

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091918\
 Data File : BG036842.D
 Acq On : 20 Sep 2018 10:09
 Operator : JU/SJ
 Sample : PB112998BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 20 11:33:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

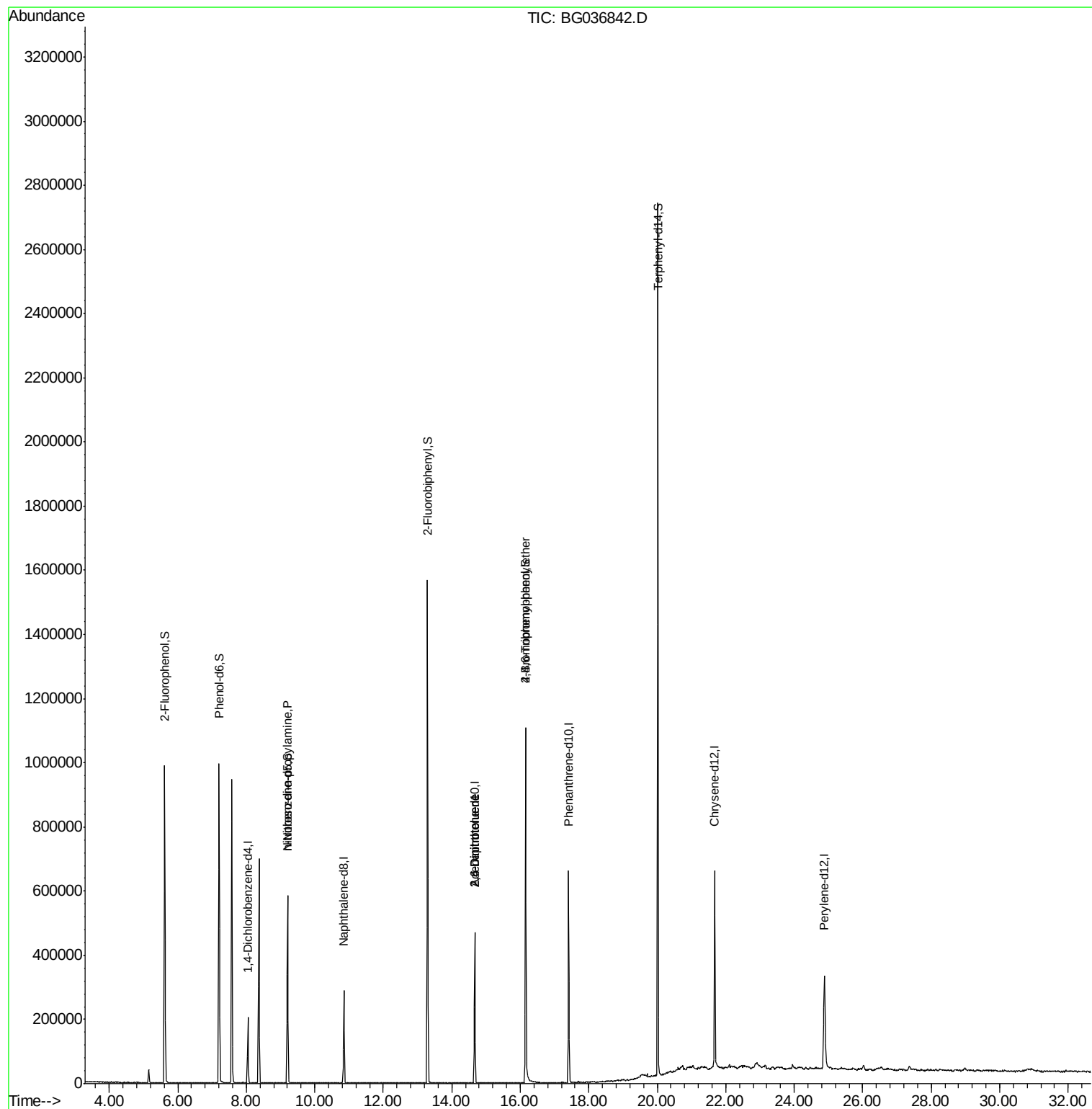
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	59552	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	242968	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	160817	20.00	ng	-0.02
63) Phenanthrene-d10	17.41	188	409061	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	371420	20.00	ng	-0.02
86) Perylene-d12	24.88	264	366058	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	401904	107.06	ng	0.00
7) Phenol-d6	7.21	99	564234	104.97	ng	-0.01
23) Nitrobenzene-d5	9.20	82	351439	78.48	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	218468	113.85	ng	-0.02
44) 2-Fluorobiphenyl	13.29	172	811408	72.04	ng	-0.02
78) Terphenyl-d14	20.02	244	1256903	79.10	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	47095	11.724	ng	# 70
50) 2,6-Dinitrotoluene	14.67	165	20968	7.760	ng	# 22
56) 2,4-Dinitrotoluene	14.67	165	20968	5.954	ng	# 20
66) 4-Bromophenyl-phenylether	16.16	248	15227	3.179	ng	# 1

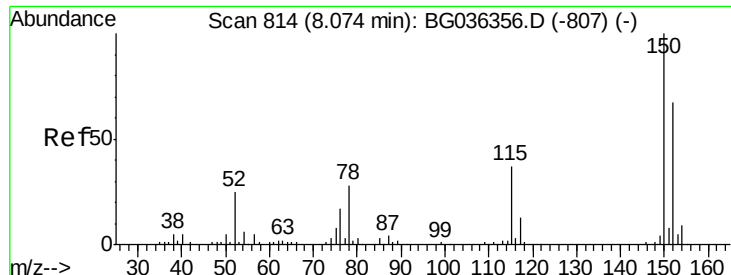
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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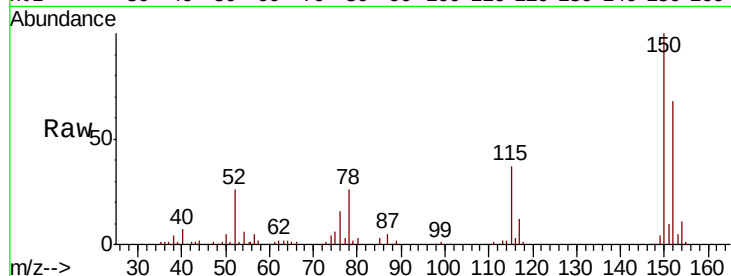




