

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091018\
 Data File : BG036637.D
 Acq On : 10 Sep 2018 22:55
 Operator : JU/SJ
 Sample : J4777-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 11 01:56:34 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

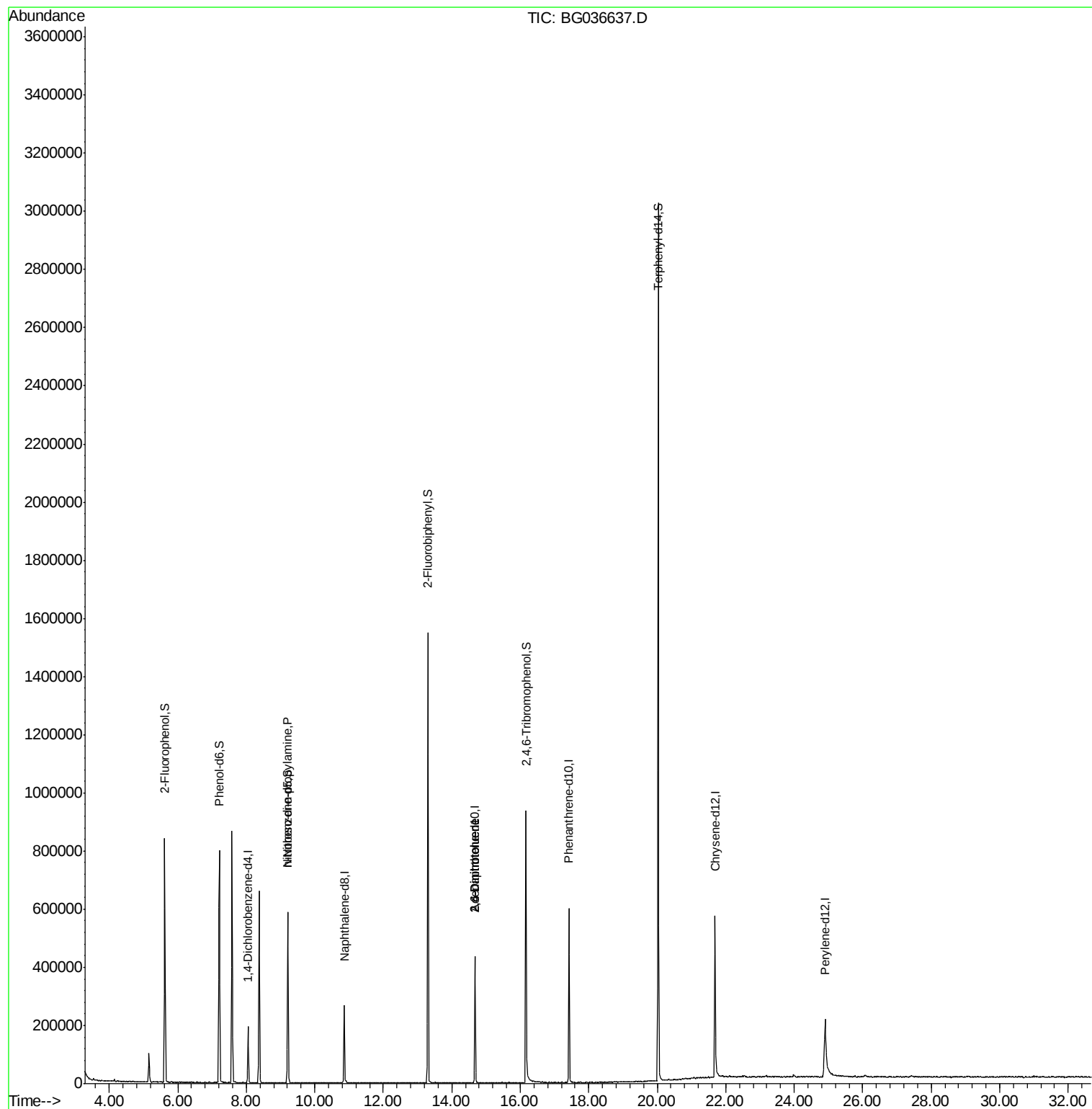
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	54482	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	225606	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	153258	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	390727	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	410613	20.00	ng	-0.01
86) Perylene-d12	24.90	264	347459	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	361602	105.28	ng	0.00
7) Phenol-d6	7.21	99	466945	94.96	ng	0.00
23) Nitrobenzene-d5	9.22	82	350065	84.19	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	202689	110.84	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	826702	77.02	ng	-0.01
78) Terphenyl-d14	20.03	244	1468109	83.57	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	46361	12.615	ng	# 70
50) 2,6-Dinitrotoluene	14.67	165	19922	7.736	ng	# 22
56) 2,4-Dinitrotoluene	14.67	165	19922	5.936	ng	# 20

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

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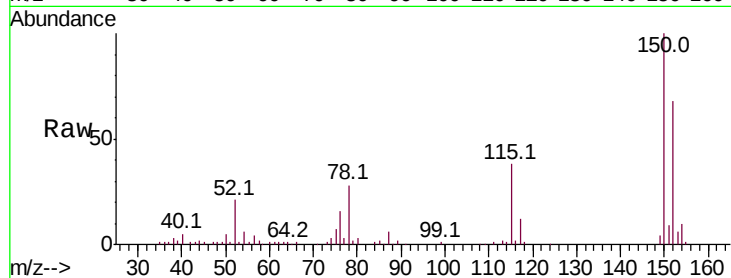


