

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112818\
 Data File : BG038228.D
 Acq On : 29 Nov 2018 10:29
 Operator : JU/SJ
 Sample : J6069-16
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 29 12:15:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

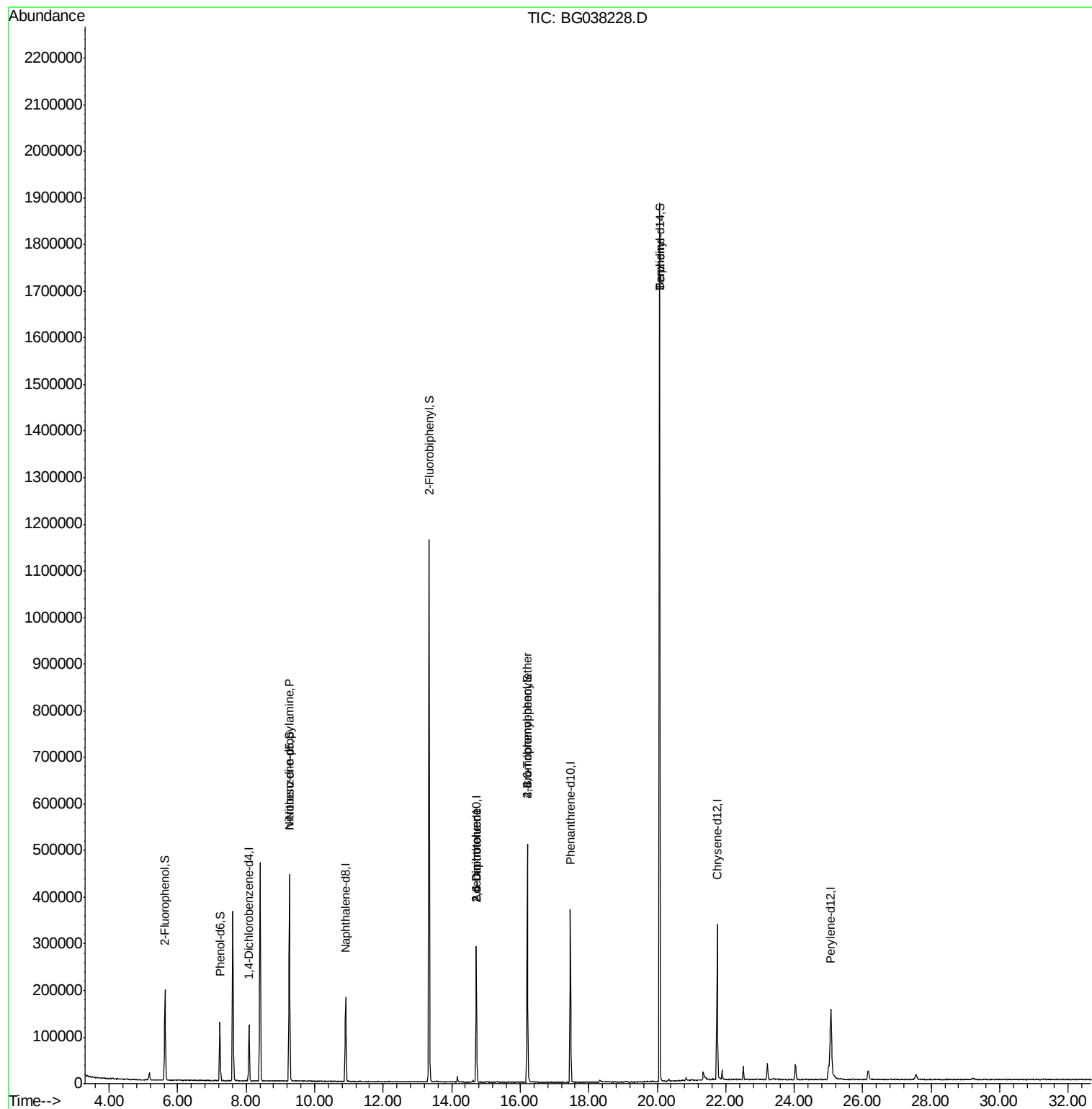
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	34030	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	161309	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	102176	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	227356	20.00	ng	0.00
76) Chrysene-d12	21.75	240	214795	20.00	ng	0.00
87) Perylene-d12	25.08	264	215117	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	88715	45.01	ng	0.00
7) Phenol-d6	7.23	99	79912	28.40	ng	0.00
23) Nitrobenzene-d5	9.26	82	275118	91.30	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	93004	79.81	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	635447	90.60	ng	0.00
79) Terphenyl-d14	20.07	244	913664	100.09	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.26	70	36702	18.029	ng	# 75
51) 2,6-Dinitrotoluene	14.72	165	13212	7.207	ng	# 27
57) 2,4-Dinitrotoluene	14.72	165	13212	5.297	ng	# 26
67) 4-Bromophenyl-phenylether	16.20	248	6401	2.565	ng	# 1
77) Benzidine	20.07	184	16064	2.131	ng	# 95

