

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091818\
 Data File : BG036806.D
 Acq On : 19 Sep 2018 4:55
 Operator : JU/SJ
 Sample : J4944-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 19 06:41:50 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

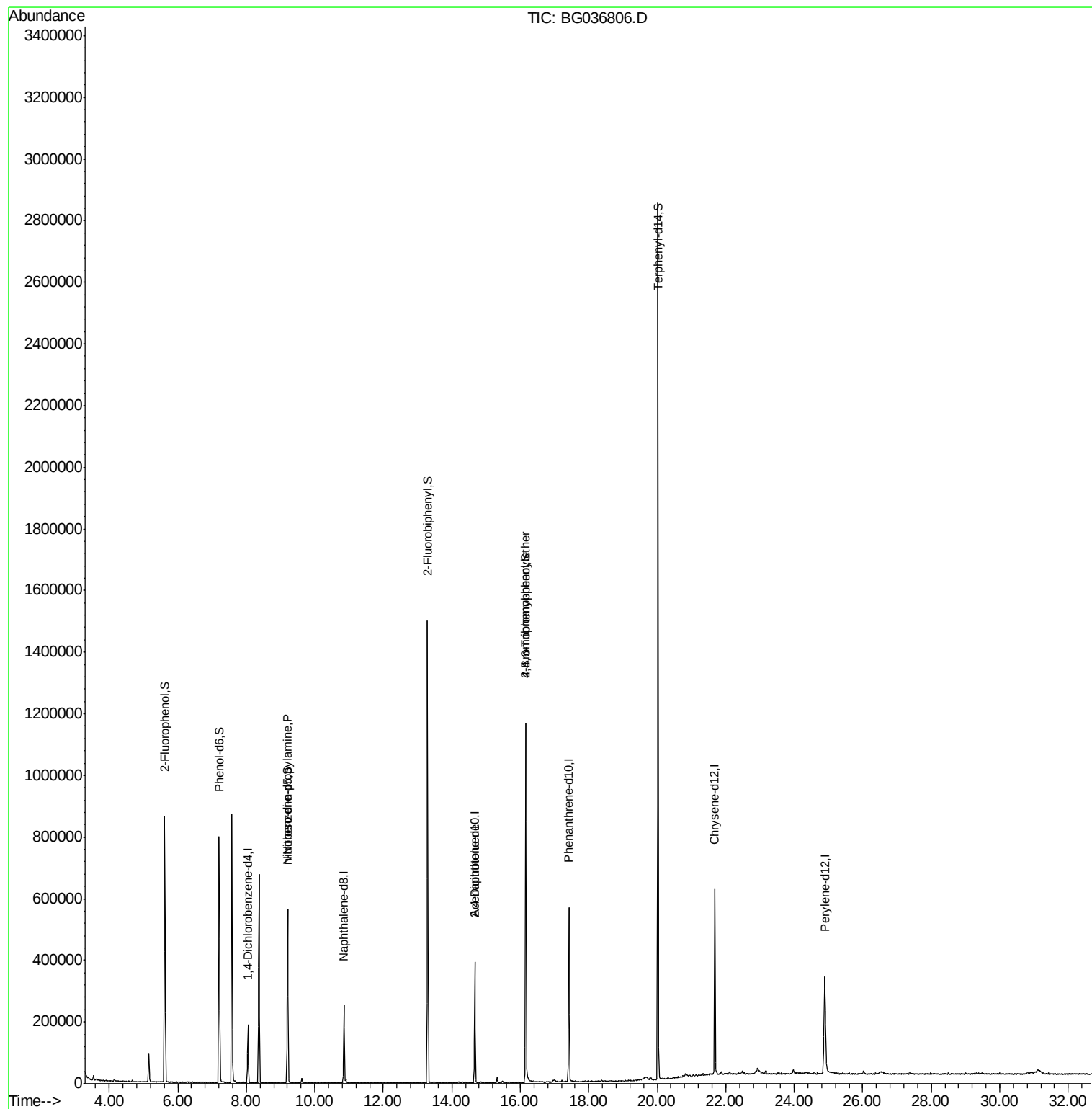
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	51507	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	214303	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	138461	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	357413	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	382821	20.00	ng	-0.02
86) Perylene-d12	24.89	264	373373	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	352964	108.70	ng	0.00
7) Phenol-d6	7.21	99	453001	97.44	ng	-0.01
23) Nitrobenzene-d5	9.21	82	343053	86.85	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	226229	136.93	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	778342	80.26	ng	-0.02
78) Terphenyl-d14	20.03	244	1371653	83.75	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	45765	13.172	ng	# 74
56) 2,4-Dinitrotoluene	14.67	165	17548	5.787	ng	# 18
66) 4-Bromophenyl-phenylether	16.16	248	15805	3.777	ng	# 1

