

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091018\
 Data File : BG036646.D
 Acq On : 11 Sep 2018 4:46
 Operator : JU/SJ
 Sample : J4829-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 11 07:28:46 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

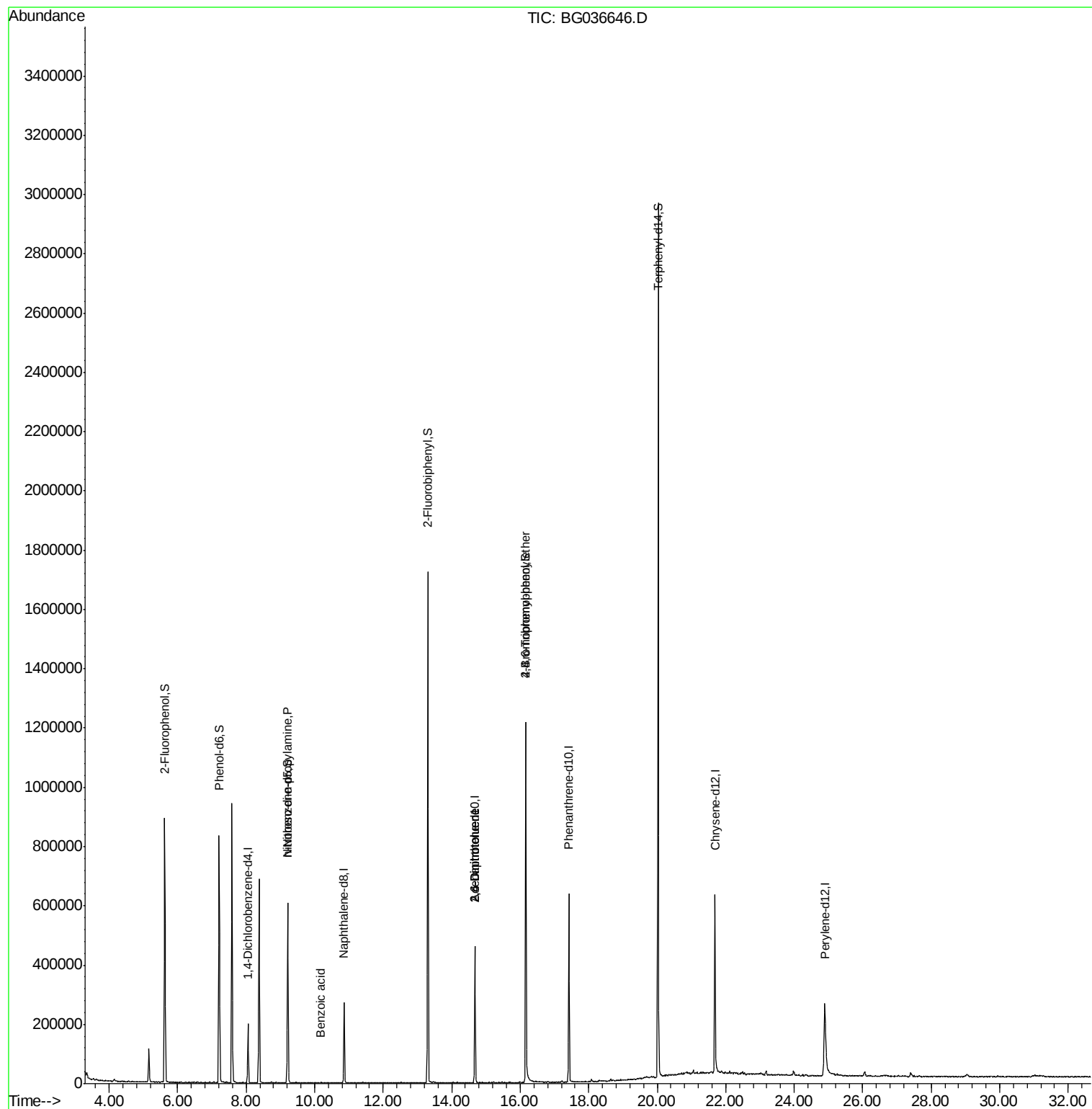
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	54611	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	237852	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	162428	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	404769	20.00	ng	0.00
75) Chrysene-d12	21.69	240	407194	20.00	ng	0.00
86) Perylene-d12	24.89	264	358342	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	375218	108.99	ng	0.00
7) Phenol-d6	7.21	99	488785	99.16	ng	0.00
23) Nitrobenzene-d5	9.21	82	370614	84.54	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	246250	127.06	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	876105	77.01	ng	0.00
78) Terphenyl-d14	20.03	244	1451742	83.33	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	49724	13.498	ng	# 69
32) Benzoic acid	10.18	122	54	4.498	ng	# 1
50) 2,6-Dinitrotoluene	14.68	165	20817	7.628	ng	# 21
56) 2,4-Dinitrotoluene	14.68	165	20817	5.852	ng	# 19
66) 4-Bromophenyl-phenylether	16.16	248	16978	3.583	ng	# 1