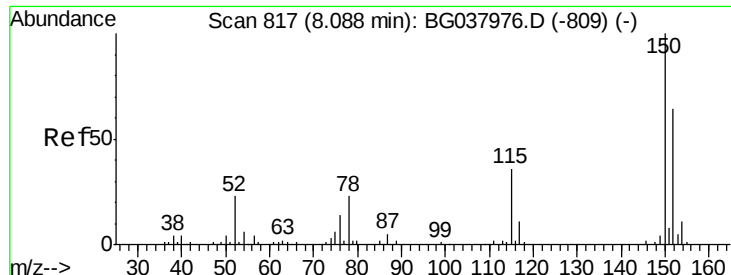
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112818\
Data File : BG038228.D
Acq On : 29 Nov 2018 10:29
Operator : JU/SJ
Sample : J6069-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Nov 29 12:15:06 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration



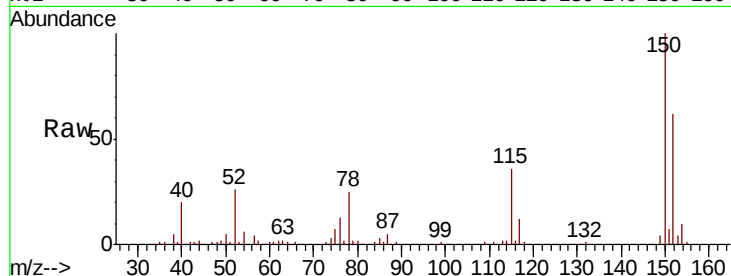


#1

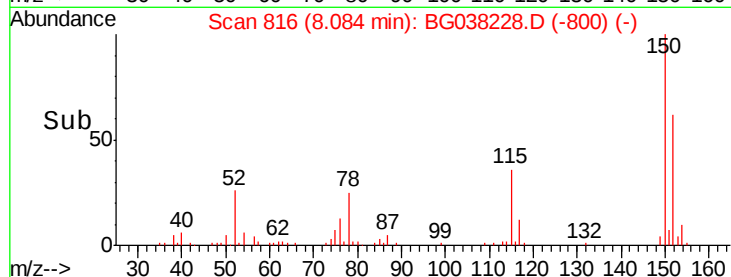
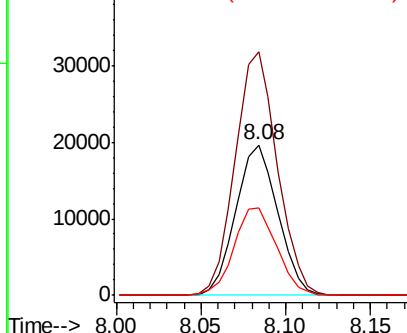
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.00 min
Lab File: BG038228.D
Acq: 29 Nov 2018 10:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 34030
Ion Ratio Lower Upper
152 100
150 161.8 126.0 189.0
115 58.4 45.5 68.3