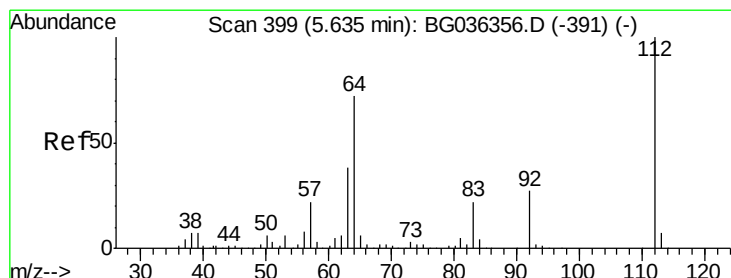
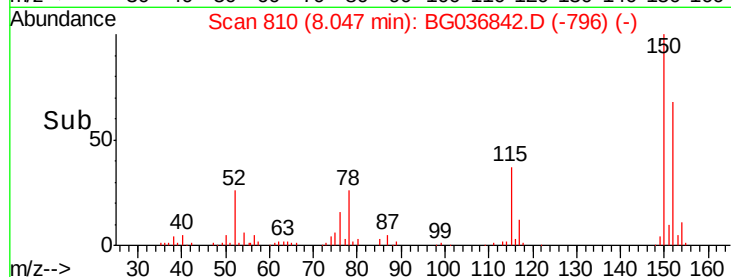
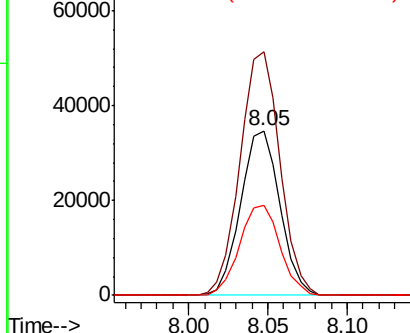
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 810
 Delta R.T. -0.02 min
 Lab File: BG036842.D
 Acq: 20 Sep 2018 10:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 59552
 Ion Ratio Lower Upper
 152 100
 150 147.7 119.5 179.3
 115 54.4 44.5 66.7

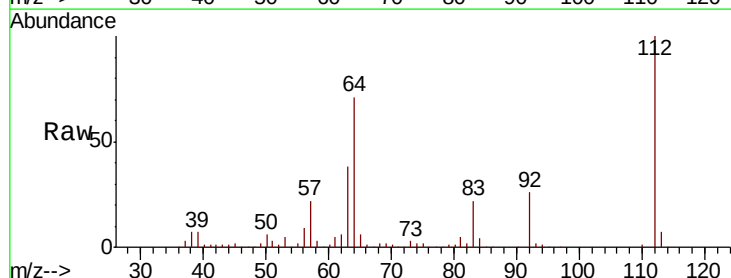


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

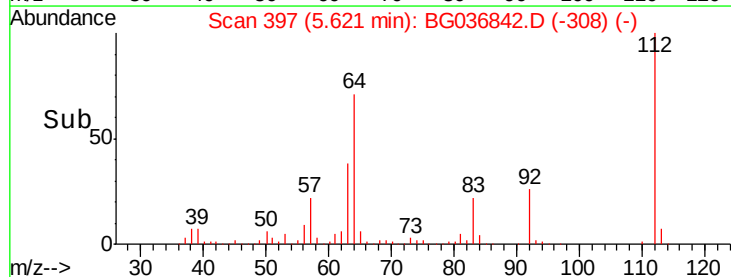
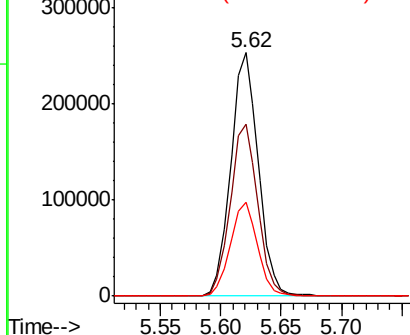


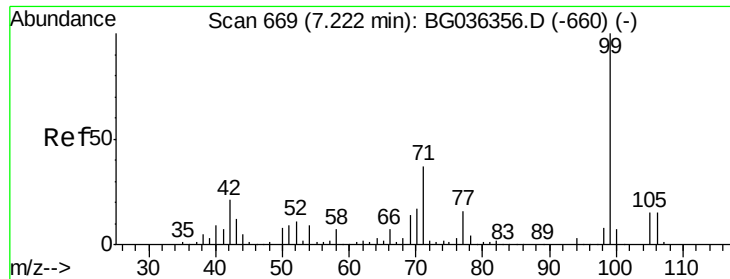
#5
 2-Fluorophenol
 Concen: 107.056 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.00 min
 Lab File: BG036842.D
 Acq: 20 Sep 2018 10:09

Tgt Ion:112 Resp: 401904
 Ion Ratio Lower Upper
 112 100
 64 70.8 57.2 85.8
 63 38.3 30.8 46.2



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: 104.973 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036842.D

Acq: 20 Sep 2018 10:09

Instrument :

BNA_G

ClientSampleId :