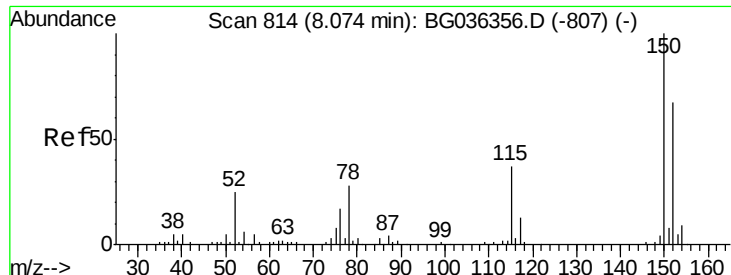
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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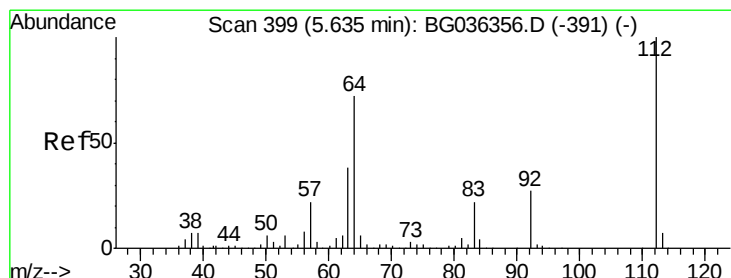
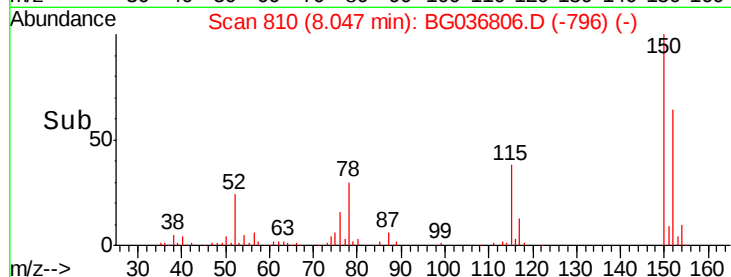
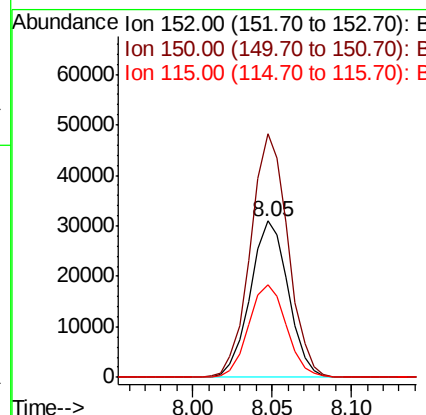
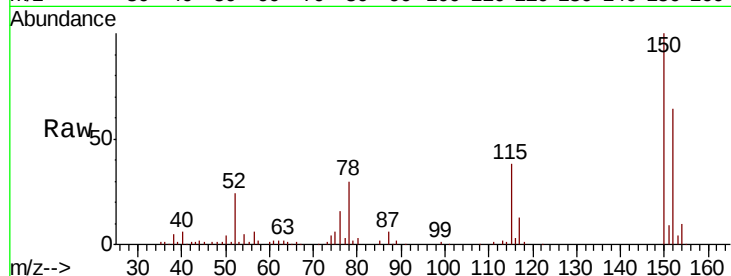




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 810
 Delta R.T. -0.02 min
 Lab File: BG036806.D
 Acq: 19 Sep 2018 4:55

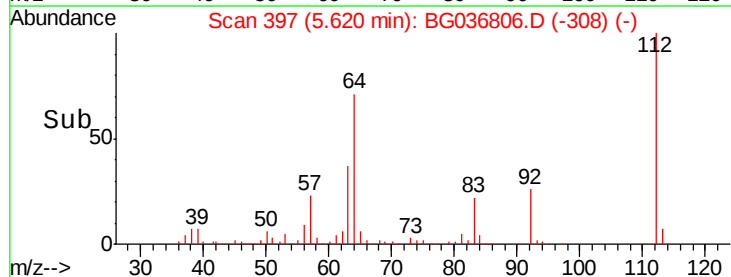
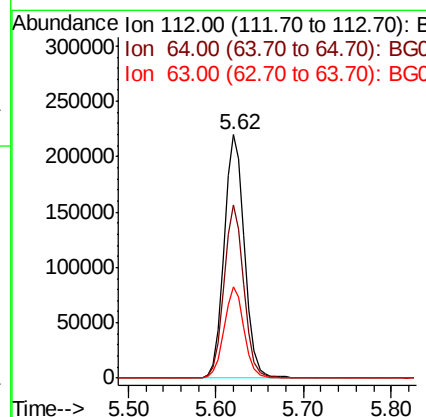
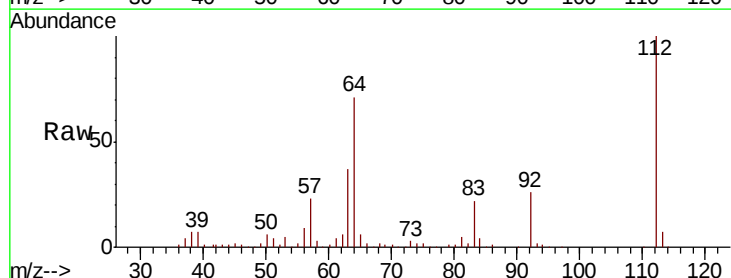
Instrument :
 BNA_G
 ClientSampleId :

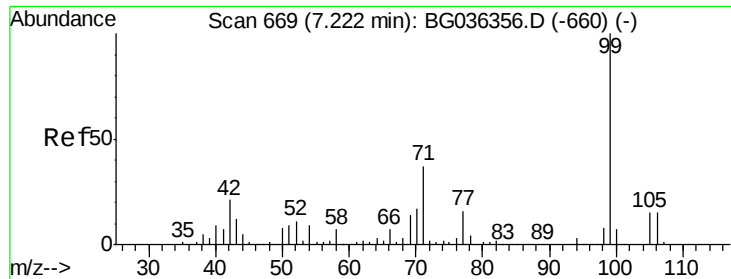
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	119.5	179.3
115	59.2	44.5	66.7



#5
 2-Fluorophenol
 Concen: 108.705 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.00 min
 Lab File: BG036806.D
 Acq: 19 Sep 2018 4:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.0	57.2	85.8
63	37.5	30.8	46.2





#7

Phenol-d6

Concen: 97.443 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036806.D

Acq: 19 Sep 2018 4:55

Instrument :

BNA_G

ClientSampleId :