#1

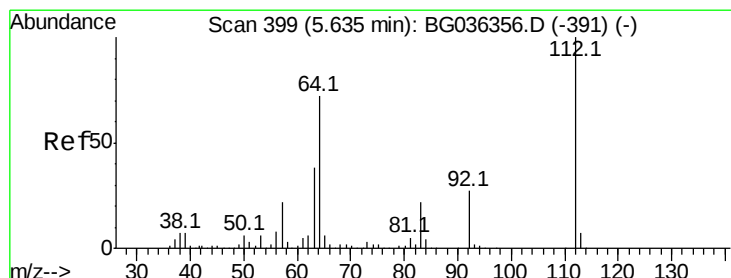
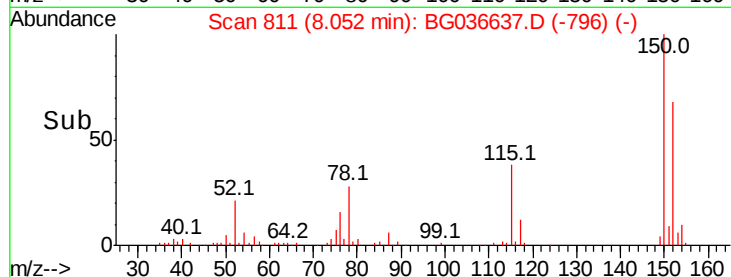
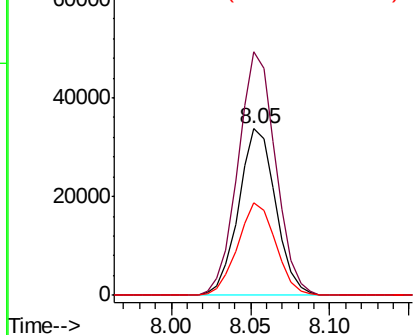
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036637.D
Acq: 10 Sep 2018 22:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.5	119.5	179.3
115	55.9	44.5	66.7



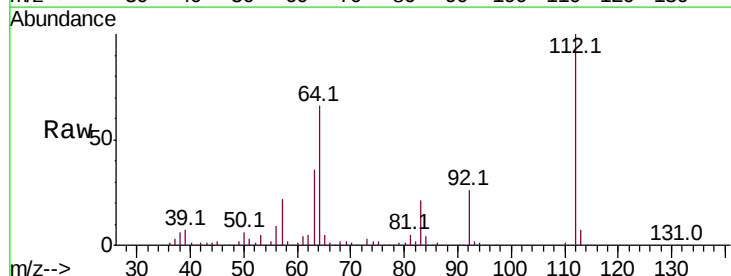
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



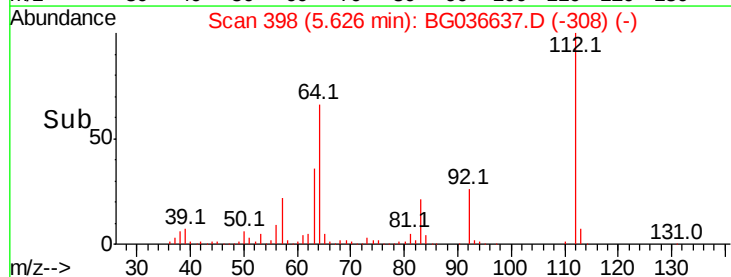
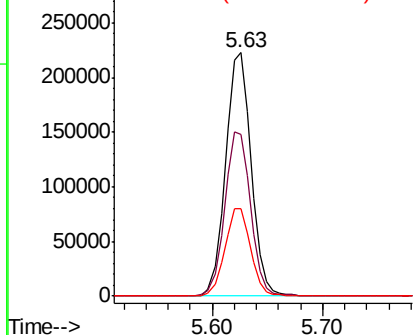
#5

2-Fluorophenol
Concen: 105.284 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.00 min
Lab File: BG036637.D
Acq: 10 Sep 2018 22:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.4	57.2	85.8
63	35.8	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: 94.957 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036637.D

Acq: 10 Sep 2018 22:55

Instrument :

BNA_G

ClientSampleId :