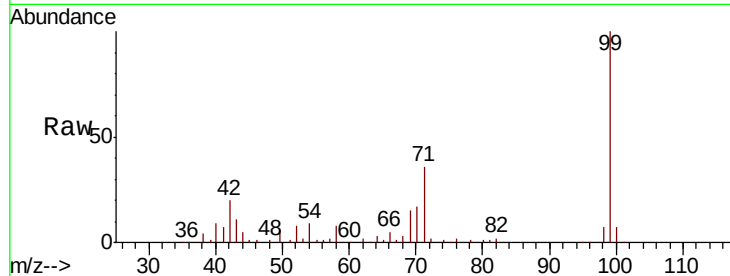
Tot Ion: 99 Resp: 564234

Ion Ratio Lower Upper

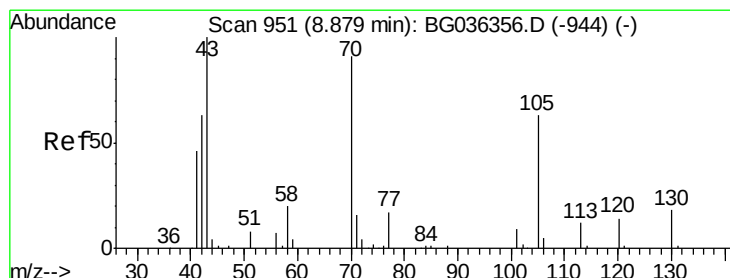
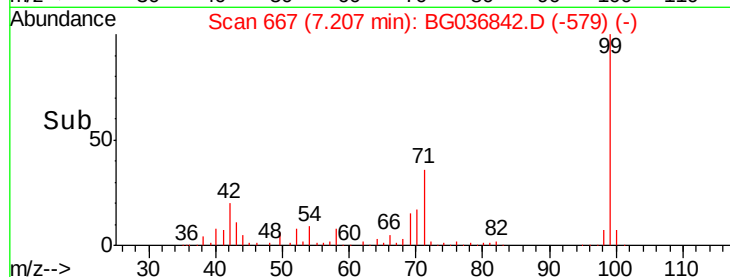
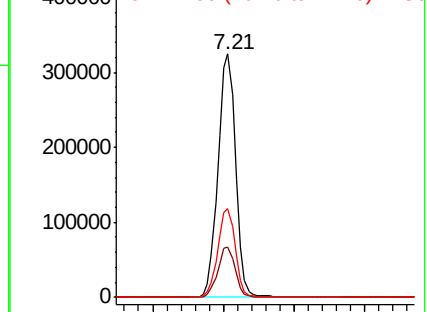
99 100

42 20.5 16.5 24.7

71 36.2 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: 11.724 ng

RT: 9.20 min Scan# 1007

Delta R.T. 0.34 min

Lab File: BG036842.D

Acq: 20 Sep 2018 10:09

Tgt Ion: 70 Resp: 47095

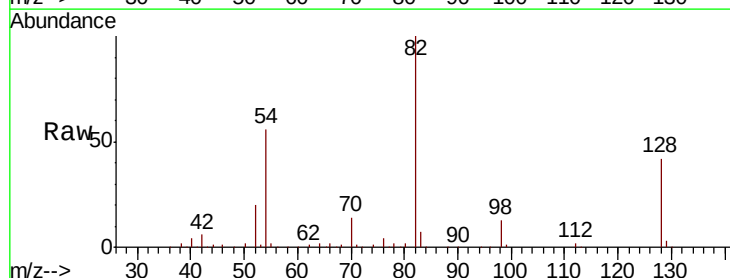
Ion Ratio Lower Upper

70 100

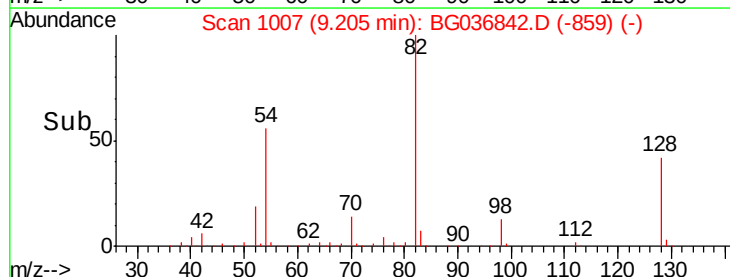
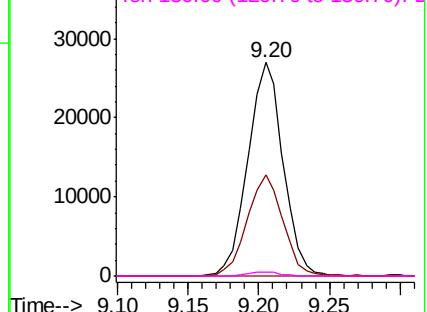
42 47.3 56.2 84.4#

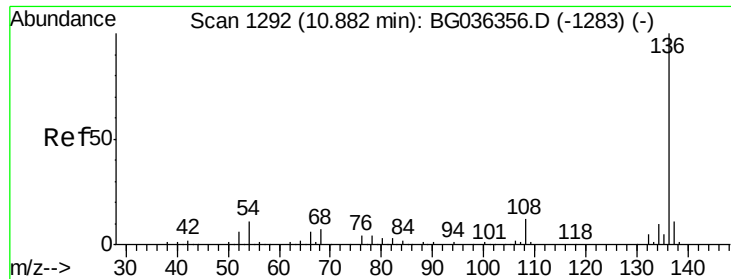
101 0.0 7.8 11.6#

130 2.1 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

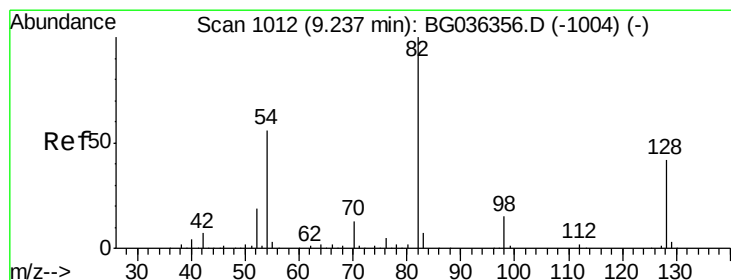
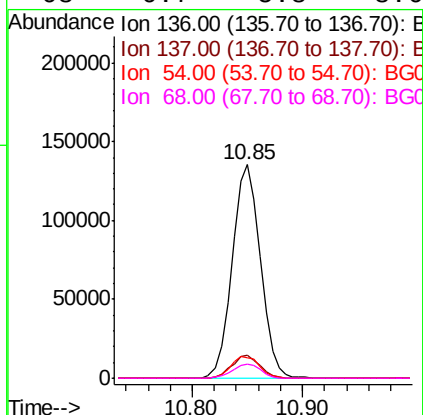
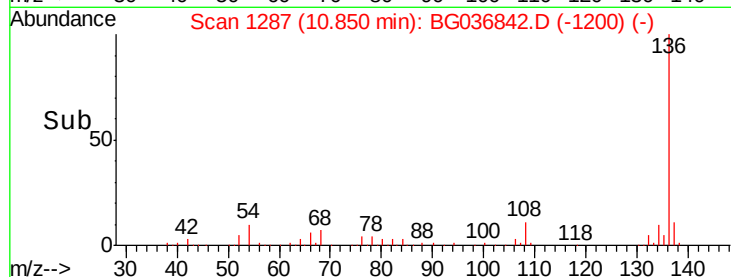
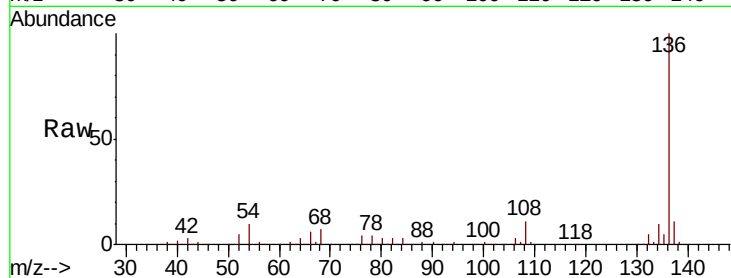