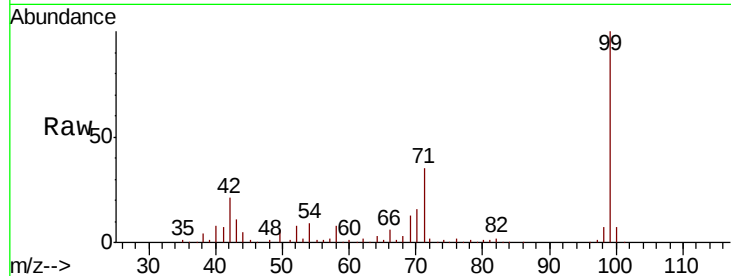
Tot Ion: 99 Resp: 453001

Ion Ratio Lower Upper

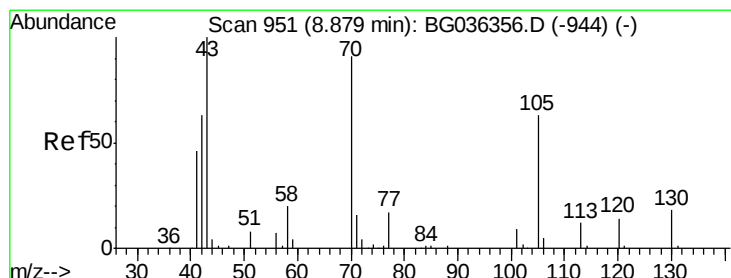
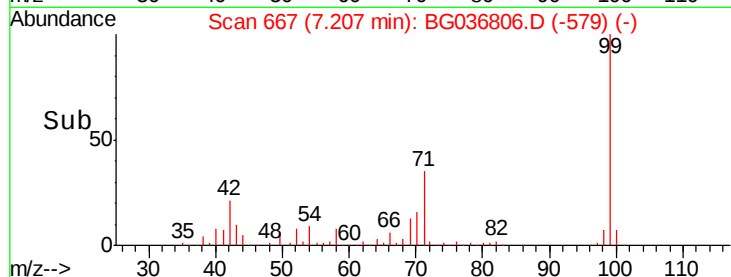
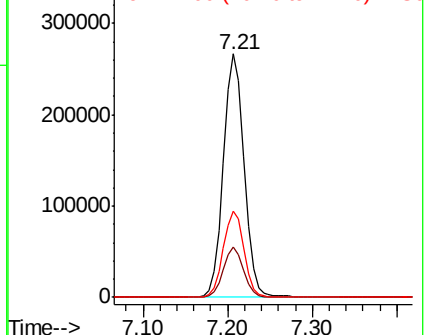
99 100

42 20.5 16.5 24.7

71 35.4 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: 13.172 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.35 min

Lab File: BG036806.D

Acq: 19 Sep 2018 4:55

Tgt Ion: 70 Resp: 45765

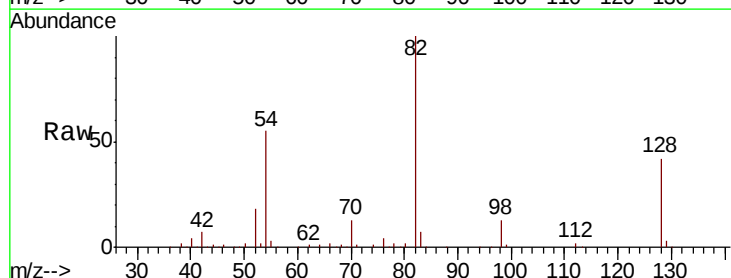
Ion Ratio Lower Upper

70 100

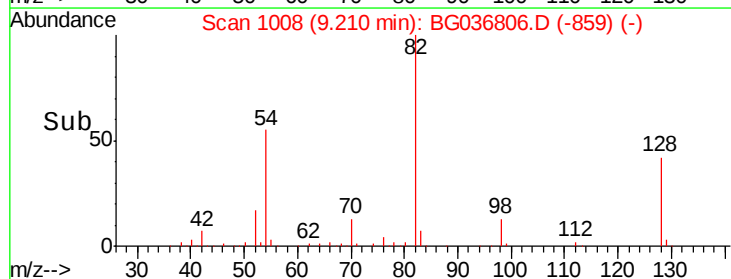
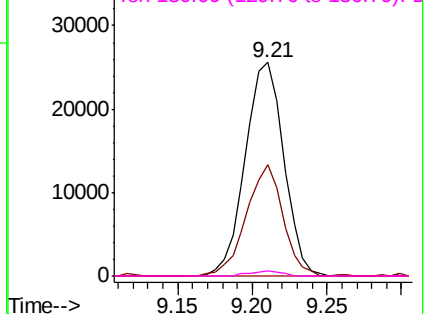
42 52.3 56.2 84.4#