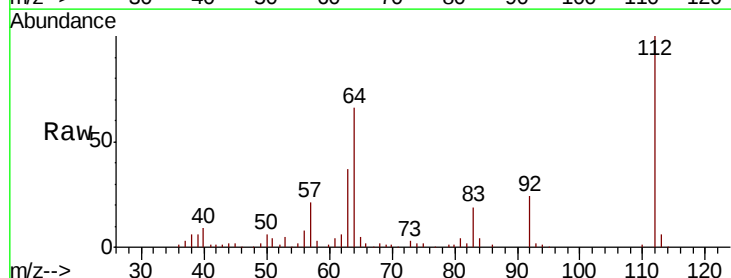
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



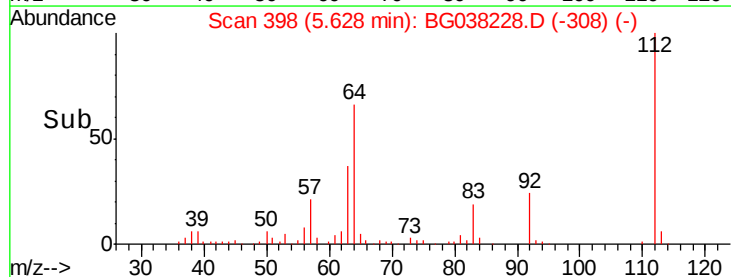
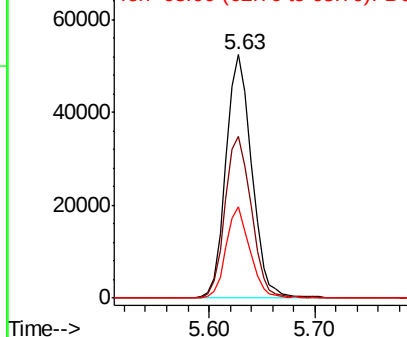
#5

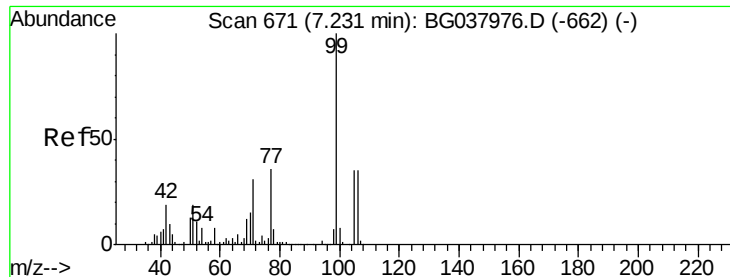
2-Fluorophenol
Concen: 45.011 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.00 min
Lab File: BG038228.D
Acq: 29 Nov 2018 10:29

Tgt Ion:112 Resp: 88715
Ion Ratio Lower Upper
112 100
64 66.4 53.1 79.7
63 37.2 27.3 40.9



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: 28.404 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038228.D

Acq: 29 Nov 2018 10:29

Instrument :

BNA_G

ClientSampled :