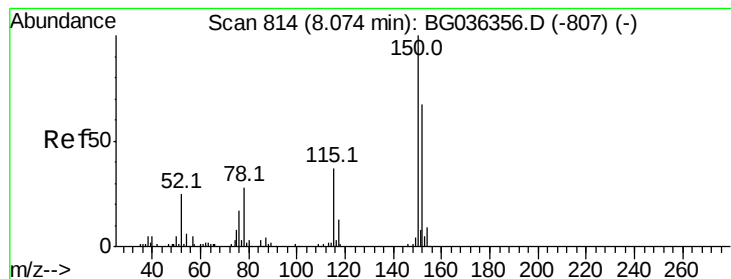
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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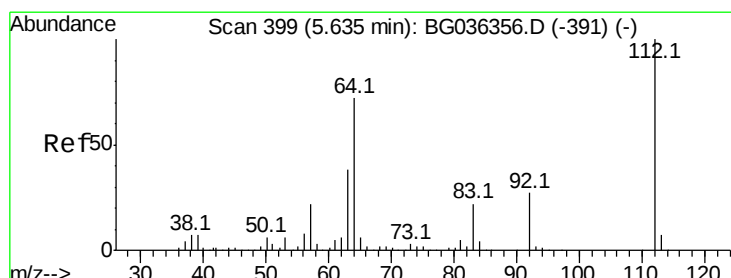
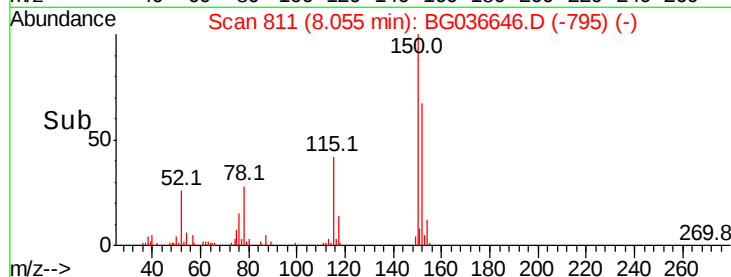
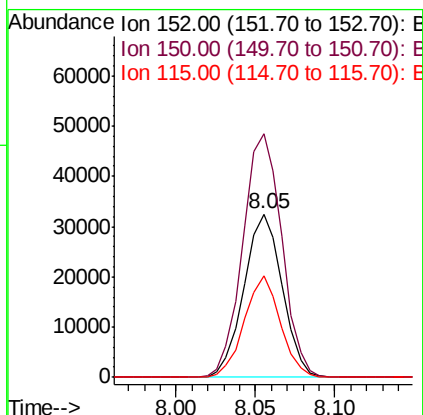
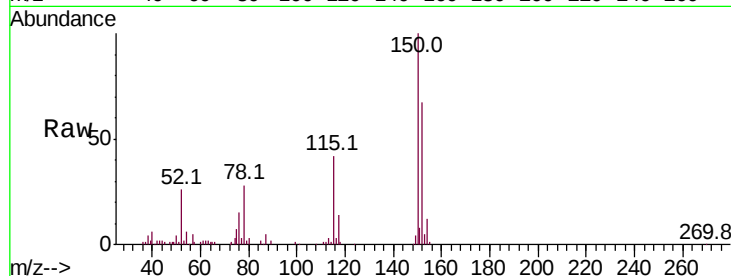


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036646.D
Acq: 11 Sep 2018 4:46

Instrument :
BNA_G
ClientSampleId :

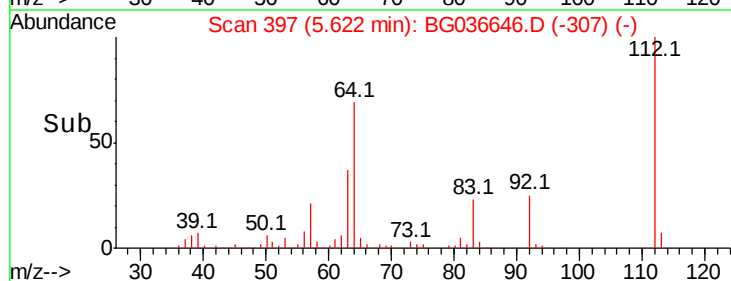
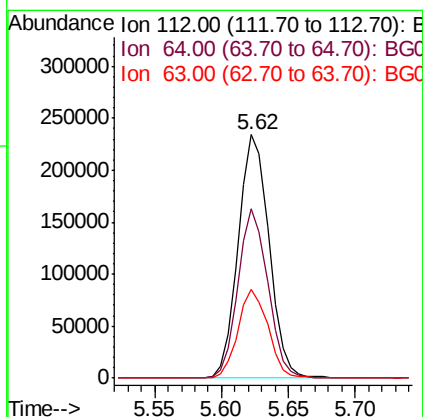
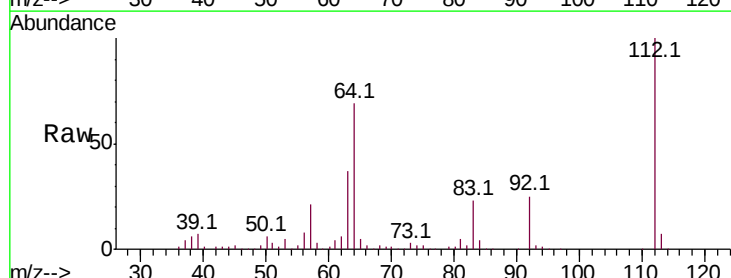
Tot Ion:152 Resp: 54611
Ion Ratio Lower Upper
152 100
150 149.0 119.5 179.3
115 62.4 44.5 66.7

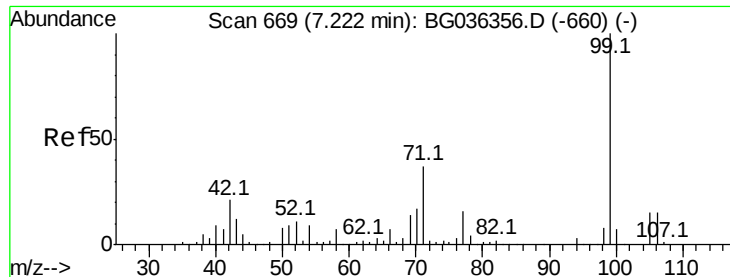


#5

2-Fluorophenol
Concen: 108.990 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036646.D
Acq: 11 Sep 2018 4:46

Tgt Ion:112 Resp: 375218
Ion Ratio Lower Upper
112 100
64 69.4 57.2 85.8
63 36.5 30.8 46.2





#7

Phenol-d6

Concen: 99.164 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036646.D

Acq: 11 Sep 2018 4:46

Instrument :

BNA_G

ClientSampleId :