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BG036842.D
Acq: 20 Sep 2018 10:09

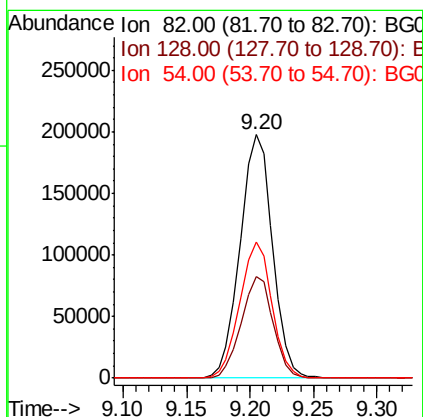
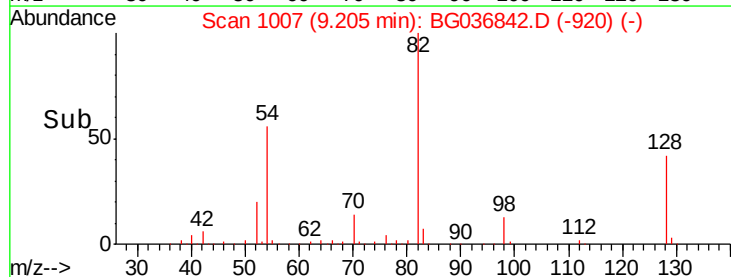
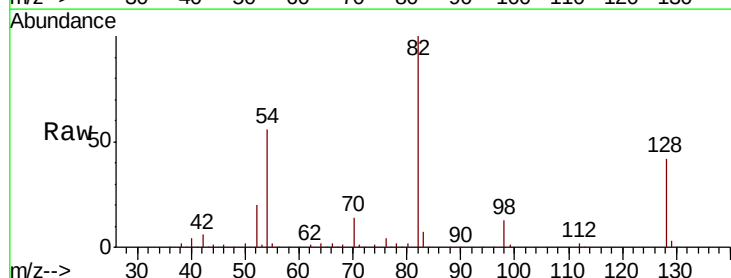
Instrument :
BNA_G
ClientSampleId :

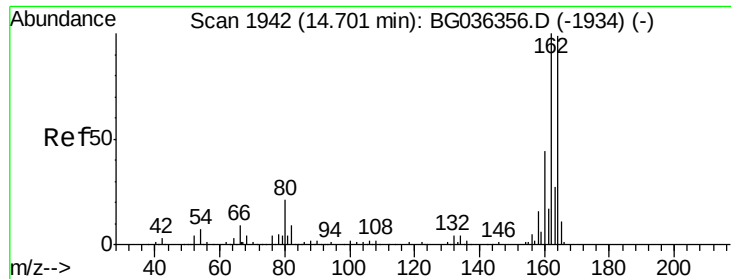
Tot Ion:	136	Resp:	242968
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	9.9	9.2	13.8
68	6.7	5.8	8.6



#23
Nitrobenzene-d5
Concen: 78.479 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BG036842.D
Acq: 20 Sep 2018 10:09

Tgt Ion:	82	Resp:	351439
Ion	Ratio	Lower	Upper
82	100		
128	41.6	33.3	49.9
54	56.0	45.1	67.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1937

Delta R.T. -0.02 min

Lab File: BG036842.D

Acq: 20 Sep 2018 10:09

Instrument :

BNA_G

ClientSampled :

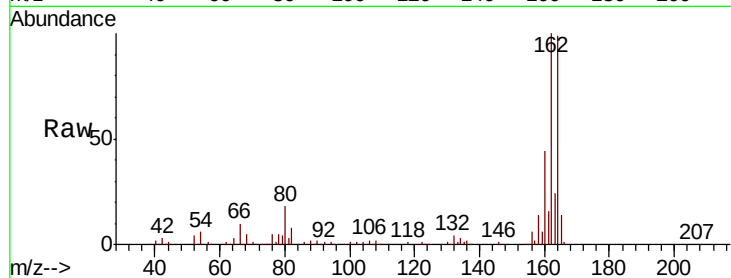
Tot Ion:164 Resp: 160817

Ion Ratio Lower Upper

164 100

162 100.6 80.7 121.1

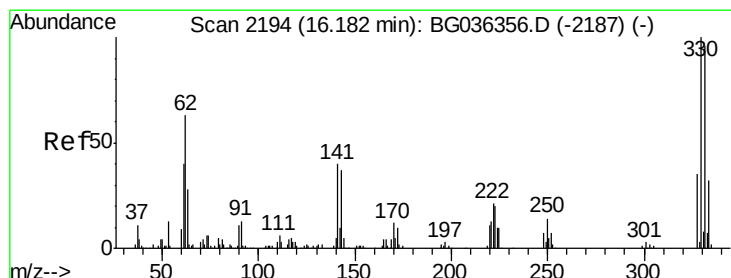
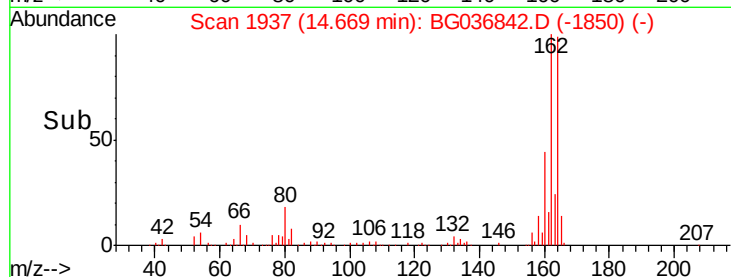
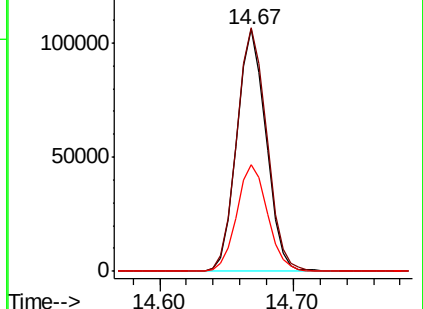
160 43.8 35.3 52.9