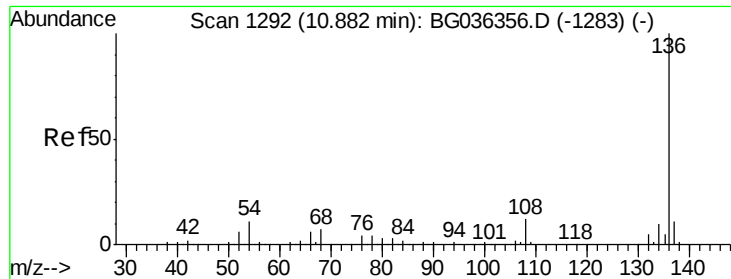
101 0.0 7.8 11.6#

130 2.3 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

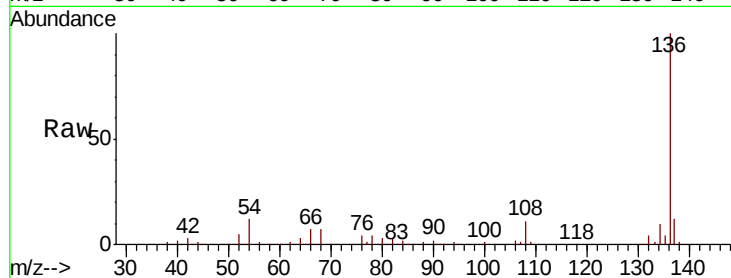




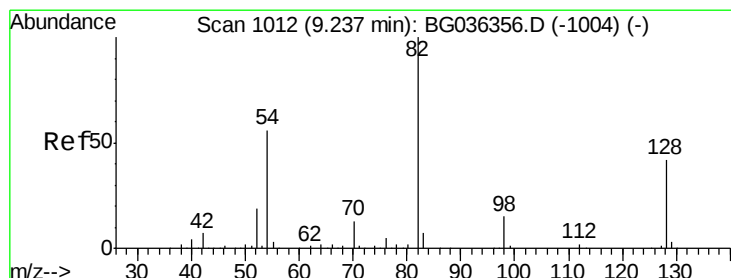
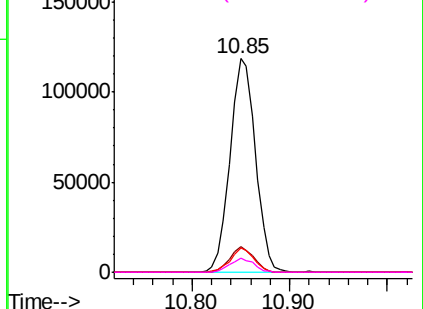
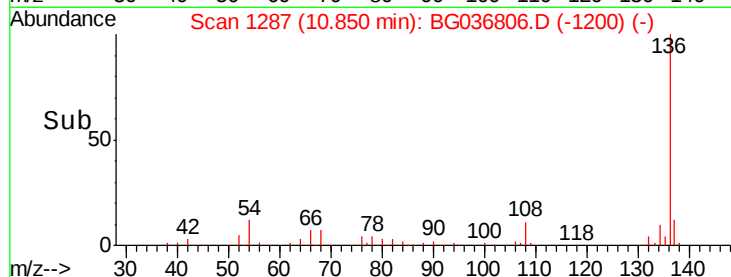
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BG036806.D
Acq: 19 Sep 2018 4:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	214303
Ion Ratio	Lower	Upper
136	100	
137	11.8	8.8 13.2
54	11.5	9.2 13.8
68	6.8	5.8 8.6

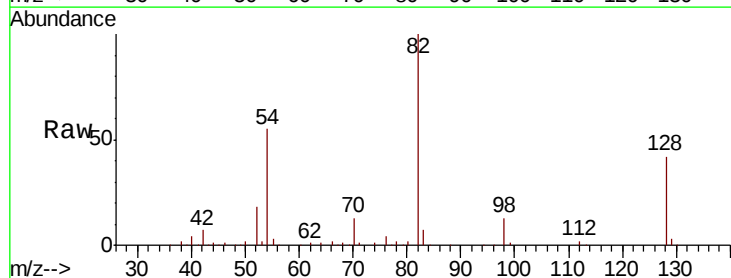


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

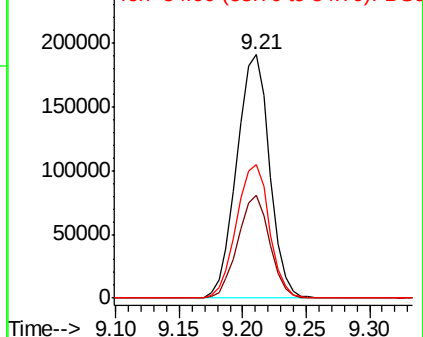
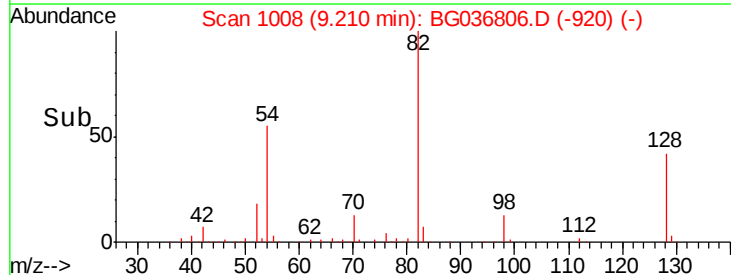


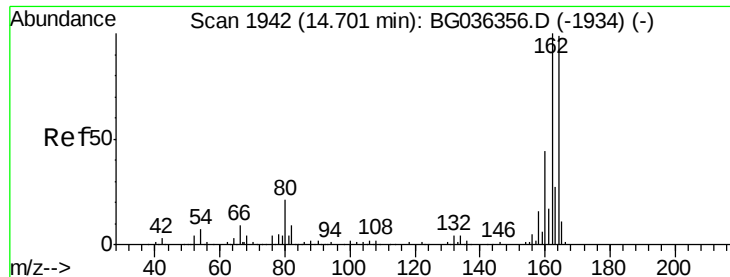
#23
Nitrobenzene-d5
Concen: 86.853 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036806.D
Acq: 19 Sep 2018 4:55

Tgt Ion: 82	Resp:	343053
Ion Ratio	Lower	Upper
82	100	
128	42.2	33.3 49.9
54	54.7	45.1 67.7



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG036806.D

Acq: 19 Sep 2018 4:55

Instrument :

BNA_G

ClientSampled :