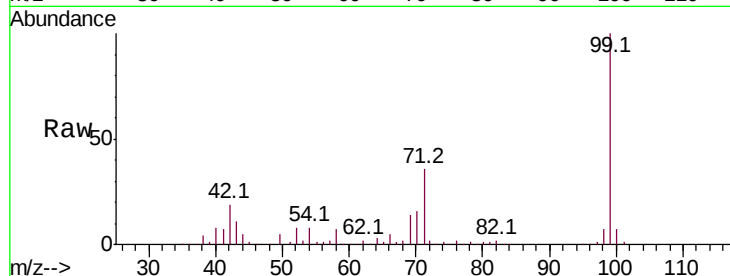
Tot Ion: 99 Resp: 488785

Ion Ratio Lower Upper

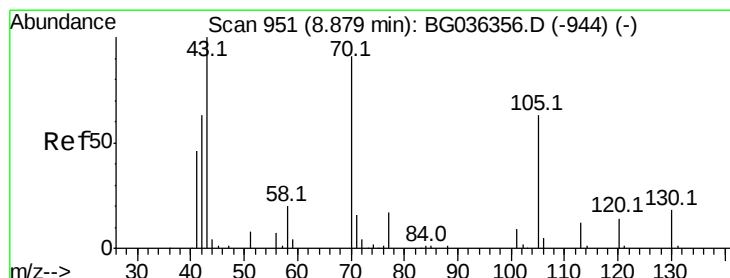
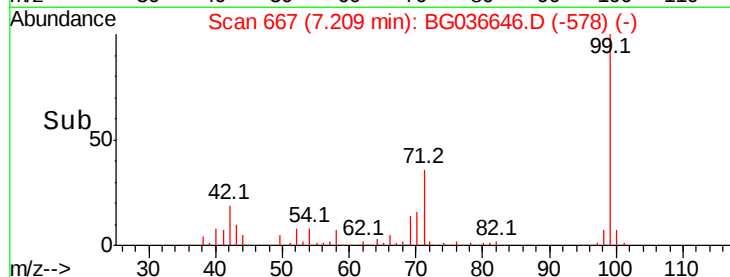
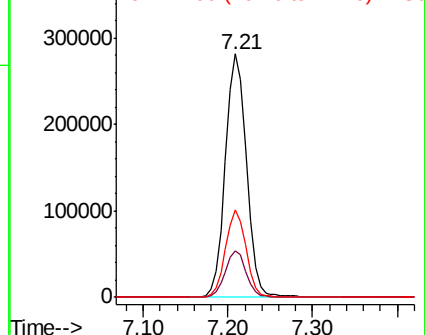
99 100

42 19.4 16.5 24.7

71 35.9 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: 13.498 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.35 min

Lab File: BG036646.D

Acq: 11 Sep 2018 4:46

Tgt Ion: 70 Resp: 49724

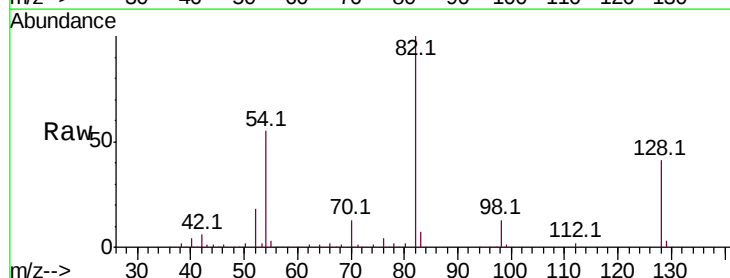
Ion Ratio Lower Upper

70 100

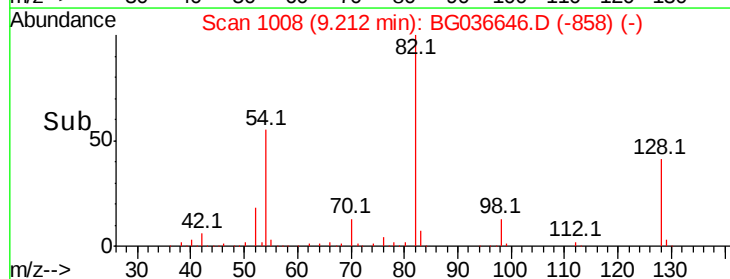
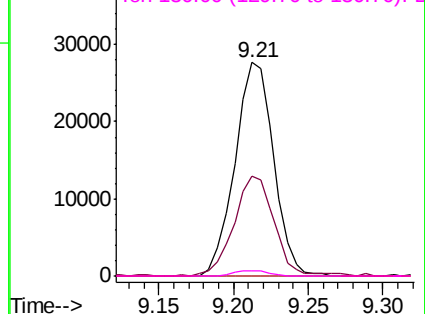
42 46.6 56.2 84.4#

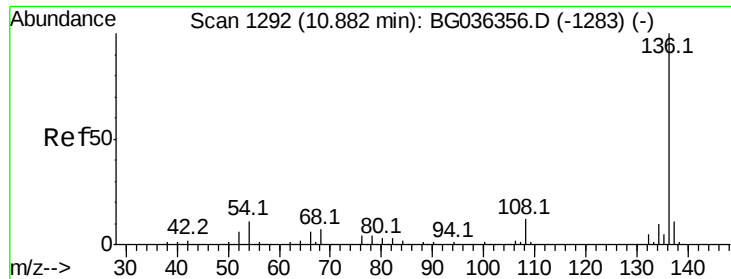
101 0.0 7.8 11.6#

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

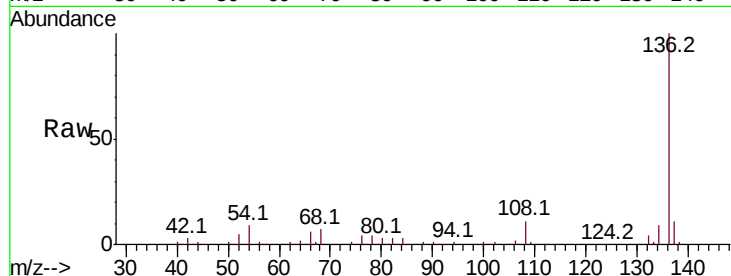




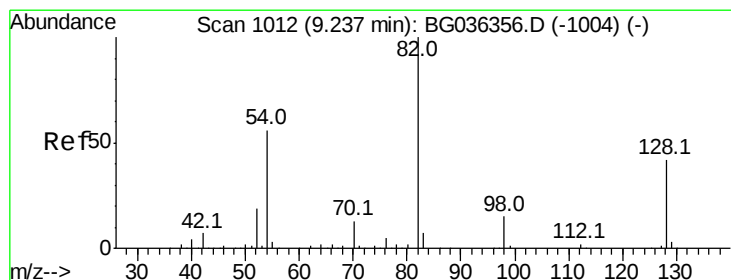
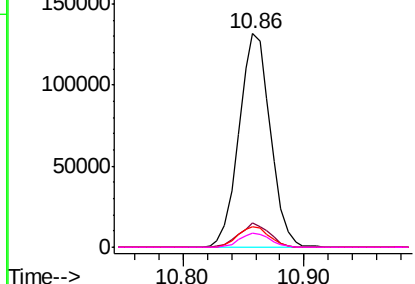
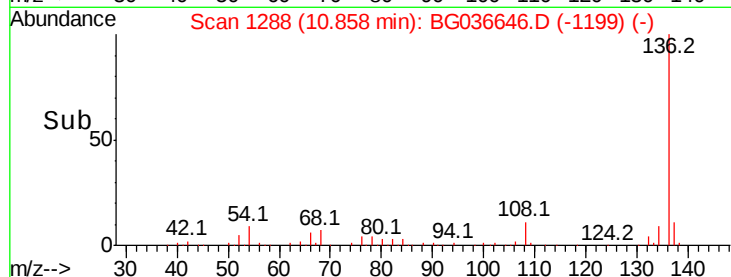
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG036646.D
Acq: 11 Sep 2018 4:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	237852
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	9.5	9.2	13.8
68	6.6	5.8	8.6