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: 113.850 ng

RT: 16.16 min Scan# 2190

Delta R.T. -0.02 min

Lab File: BG036842.D

Acq: 20 Sep 2018 10:09

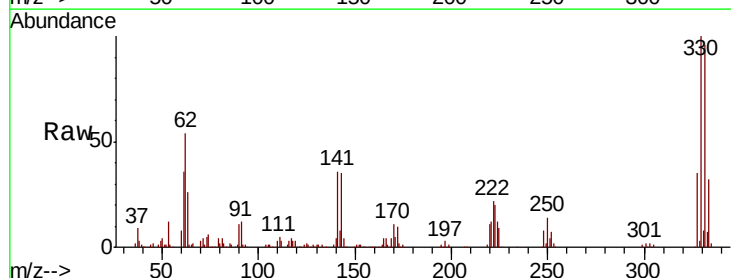
Tgt Ion:330 Resp: 218468

Ion Ratio Lower Upper

330 100

332 97.1 75.4 113.2

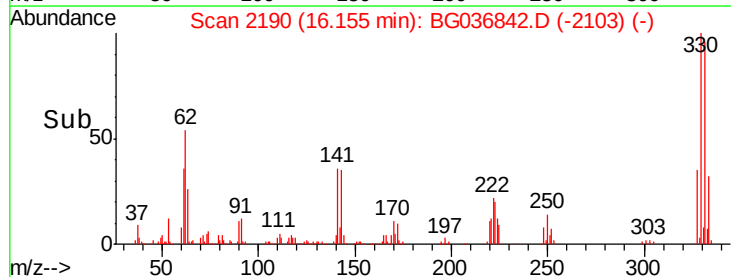
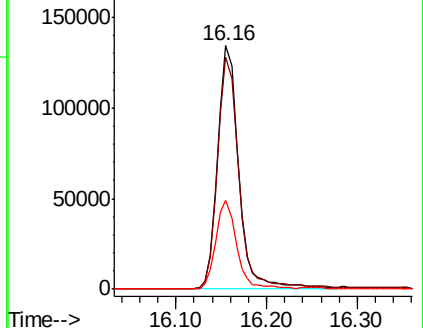
141 35.8 30.7 46.1

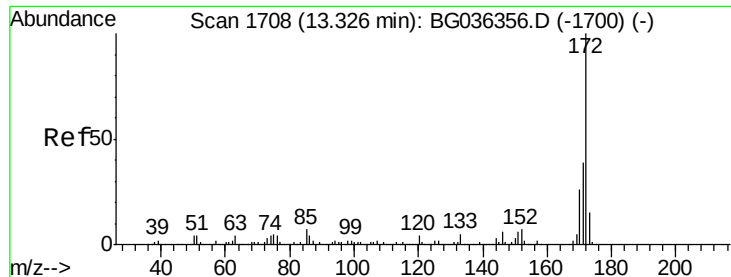


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

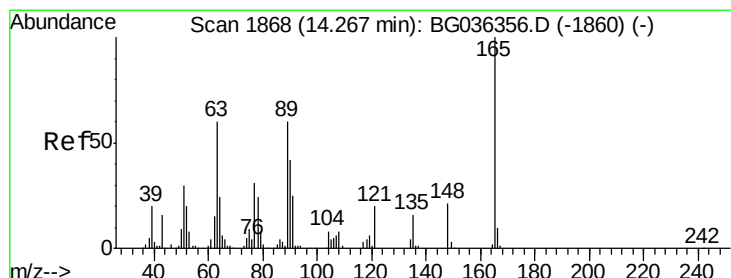
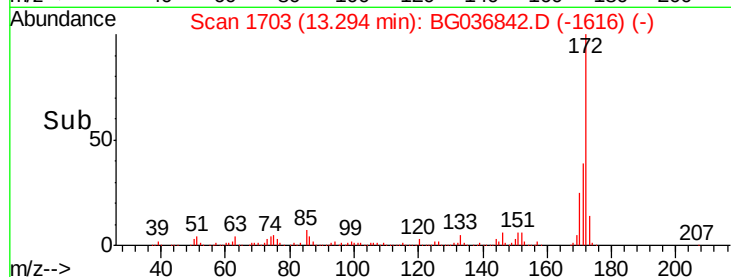
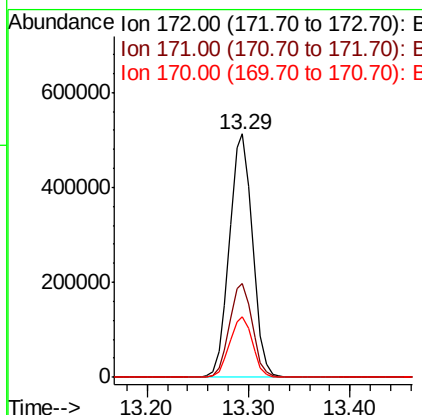
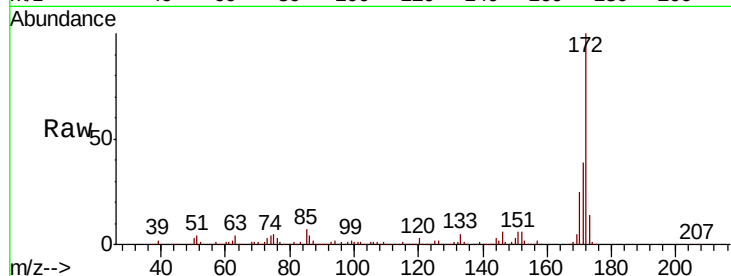