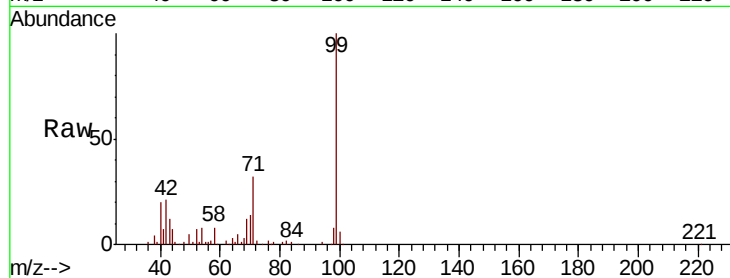
Tot Ion: 99 Resp: 79912

Ion Ratio Lower Upper

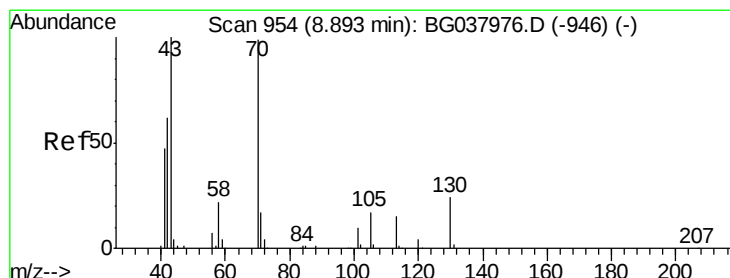
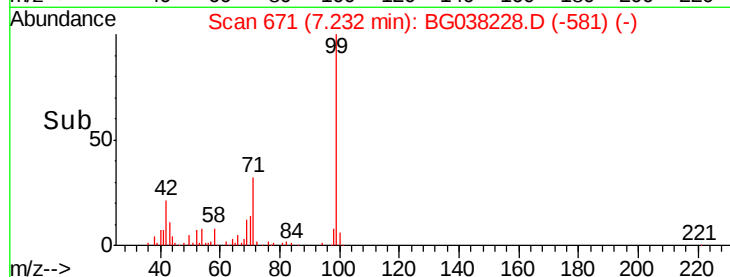
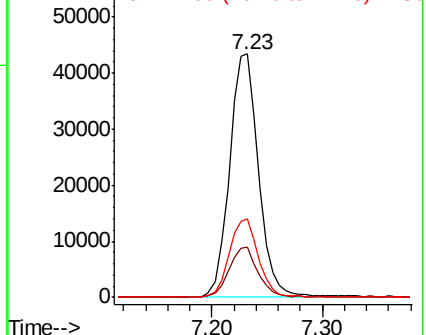
99 100

42 20.7 15.0 22.4

71 32.5 25.5 38.3



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: 18.029 ng

RT: 9.26 min Scan# 1016

Delta R.T. 0.37 min

Lab File: BG038228.D

Acq: 29 Nov 2018 10:29

Tgt Ion: 70 Resp: 36702

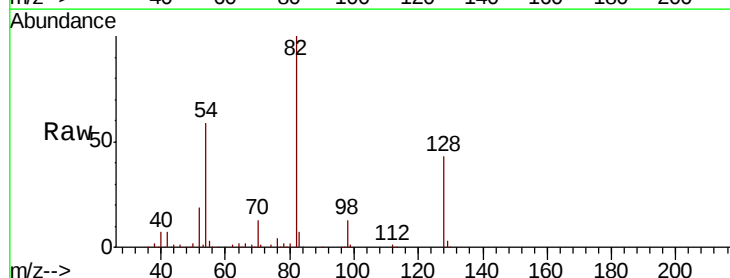
Ion Ratio Lower Upper

70 100

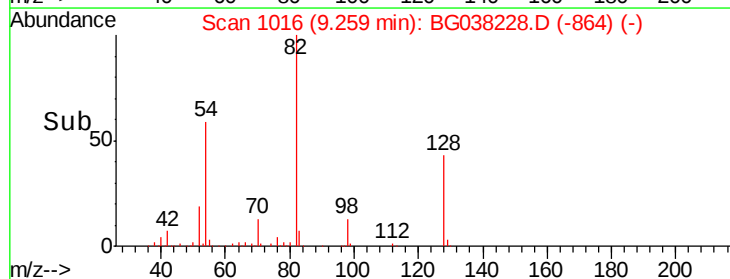
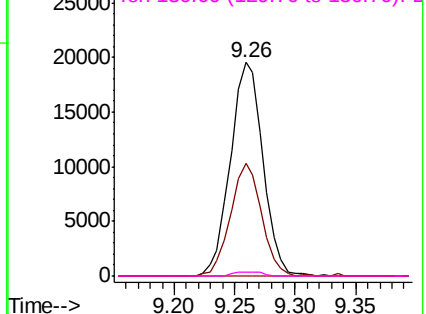
42 52.6 53.9 80.9#

101 0.0 8.2 12.2#

130 1.7 18.2 27.4#



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: 10.90 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BG038228.D