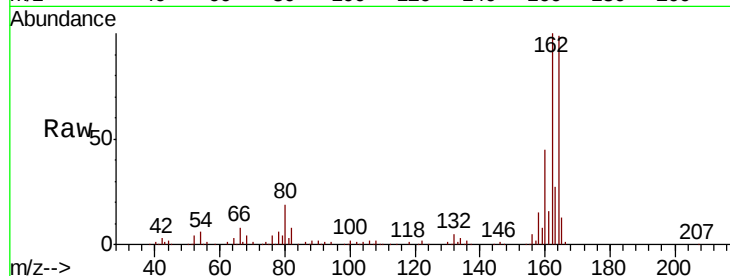
Tot Ion:164 Resp: 138461

Ion Ratio Lower Upper

164 100

162 100.9 80.7 121.1

160 45.0 35.3 52.9

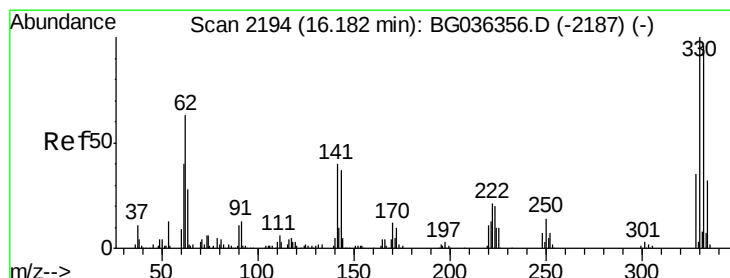
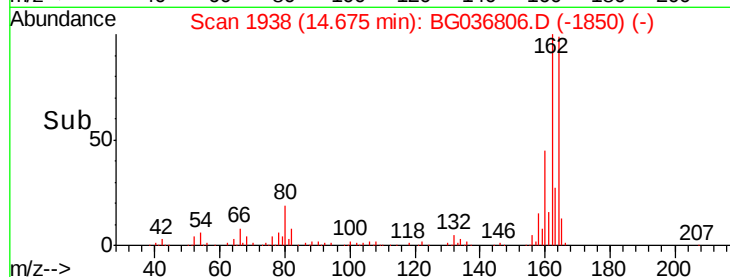
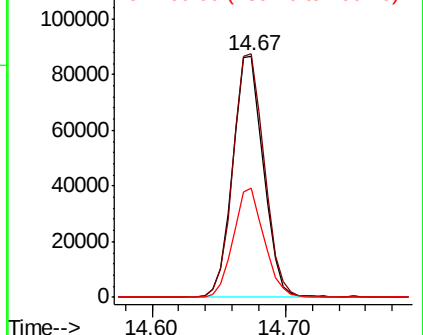


Abundance

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: 136.930 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG036806.D

Acq: 19 Sep 2018 4:55

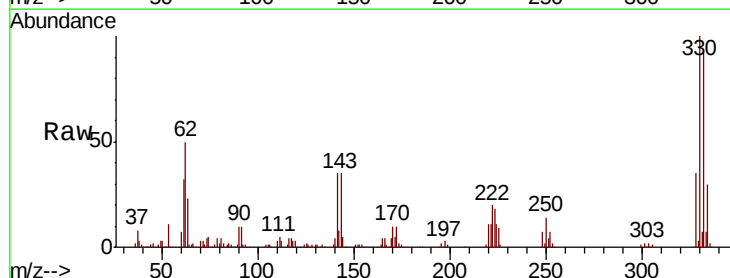
Tgt Ion:330 Resp: 226229

Ion Ratio Lower Upper

330 100

332 94.7 75.4 113.2

141 36.4 30.7 46.1

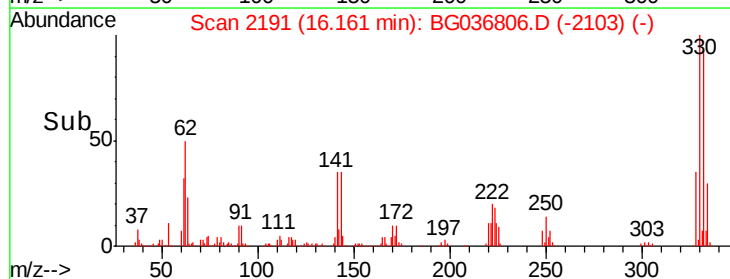
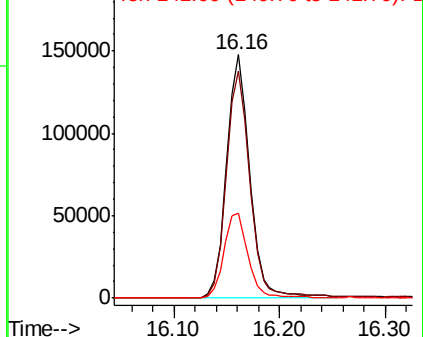