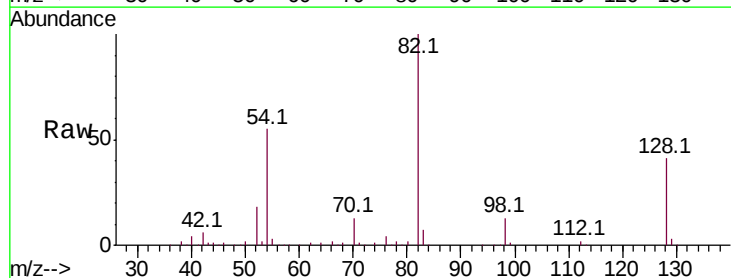


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

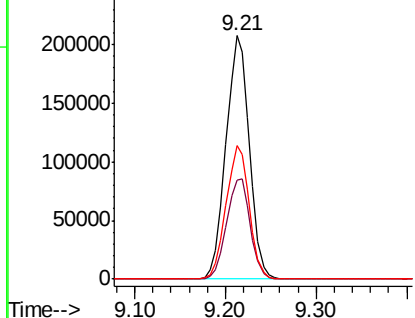
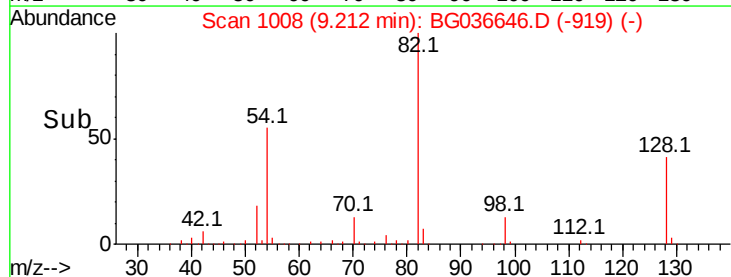


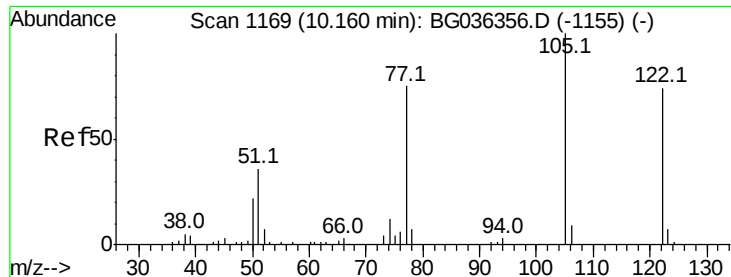
#23
Nitrobenzene-d5
Concen: 84.541 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036646.D
Acq: 11 Sep 2018 4:46

Tgt Ion:	82	Resp:	370614
Ion	Ratio	Lower	Upper
82	100		
128	40.9	33.3	49.9
54	54.9	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





#32

Benzoic acid

Concen: 4.498 ng

RT: 10.18 min Scan# 1172

Delta R.T. 0.02 min

Lab File: BG036646.D

Acq: 11 Sep 2018 4:46

Instrument :

BNA_G

ClientSampled :

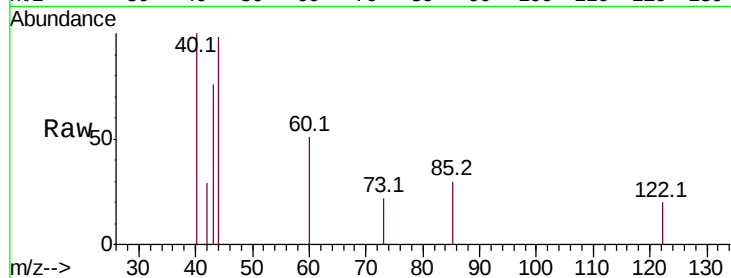
Tot Ion:122 Resp: 54

Ion Ratio Lower Upper

122 100

105 0.0 108.1 148.1#

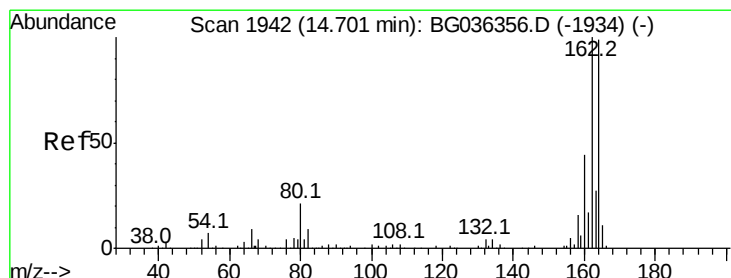
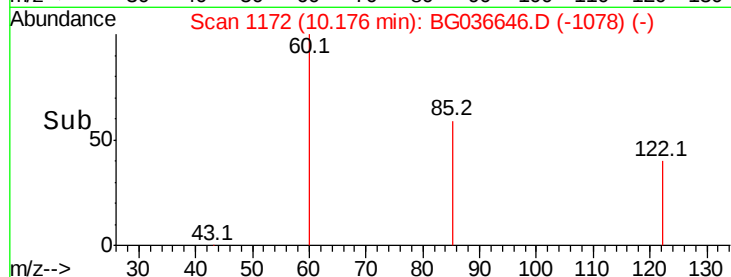
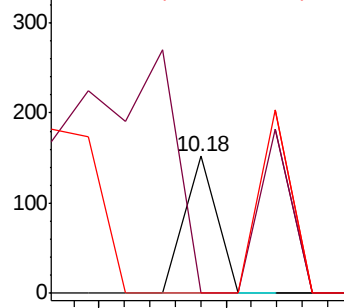
77 0.0 76.3 116.3#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG036646.D