Acq: 29 Nov 2018 10:29

Instrument :

BNA_G

ClientSampled :

Tot Ion:136 Resp: 161309

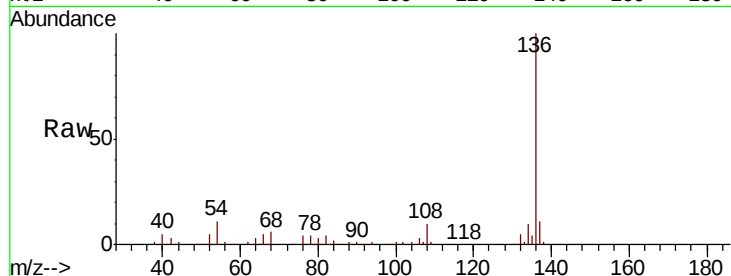
Ion Ratio Lower Upper

136 100

137 11.1 9.6 14.4

54 11.0 7.9 11.9

68 5.6 4.8 7.2

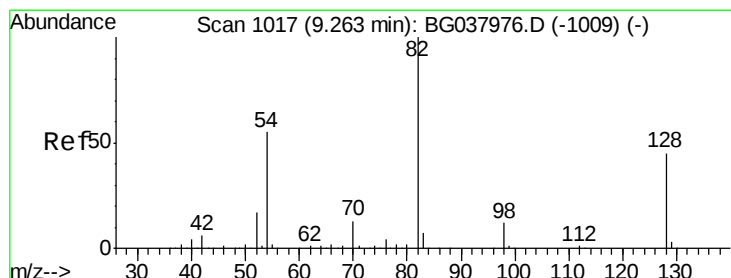
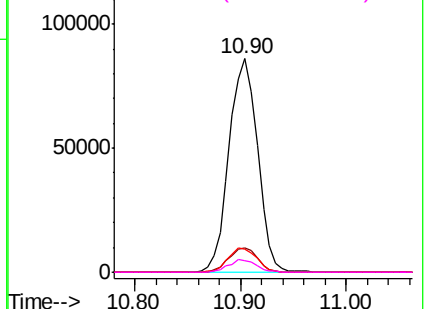
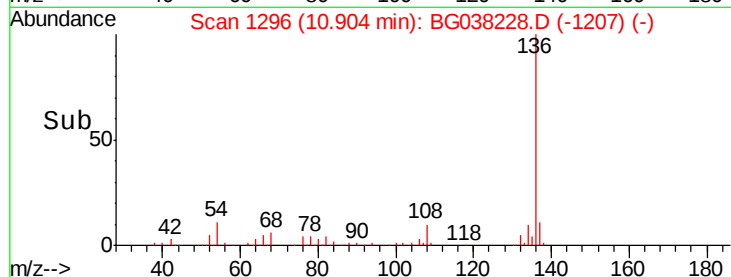