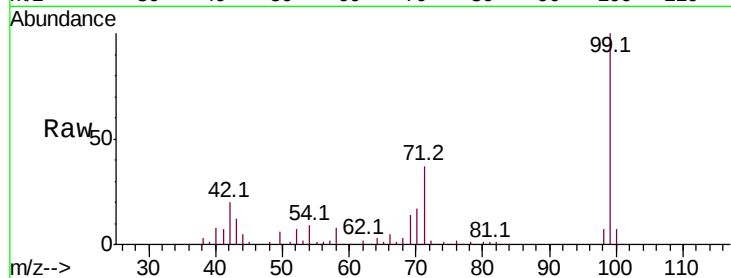
Tot Ion: 99 Resp: 466945

Ion Ratio Lower Upper

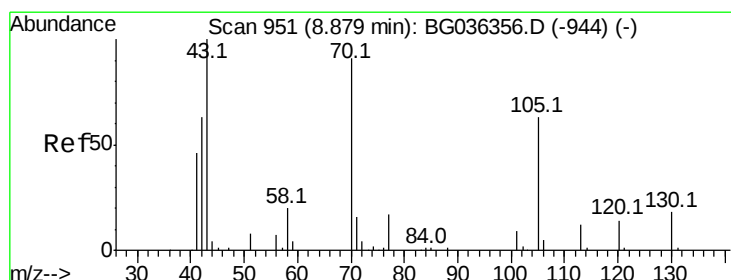
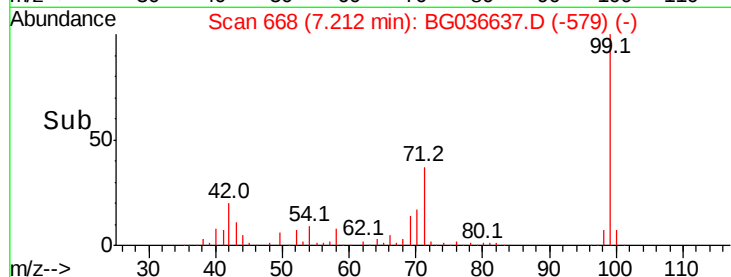
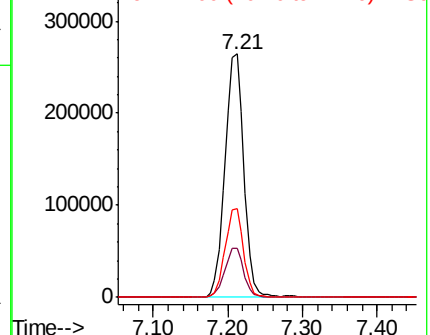
99 100

42 20.4 16.5 24.7

71 36.6 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: 12.615 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.35 min

Lab File: BG036637.D

Acq: 10 Sep 2018 22:55

Tgt Ion: 70 Resp: 46361

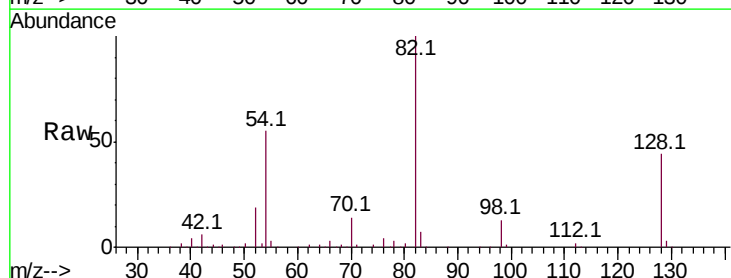
Ion Ratio Lower Upper

70 100

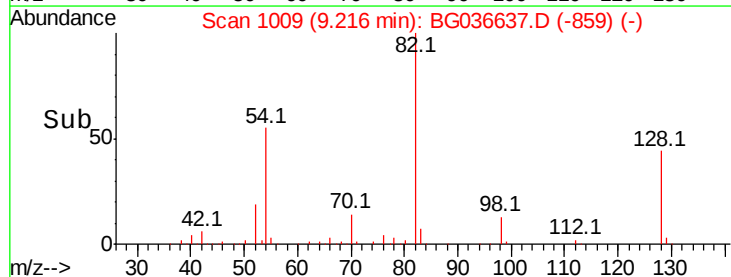
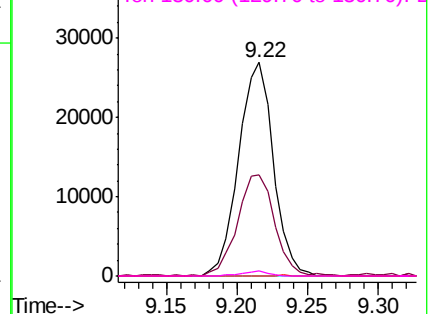
42 47.3 56.2 84.4#