Acq: 11 Sep 2018 4:46

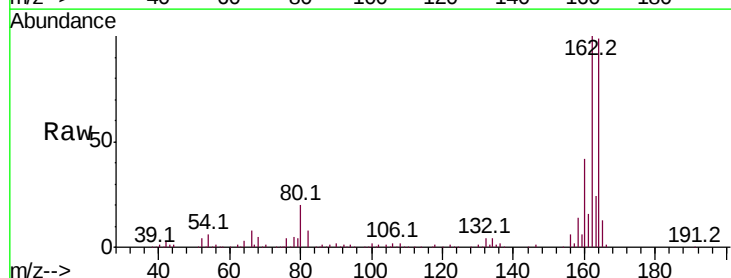
Tgt Ion:164 Resp: 162428

Ion Ratio Lower Upper

164 100

162 101.5 80.7 121.1

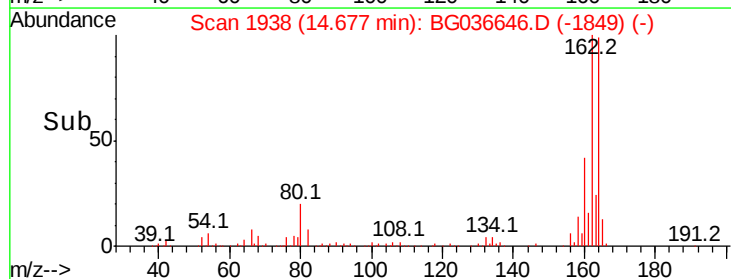
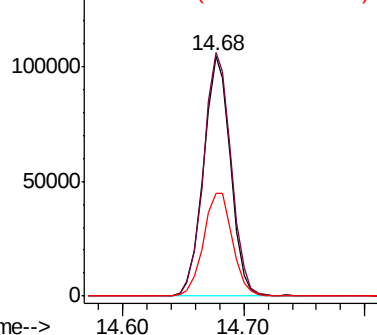
160 43.0 35.3 52.9

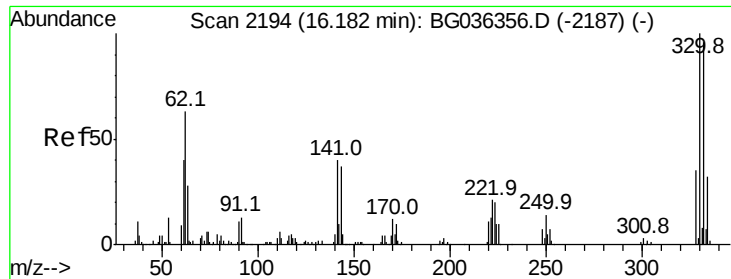


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

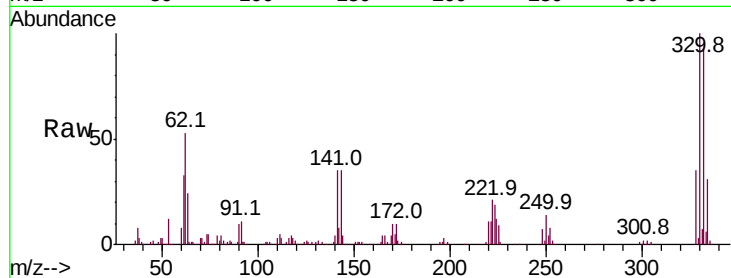




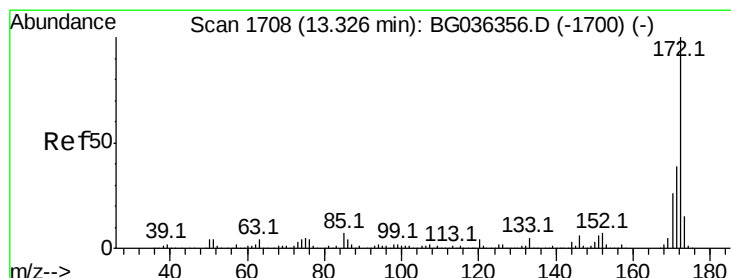
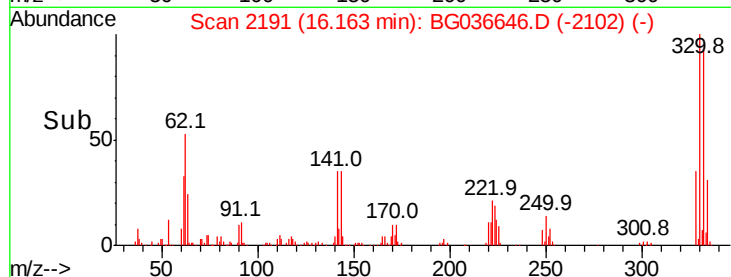
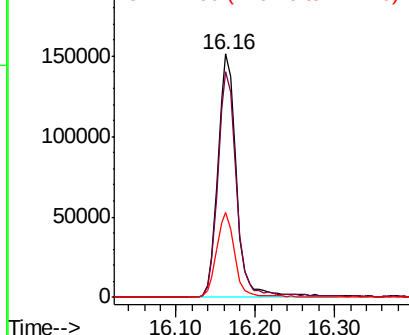
#41
 2,4,6-Tribromophenol
 Concen: 127.056 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036646.D
 Acq: 11 Sep 2018 4:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.9	75.4	113.2
141	33.9	30.7	46.1