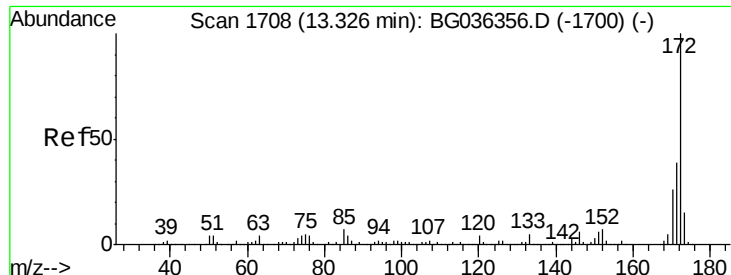
Abundance

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

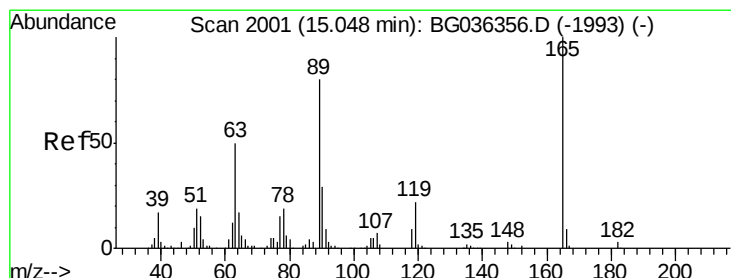
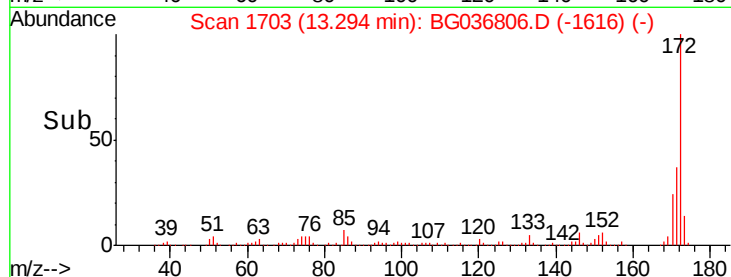
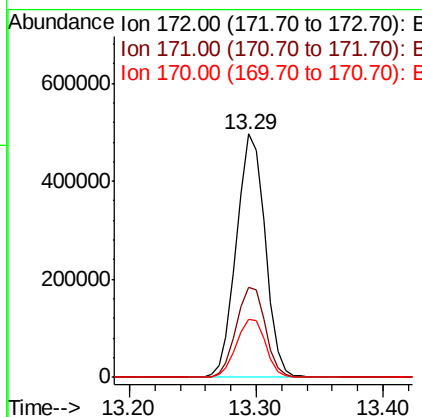
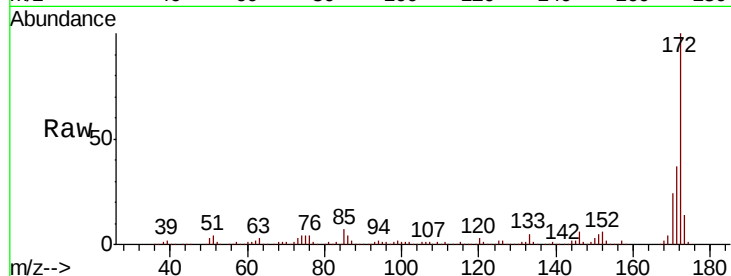




#44
 2-Fluorobiphenyl
 Concen: 80.263 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.02 min
 Lab File: BG036806.D
 Acq: 19 Sep 2018 4:55

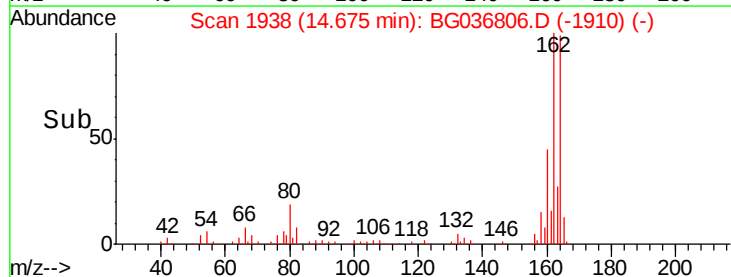
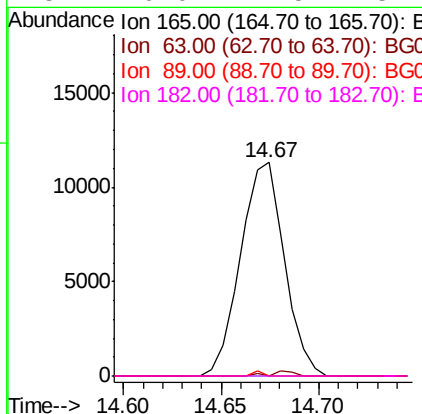
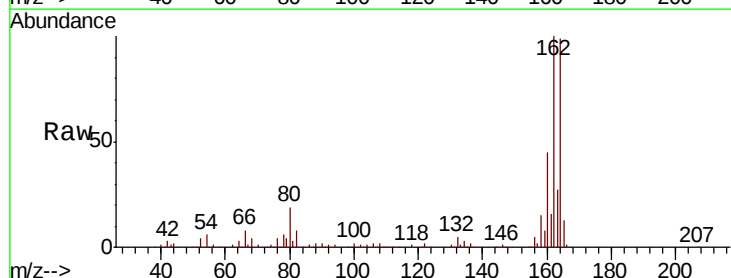
Instrument :
 BNA_G
 ClientSampleId :

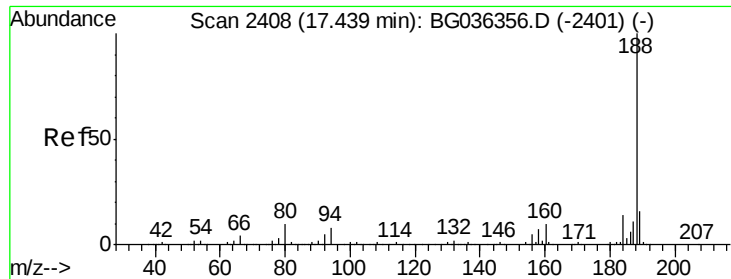
Tot Ion:172 Resp: 778342
 Ion Ratio Lower Upper
 172 100
 171 37.0 31.3 46.9
 170 24.0 21.0 31.6



#56
 2,4-Dinitrotoluene
 Concen: 5.787 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.36 min
 Lab File: BG036806.D
 Acq: 19 Sep 2018 4:55