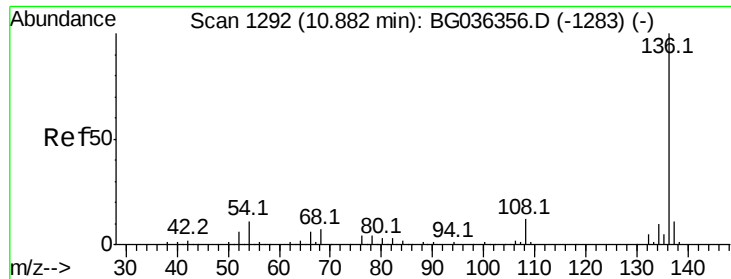
101 0.0 7.8 11.6#

130 2.5 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

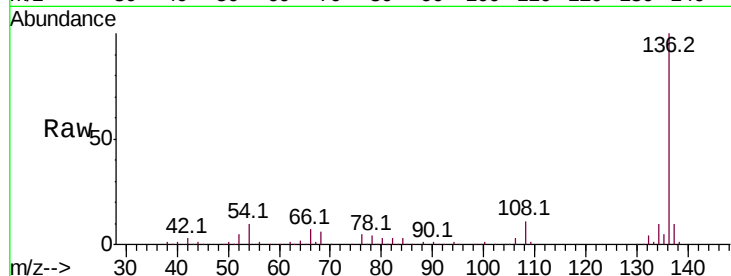




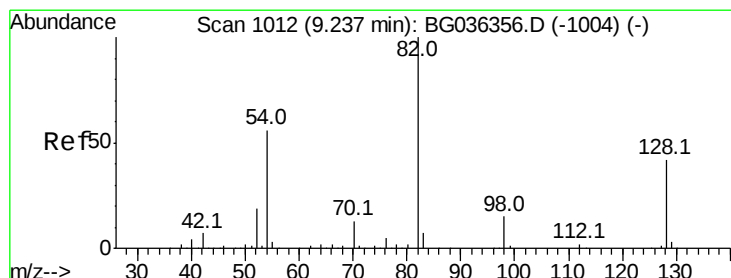
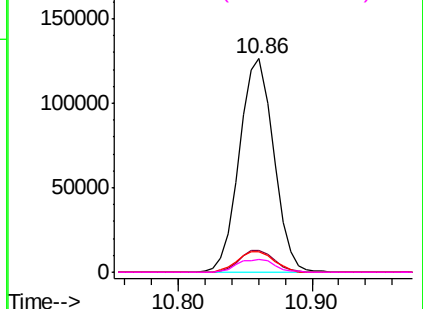
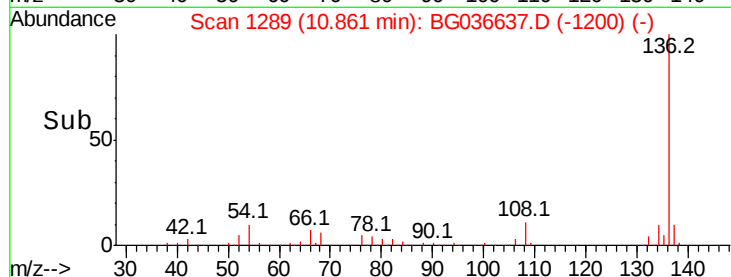
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BG036637.D
Acq: 10 Sep 2018 22:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	225606
Ion	Ratio	Lower Upper
136	100	
137	10.1	8.8 13.2
54	9.9	9.2 13.8
68	6.1	5.8 8.6

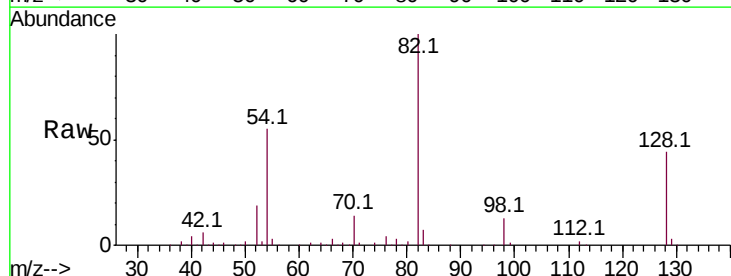


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

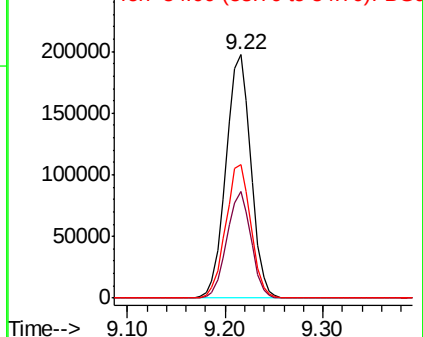
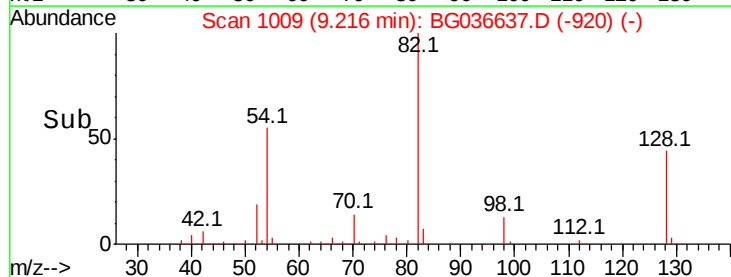


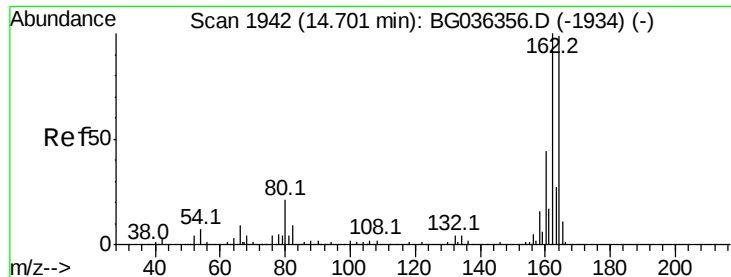
#23
Nitrobenzene-d5
Concen: 84.188 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BG036637.D
Acq: 10 Sep 2018 22:55

Tgt Ion: 82	Resp:	350065
Ion	Ratio	Lower Upper
82	100	
128	43.6	33.3 49.9
54	55.0	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: 14.68 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BG036637.D

Acq: 10 Sep 2018 22:55

Instrument :

BNA_G

ClientSampleId :