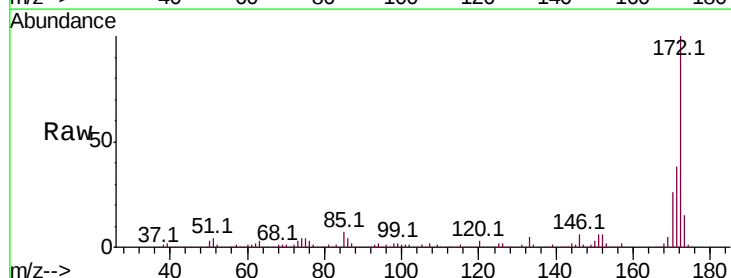


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

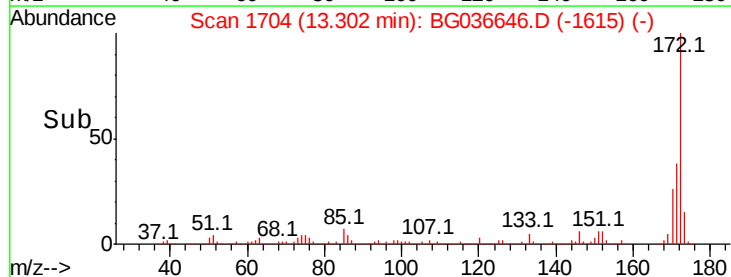
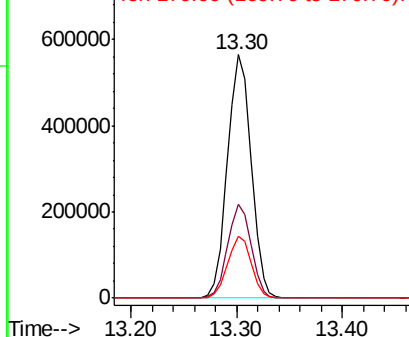


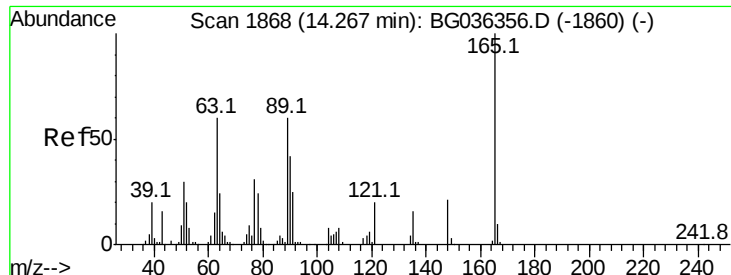
#44
 2-Fluorobiphenyl
 Concen: 77.014 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036646.D
 Acq: 11 Sep 2018 4:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.3	46.9
170	25.5	21.0	31.6



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

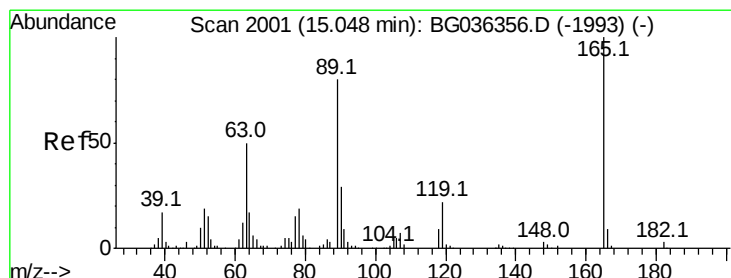
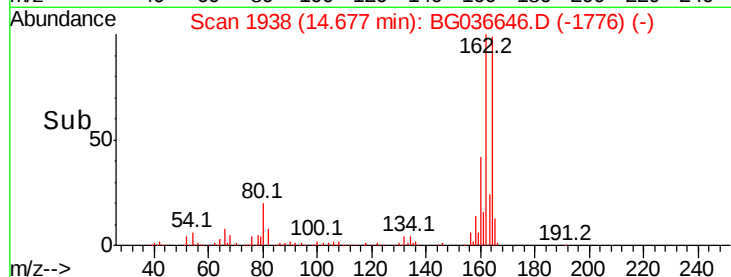
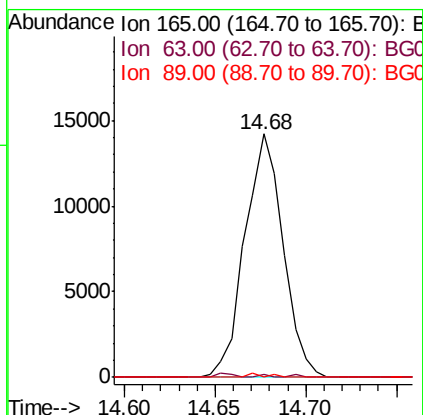
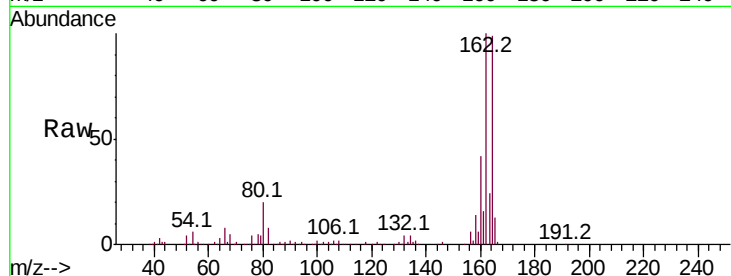




#50
2,6-Dinitrotoluene
Concen: 7.628 ng
RT: 14.68 min Scan# 1938
Delta R.T. 0.42 min
Lab File: BG036646.D
Acq: 11 Sep 2018 4:46

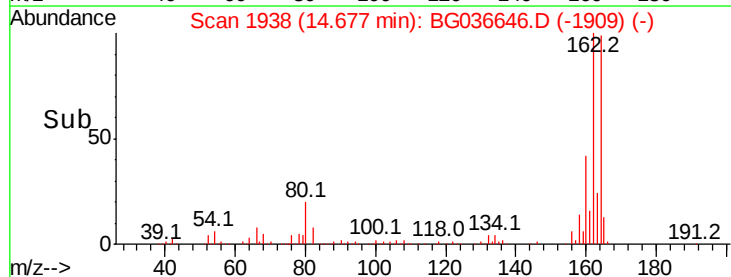
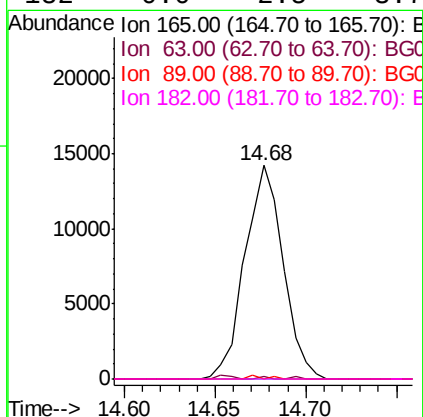
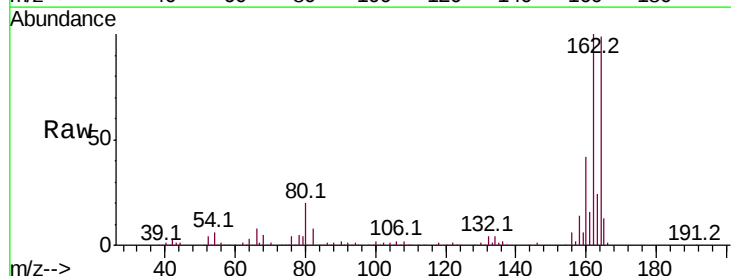
Instrument :
BNA_G
ClientSampleId :