#44
 2-Fluorobiphenyl
 Concen: 72.041 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.02 min
 Lab File: BG036842.D
 Acq: 20 Sep 2018 10:09

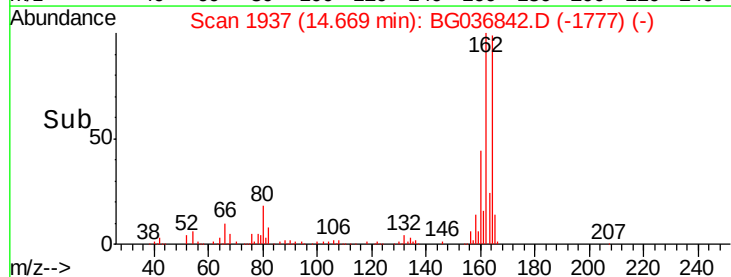
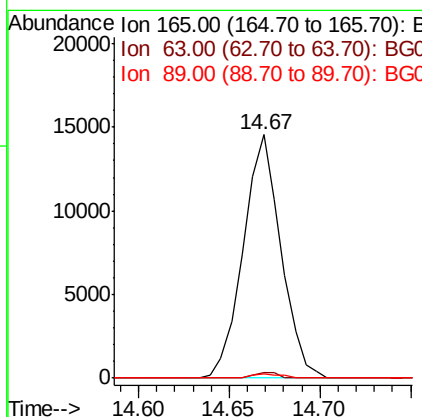
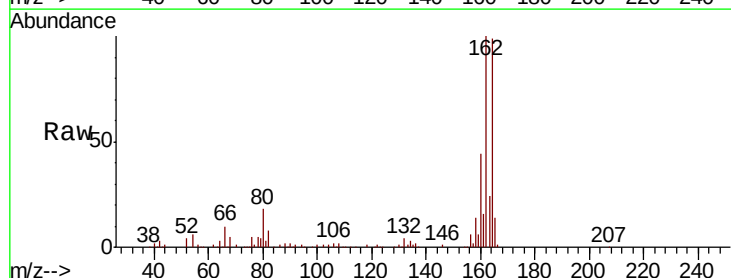
Instrument :
 BNA_G
 ClientSampleId :

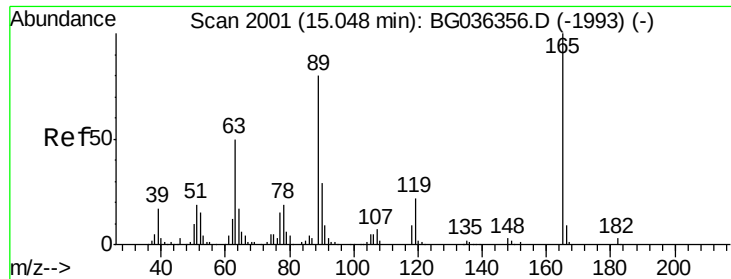
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.8	31.3	46.9
170	25.0	21.0	31.6



#50
 2,6-Dinitrotoluene
 Concen: 7.760 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. 0.41 min
 Lab File: BG036842.D
 Acq: 20 Sep 2018 10:09

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.1	50.1	75.1#
89	1.5	47.8	71.6#

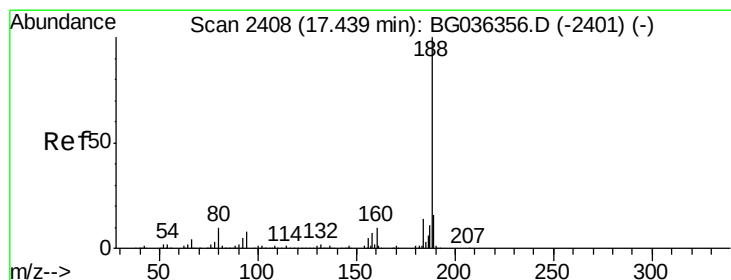
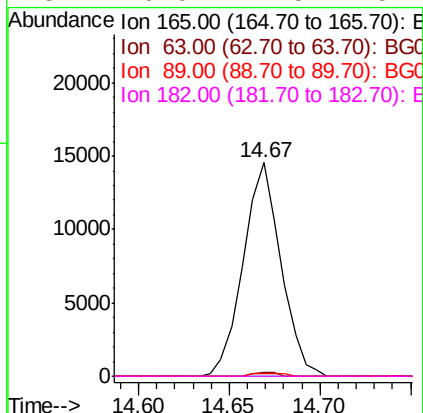
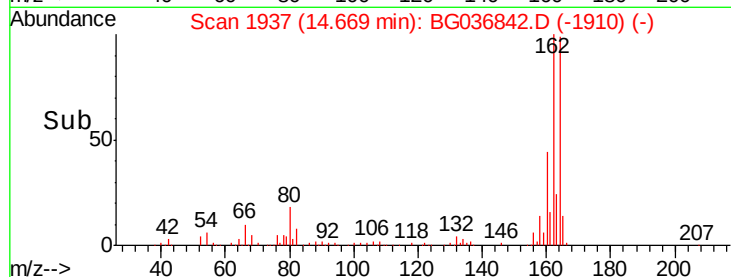
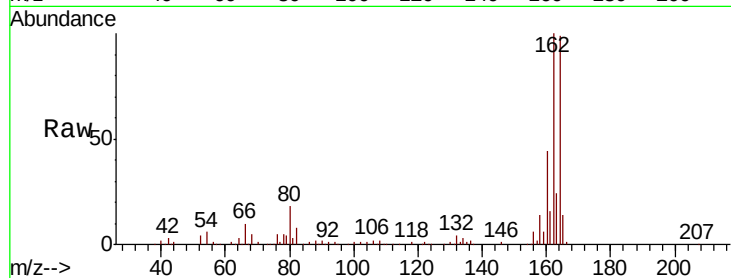