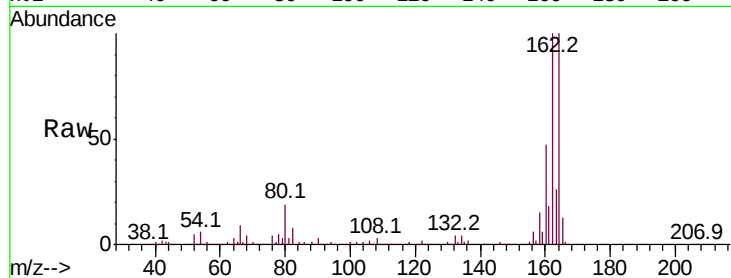
Tot Ion:164 Resp: 153258

Ion Ratio Lower Upper

164 100

162 100.2 80.7 121.1

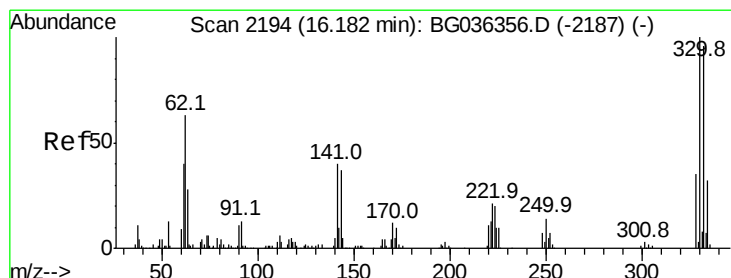
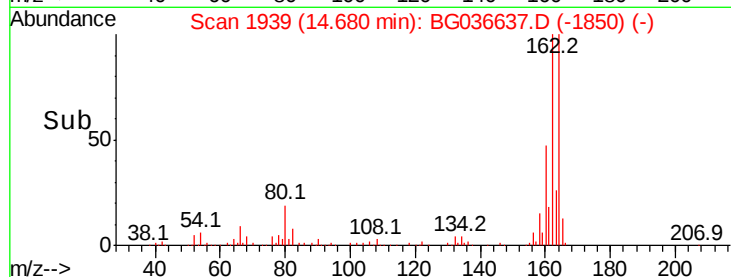
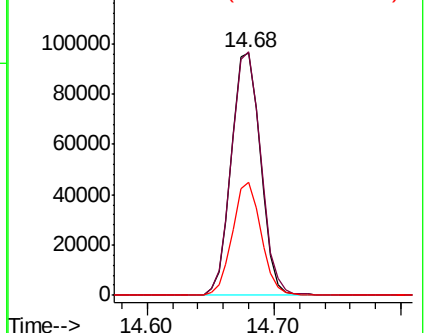
160 46.8 35.3 52.9



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: 110.837 ng

RT: 16.17 min Scan# 2192

Delta R.T. -0.01 min

Lab File: BG036637.D

Acq: 10 Sep 2018 22:55

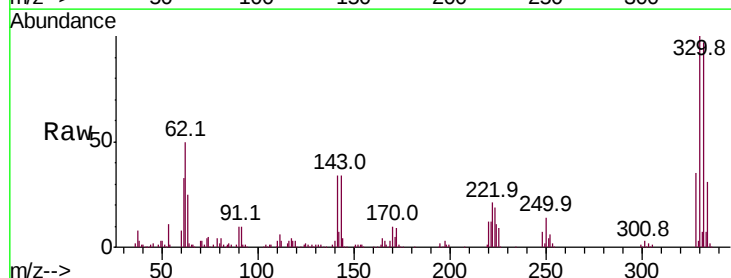
Tgt Ion:330 Resp: 202689

Ion Ratio Lower Upper

330 100

332 96.7 75.4 113.2

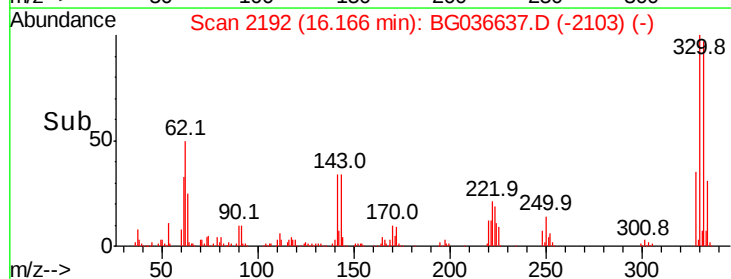
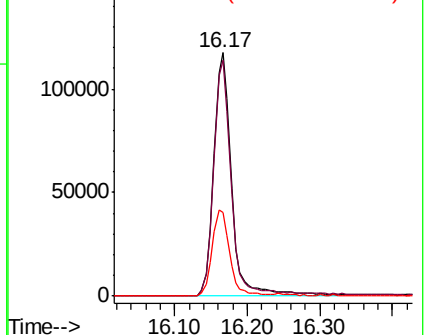
141 34.9 30.7 46.1