Tgt Ion:165 Resp: 17548
 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#

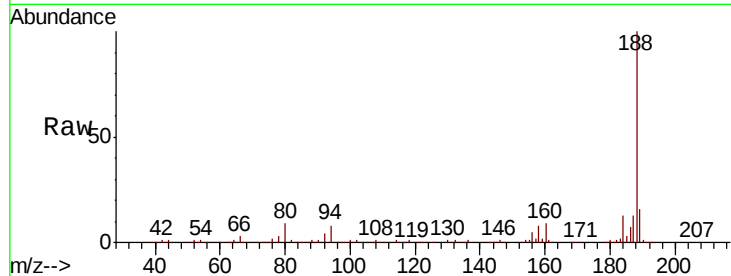




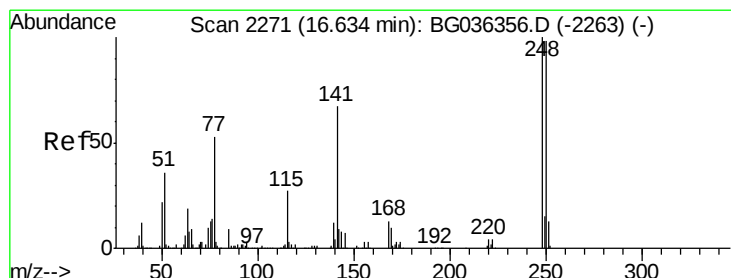
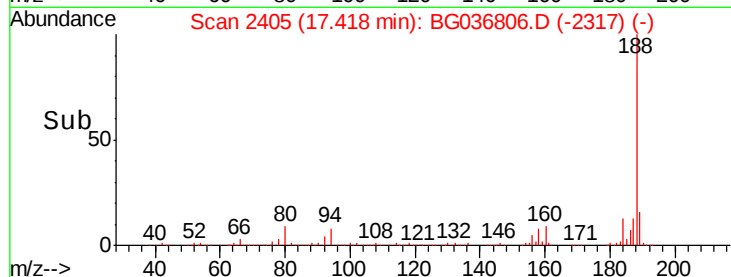
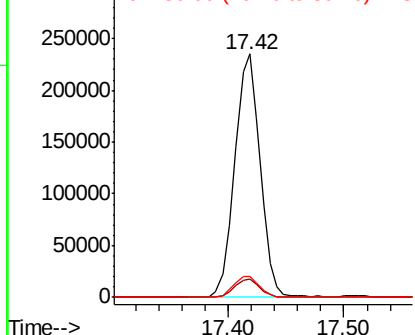
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036806.D
Acq: 19 Sep 2018 4:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 357413
Ion Ratio Lower Upper
188 100
94 7.6 6.7 10.1
80 8.8 8.1 12.1

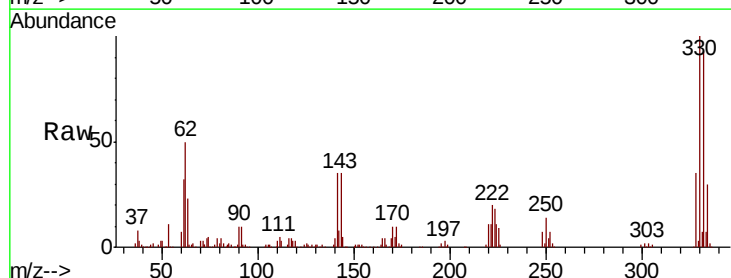


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

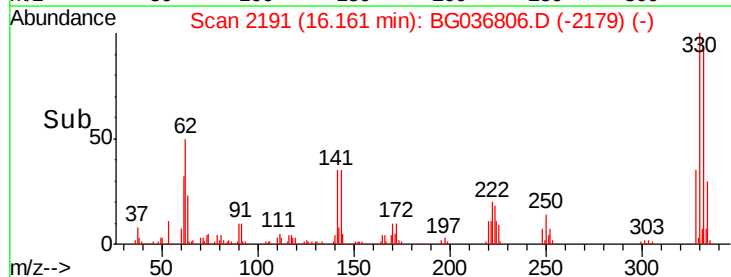
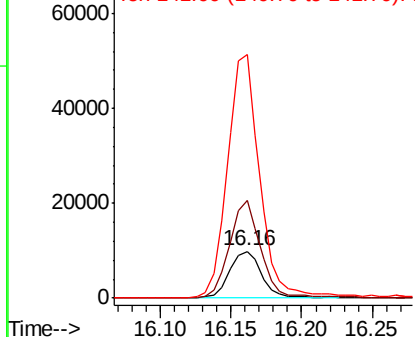


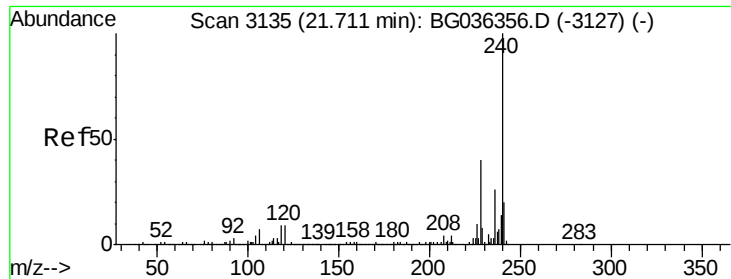
#66
4-Bromophenyl-phenylether
Concen: 3.777 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.46 min
Lab File: BG036806.D
Acq: 19 Sep 2018 4:55

Tgt Ion:248 Resp: 15805
Ion Ratio Lower Upper
248 100
250 207.6 78.1 117.1#
141 517.7 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: BG036806.D

Acq: 19 Sep 2018 4:55

Instrument :

BNA_G

ClientSampleId :