#56
 2,4-Dinitrotoluene
 Concen: 5.954 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.37 min
 Lab File: BG036842.D
 Acq: 20 Sep 2018 10:09

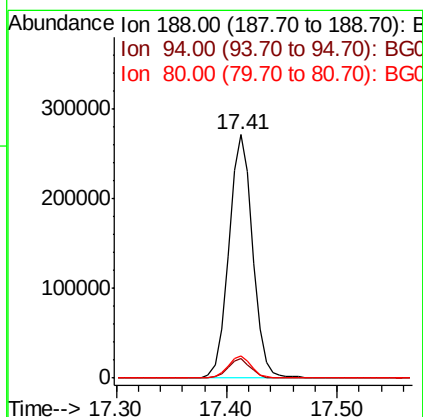
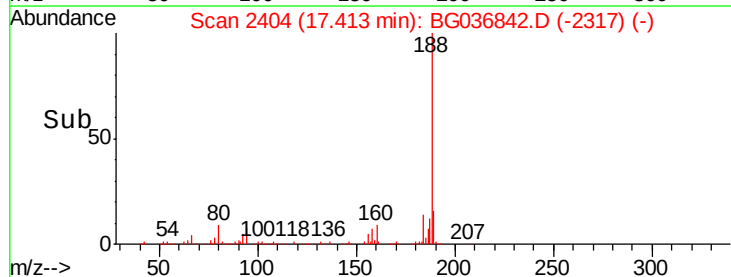
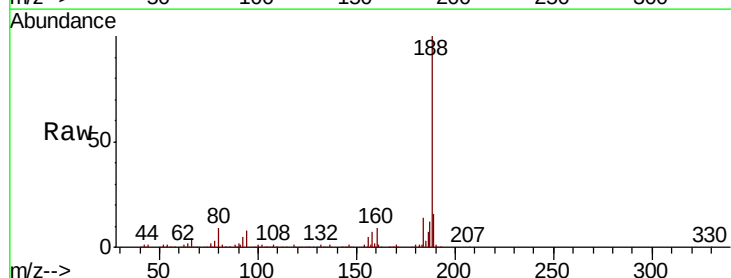
Instrument :
 BNA_G
 ClientSampleId :

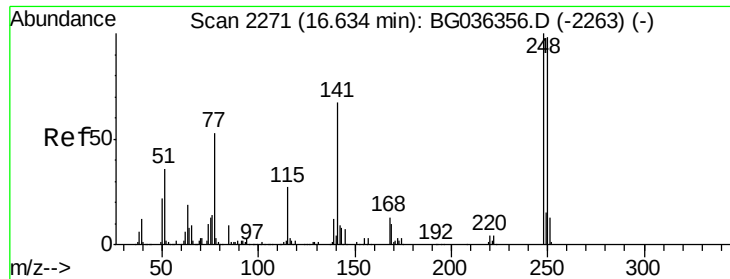
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.1	40.1	60.1#
89	1.5	63.7	95.5#
182	0.0	2.5	3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2404
 Delta R.T. -0.02 min
 Lab File: BG036842.D
 Acq: 20 Sep 2018 10:09

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.7	10.1
80	9.2	8.1	12.1

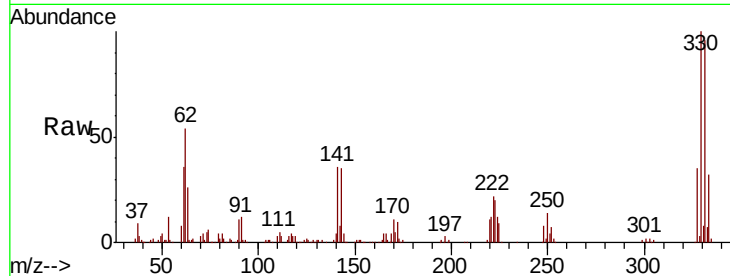




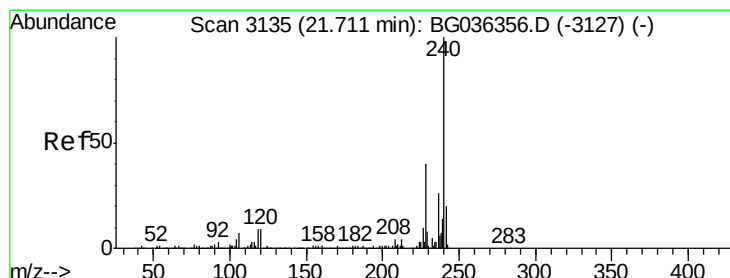
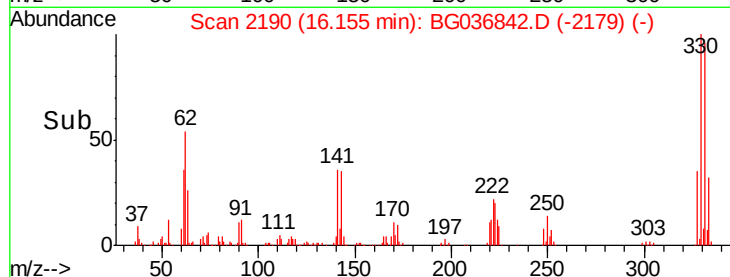
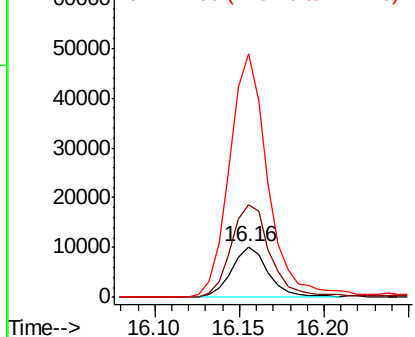
#66
 4-Bromophenyl-phenylether
 Concen: 3.179 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.46 min
 Lab File: BG036842.D
 Acq: 20 Sep 2018 10:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 15227
 Ion Ratio Lower Upper
 248 100
 250 183.6 78.1 117.1#
 141 483.3 53.7 80.5#