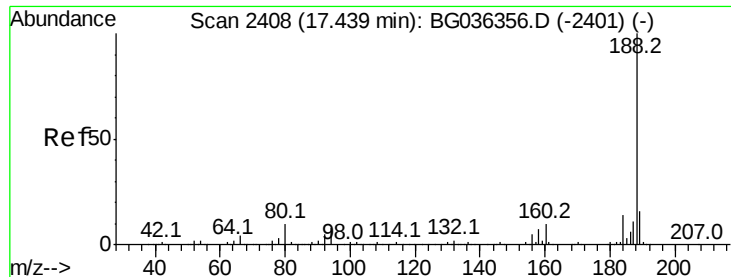
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	50.1	75.1#
89	0.0	47.8	71.6#



#56
2,4-Dinitrotoluene
Concen: 5.852 ng
RT: 14.68 min Scan# 1938
Delta R.T. -0.36 min
Lab File: BG036646.D
Acq: 11 Sep 2018 4:46

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	40.1	60.1#
89	0.0	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. -0.01 min

Lab File: BG036646.D

Acq: 11 Sep 2018 4:46

Instrument :

BNA_G

ClientSampleId :

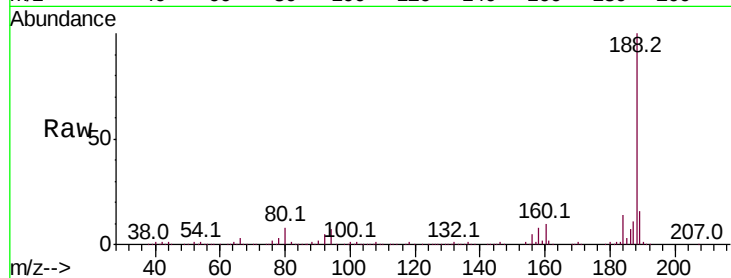
Tot Ion:188 Resp: 404769

Ion Ratio Lower Upper

188 100

94 6.9 6.7 10.1

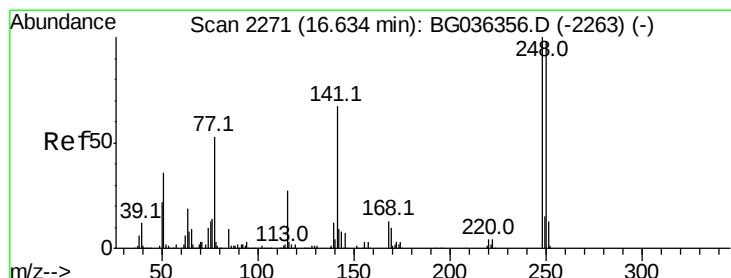
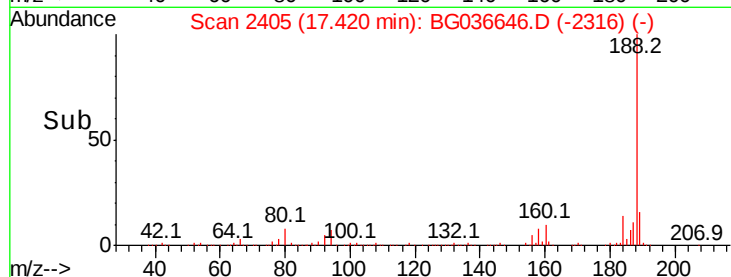
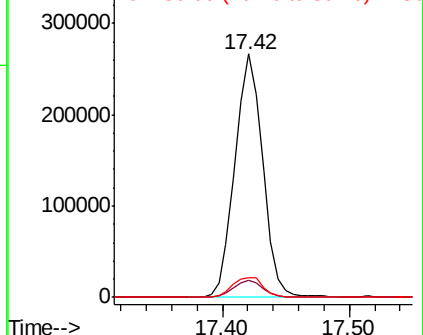
80 8.2 8.1 12.1



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: 3.583 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.46 min

Lab File: BG036646.D

Acq: 11 Sep 2018 4:46

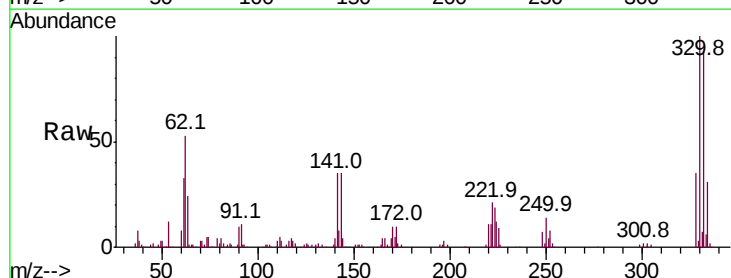
Tgt Ion:248 Resp: 16978

Ion Ratio Lower Upper

248 100

250 196.5 78.1 117.1#

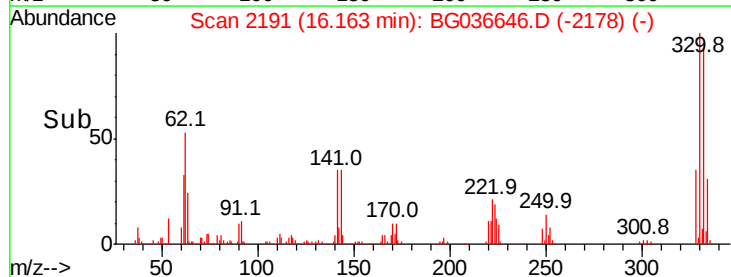
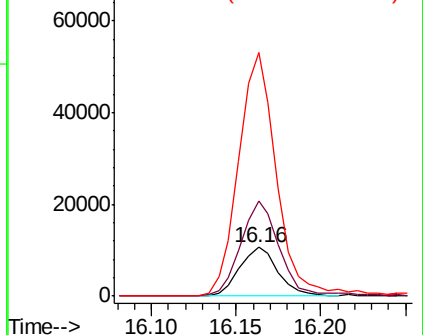
141 500.9 53.7 80.5#

