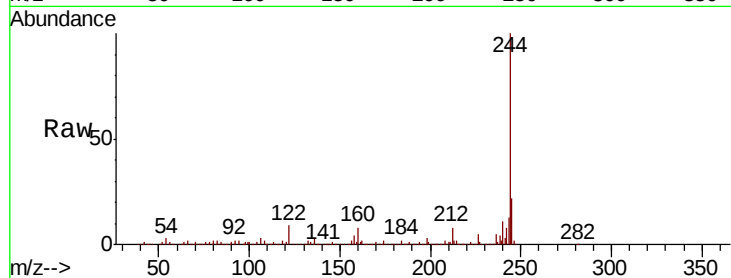




#76
Benzidine
Concen: 2.118 ng
RT: 20.03 min Scan# 2849
Delta R.T. 0.38 min
Lab File: BG036873.D
Acq: 22 Sep 2018 00:35

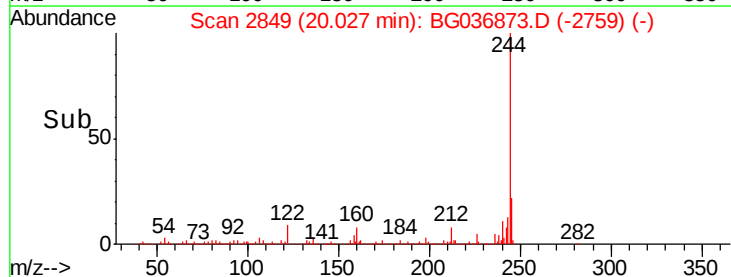
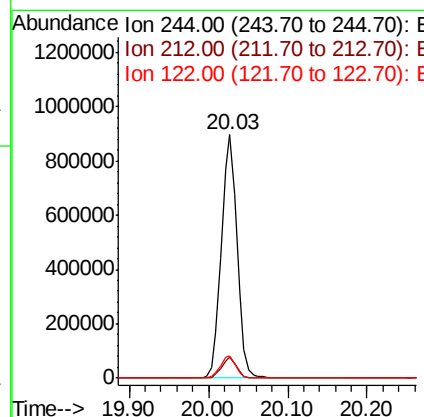
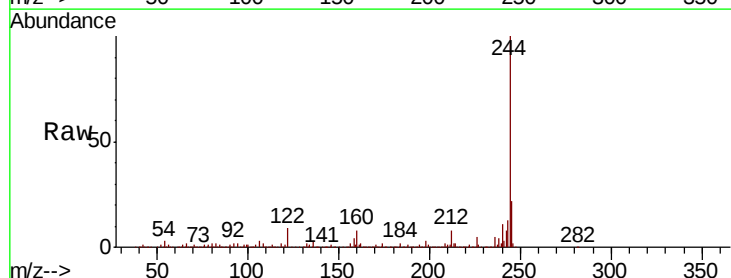
Instrument :
BNA_G
ClientSampleId :
PL-04-092018-C

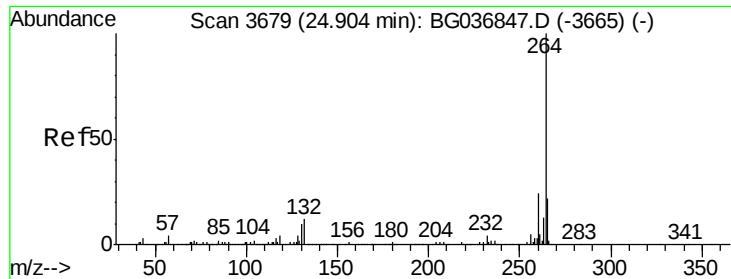
Tgt Ion:184 Resp: 21832
Ion Ratio Lower Upper
184 100
185 15.4 12.6 18.8
183 9.1 10.9 16.3#



#78
Terphenyl-d14
Concen: 95.044 ng
RT: 20.03 min Scan# 2849
Delta R.T. 0.00 min
Lab File: BG036873.D
Acq: 22 Sep 2018 00:35

Tgt Ion:244 Resp: 1232352
Ion Ratio Lower Upper
244 100
212 8.4 7.0 10.6
122 9.3 7.1 10.7

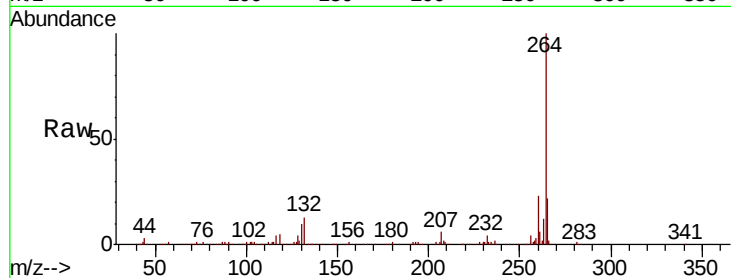




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3678
Delta R.T. -0.01 min
Lab File: BG036873.D
Acq: 22 Sep 2018 00:35

Instrument :
BNA_G
ClientSampleId :
PL-04-092018-C

Tgt Ion:	264	Resp:	309332
Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.6	29.4
265	21.5	17.4	26.0



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