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

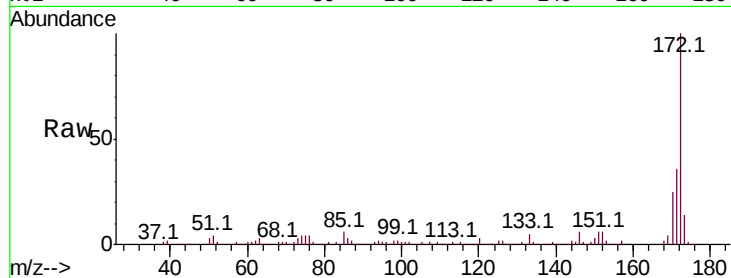




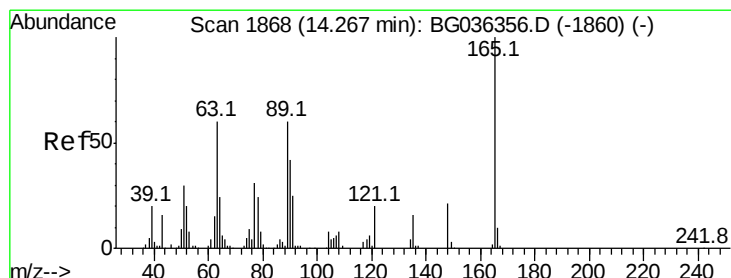
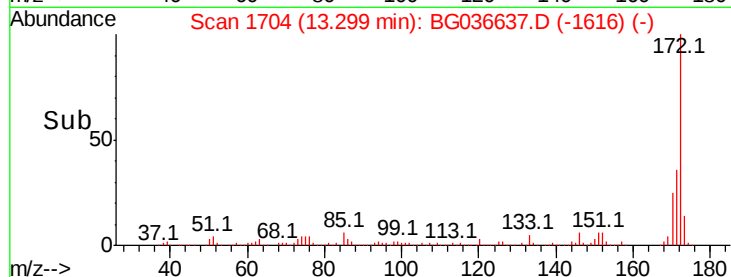
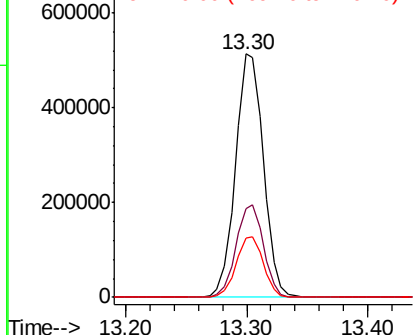
#44
 2-Fluorobiphenyl
 Concen: 77.019 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036637.D
 Acq: 10 Sep 2018 22:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 826702
 Ion Ratio Lower Upper
 172 100
 171 36.5 31.3 46.9
 170 24.5 21.0 31.6

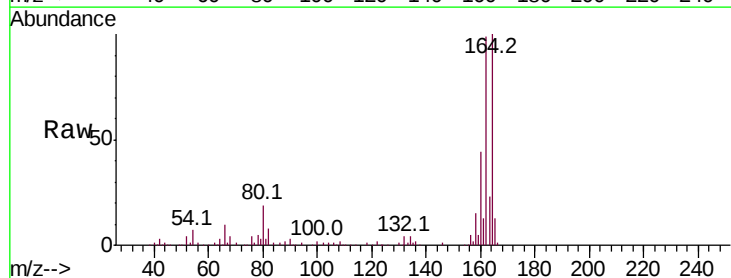


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

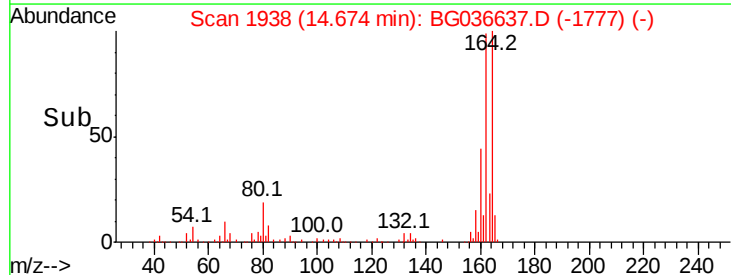
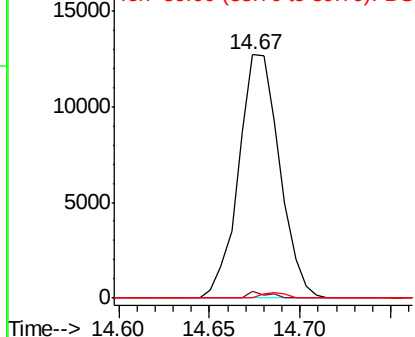


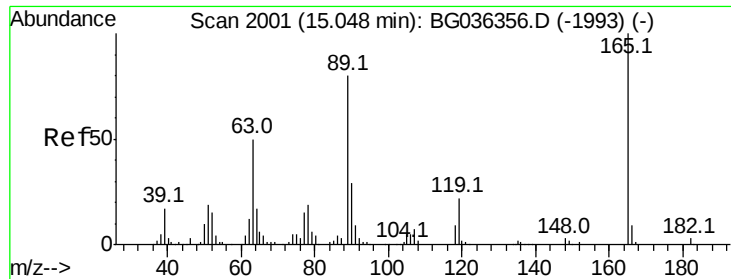
#50
 2,6-Dinitrotoluene
 Concen: 7.736 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. 0.42 min
 Lab File: BG036637.D
 Acq: 10 Sep 2018 22:55

Tgt Ion:165 Resp: 19922
 Ion Ratio Lower Upper
 165 100
 63 2.7 50.1 75.1#
 89 0.0 47.8 71.6#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