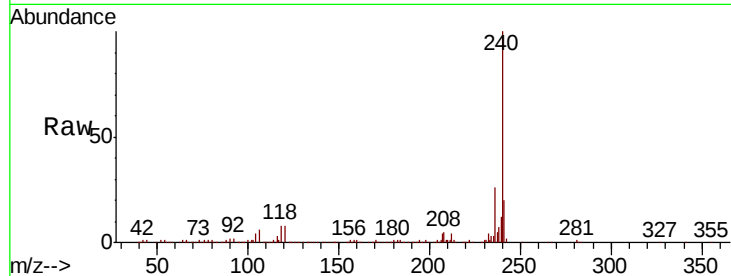
Tot Ion:240 Resp: 382821

Ion Ratio Lower Upper

240 100

120 7.9 6.9 10.3

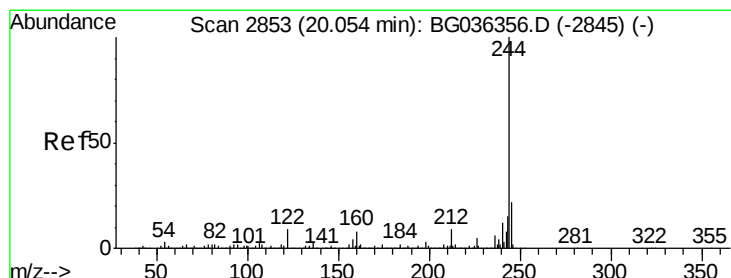
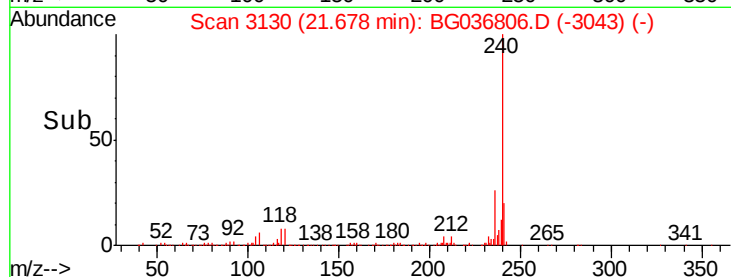
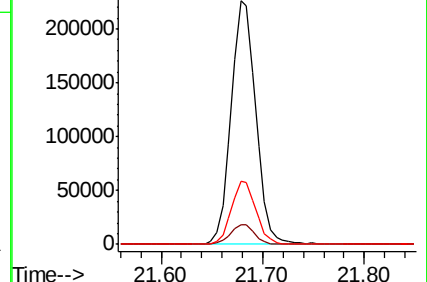
236 25.7 21.2 31.8



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: 83.747 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG036806.D

Acq: 19 Sep 2018 4:55

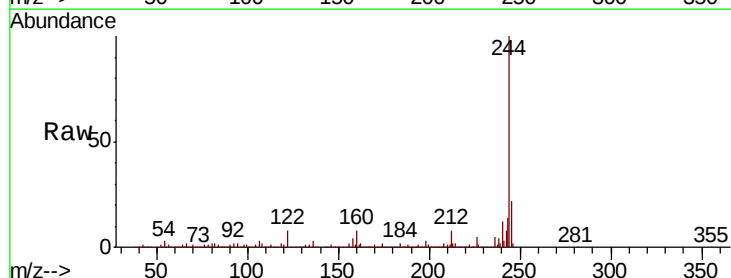
Tgt Ion:244 Resp: 1371653

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.6

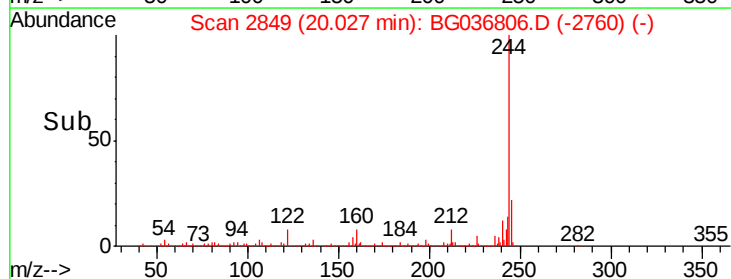
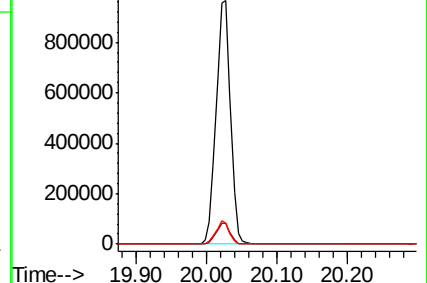
122 8.5 7.1 10.7

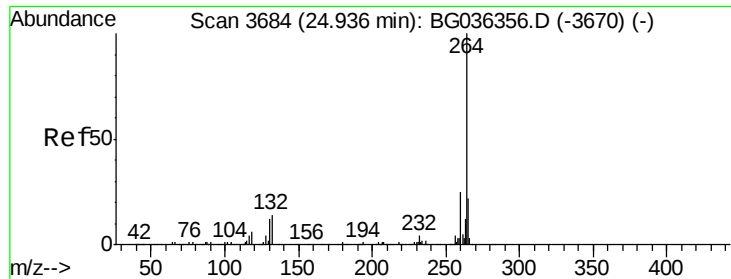


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

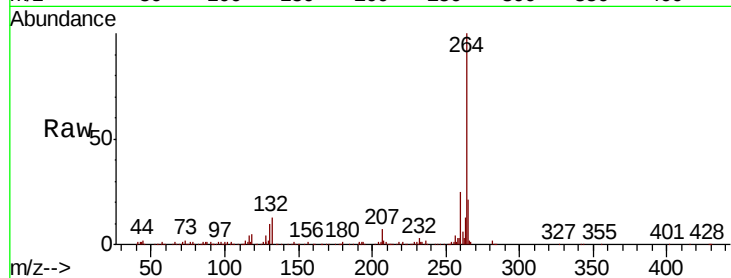




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3677
Delta R.T. -0.01 min
Lab File: BG036806.D
Acq: 19 Sep 2018 4:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
373373	264	100		
	260	24.6	19.6	29.4
	265	21.1	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