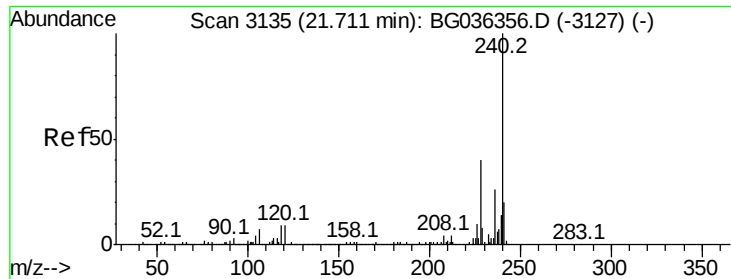


Abundance Ion 248.00 (247.70 to 248.70): E

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: 21.69 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG036646.D

Acq: 11 Sep 2018 4:46

Instrument :

BNA_G

ClientSampleId :

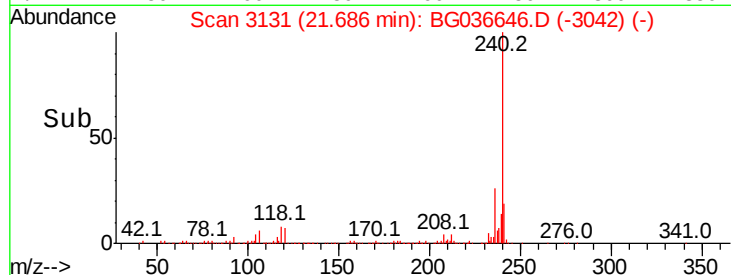
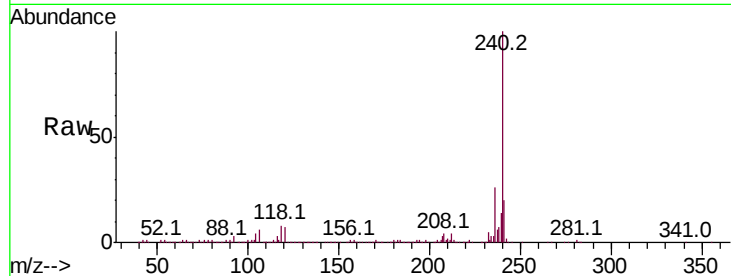
Tot Ion:240 Resp: 407194

Ion Ratio Lower Upper

240 100

120 7.3 6.9 10.3

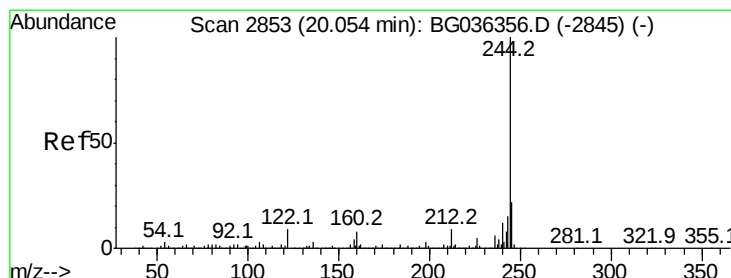
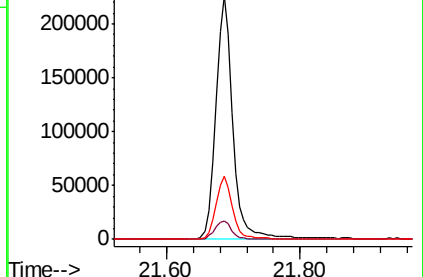
236 26.0 21.2 31.8



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: 83.332 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG036646.D

Acq: 11 Sep 2018 4:46

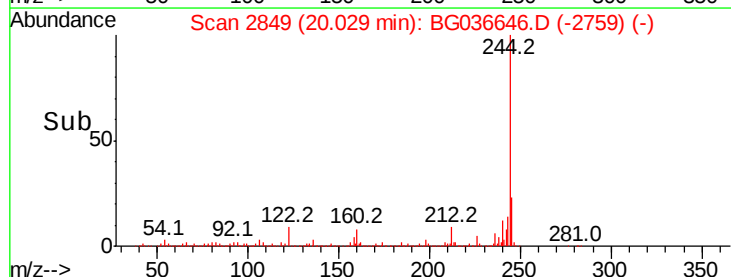
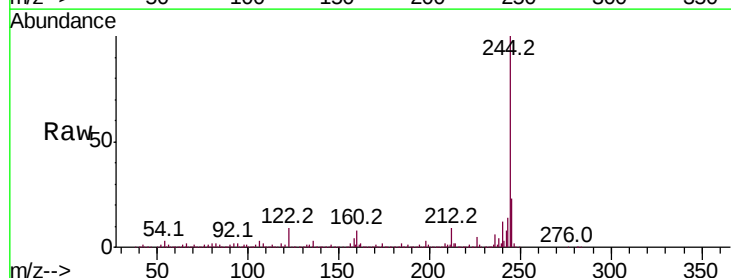
Tgt Ion:244 Resp: 1451742

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.6

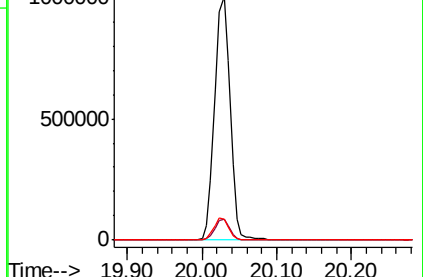
122 8.7 7.1 10.7

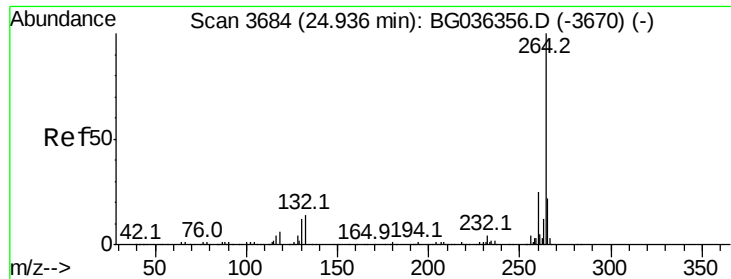


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3676
Delta R.T. -0.01 min
Lab File: BG036646.D
Acq: 11 Sep 2018 4:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.6	29.4
265	20.4	17.4	26.0