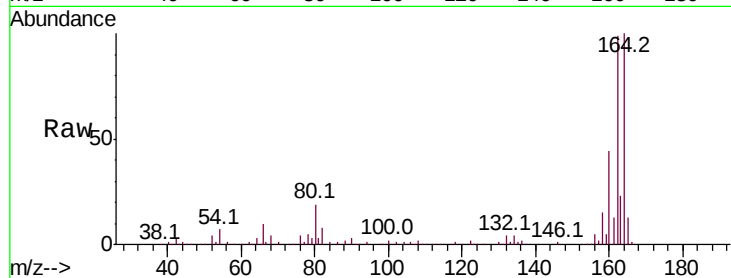




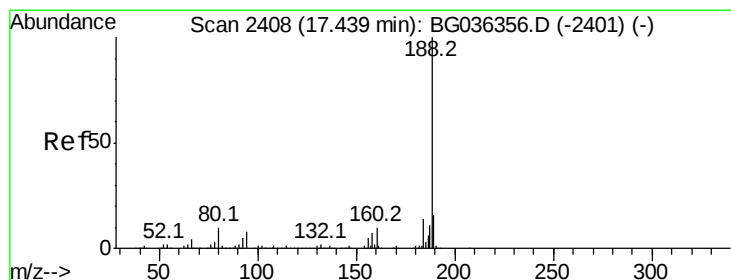
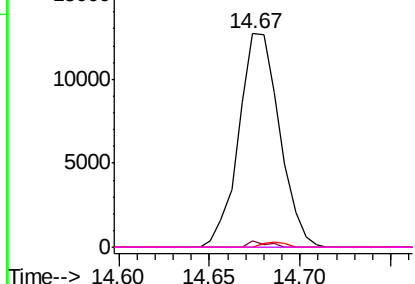
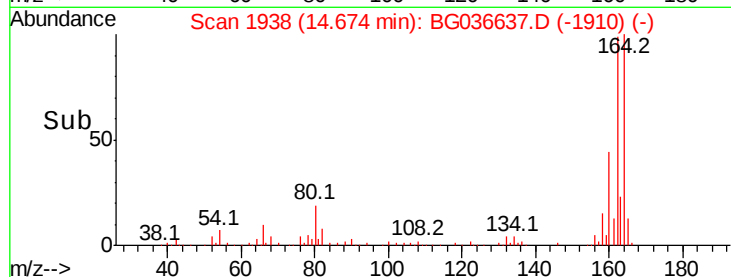
#56
 2,4-Dinitrotoluene
 Concen: 5.936 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.36 min
 Lab File: BG036637.D
 Acq: 10 Sep 2018 22:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 19922
 Ion Ratio Lower Upper
 165 100
 63 2.7 40.1 60.1#
 89 0.0 63.7 95.5#
 182 0.0 2.5 3.7#

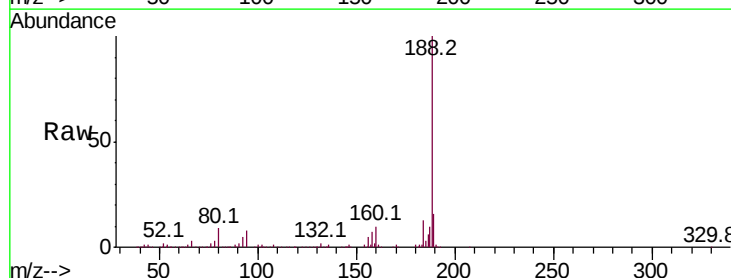


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

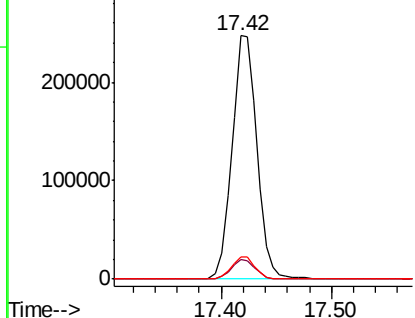
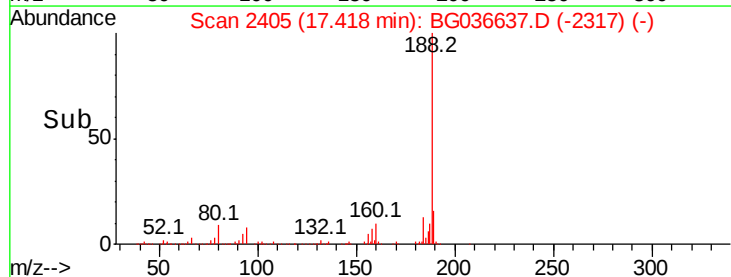


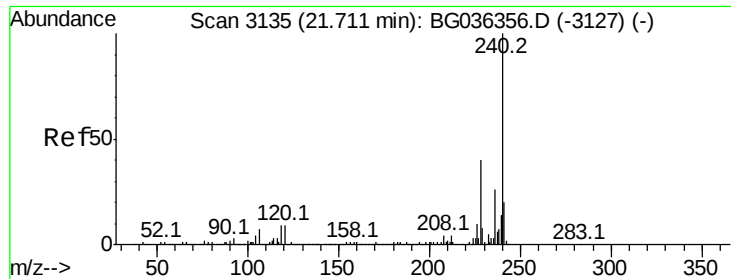
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.01 min
 Lab File: BG036637.D
 Acq: 10 Sep 2018 22:55

Tgt Ion:188 Resp: 390727
 Ion Ratio Lower Upper
 188 100
 94 7.9 6.7 10.1
 80 9.4 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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG036637.D

Acq: 10 Sep 2018 22:55

Instrument :

BNA_G

ClientSampled :