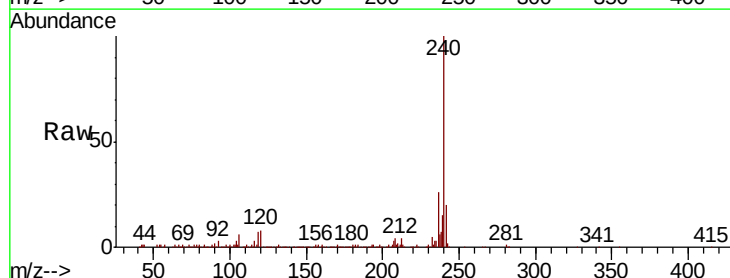


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

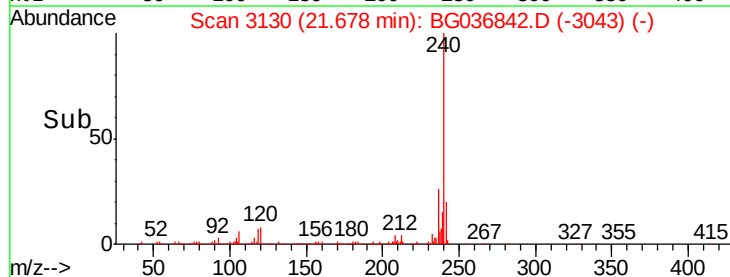
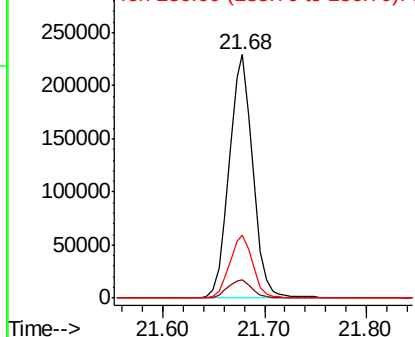


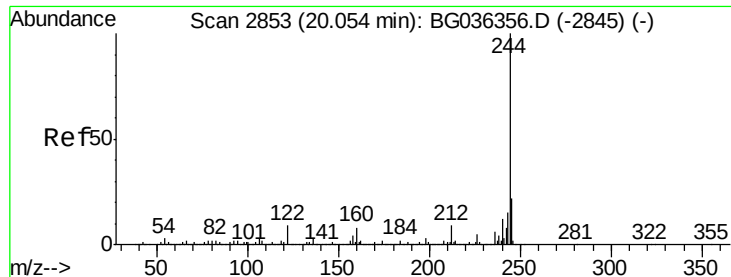
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3130
 Delta R.T. -0.02 min
 Lab File: BG036842.D
 Acq: 20 Sep 2018 10:09

Tgt Ion:240 Resp: 371420
 Ion Ratio Lower Upper
 240 100
 120 7.7 6.9 10.3
 236 25.9 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





#78

Terphenyl-d14

Concen: 79.097 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036842.D

Acq: 20 Sep 2018 10:09

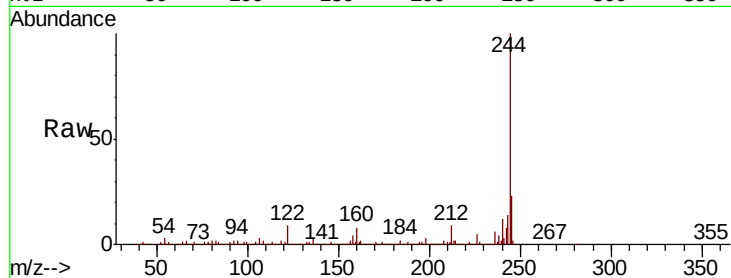
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1256903

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.0	10.6
122	8.6	7.1	10.7

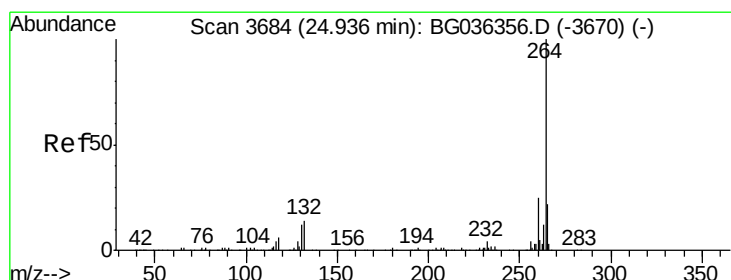
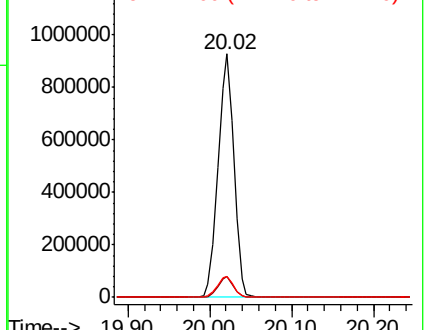
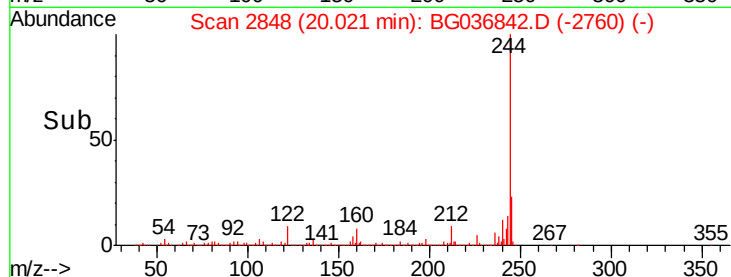


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.88 min Scan# 3675

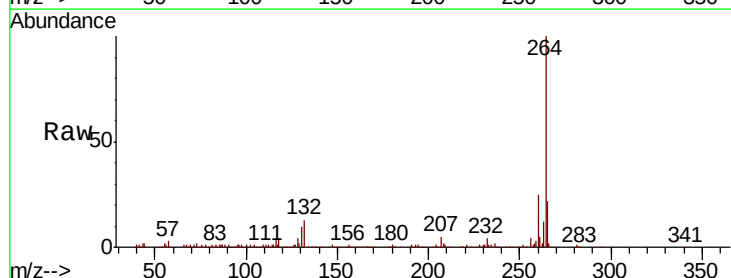
Delta R.T. -0.02 min

Lab File: BG036842.D

Acq: 20 Sep 2018 10:09

Tgt Ion:264 Resp: 366058

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.6	29.4
265	21.6	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