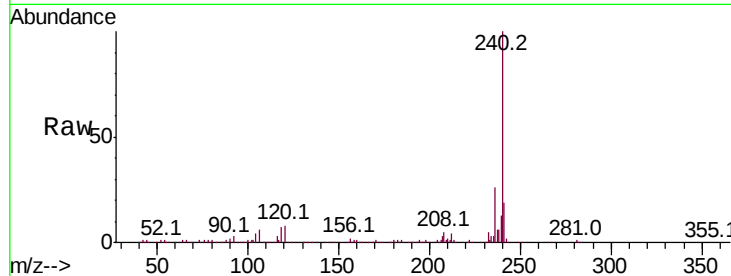
Tot Ion:240 Resp: 410613

Ion Ratio Lower Upper

240 100

120 8.2 6.9 10.3

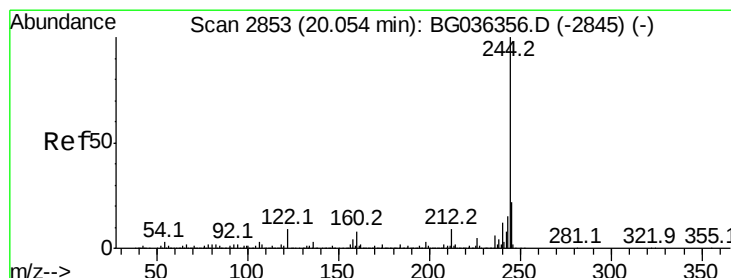
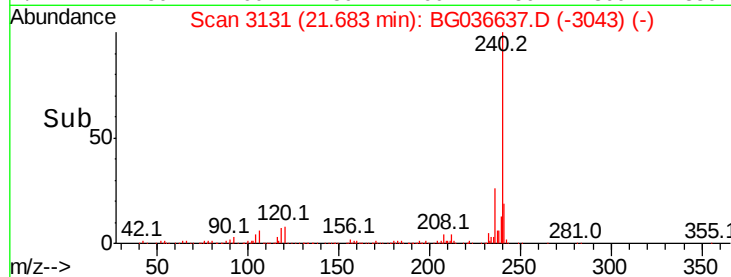
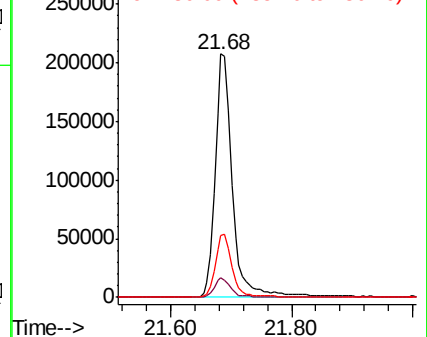
236 25.6 21.2 31.8



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: 83.570 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG036637.D

Acq: 10 Sep 2018 22:55

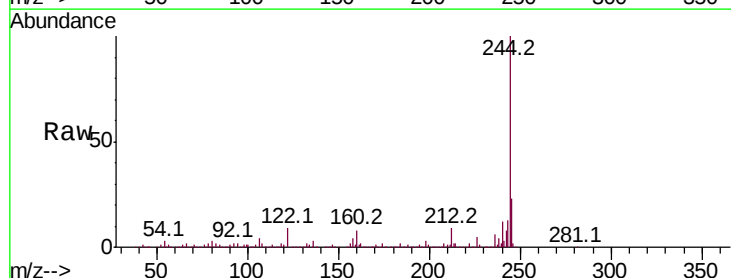
Tgt Ion:244 Resp: 1468109

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.6

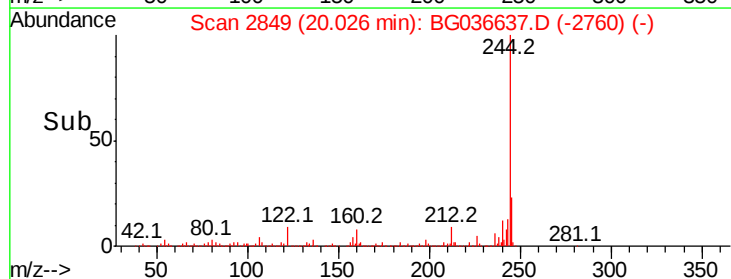
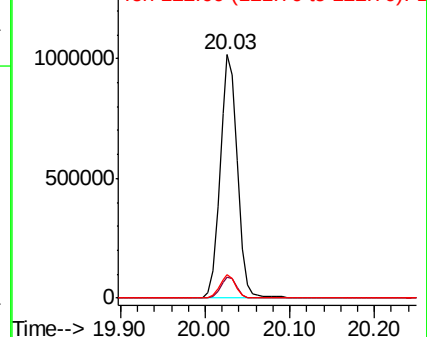
122 9.4 7.1 10.7

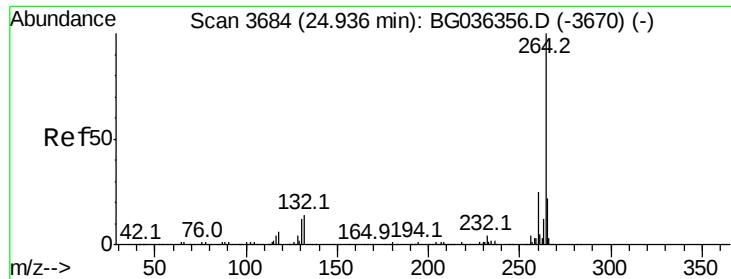


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.90 min Scan# 3678
Delta R.T. -0.01 min
Lab File: BG036637.D
Acq: 10 Sep 2018 22:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.6	29.4
265	21.3	17.4	26.0