Abundance Ion 136.00 (135.70 to 136.70): E

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: 91.298 ng

RT: 9.26 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BG038228.D

Acq: 29 Nov 2018 10:29

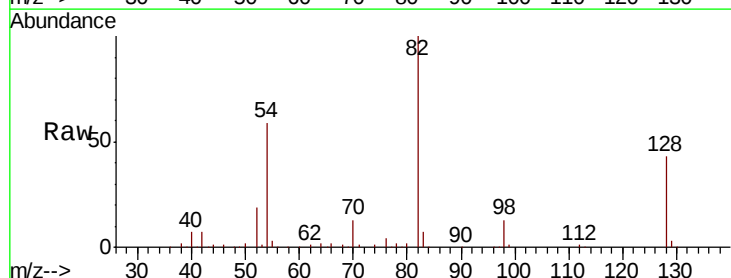
Tgt Ion: 82 Resp: 275118

Ion Ratio Lower Upper

82 100

128 43.3 34.6 51.8

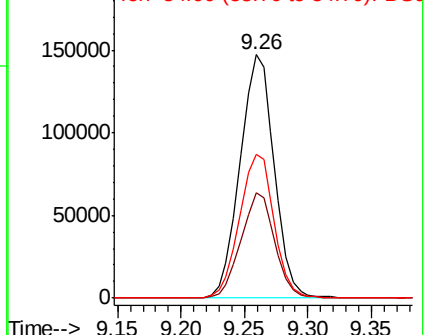
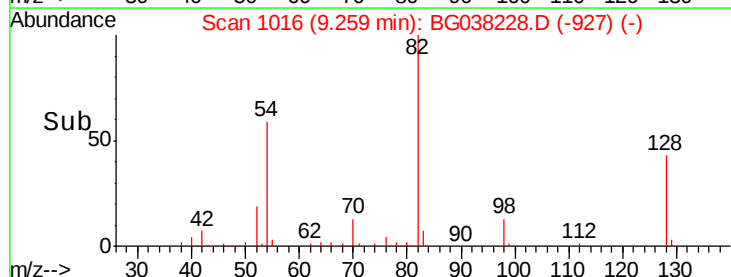
54 59.1 45.3 67.9



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG038228.D

Acq: 29 Nov 2018 10:29

Instrument :

BNA_G

ClientSampleId :

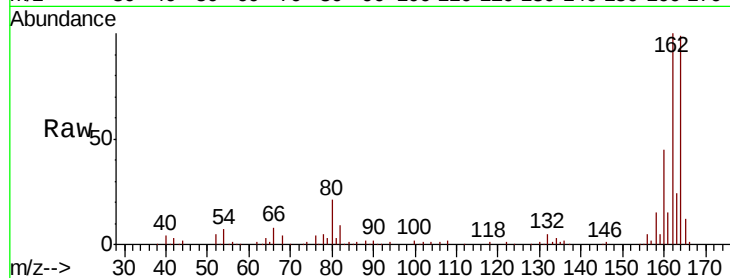
Tot Ion:164 Resp: 102176

Ion Ratio Lower Upper

164 100

162 100.9 81.3 121.9

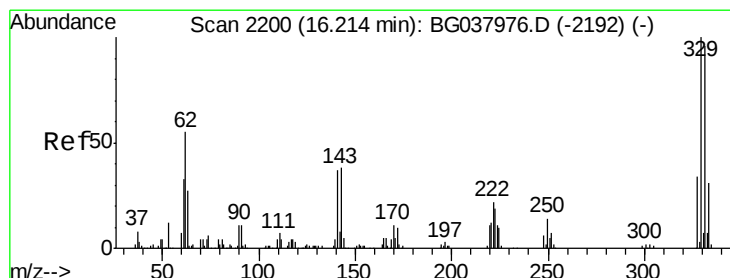
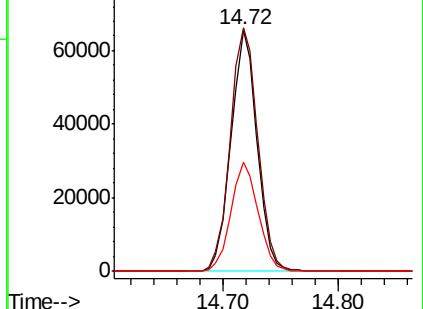
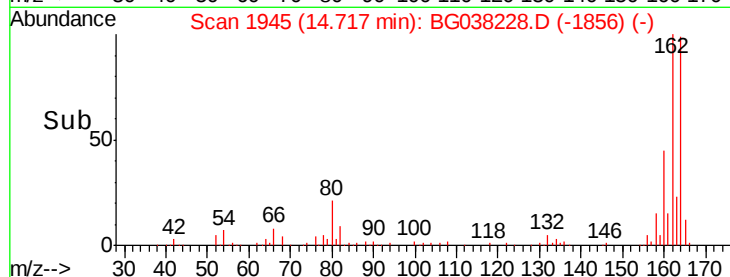
160 45.0 36.3 54.5



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



#42

2,4,6-Tribromophenol

Concen: 79.812 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BG038228.D

Acq: 29 Nov 2018 10:29

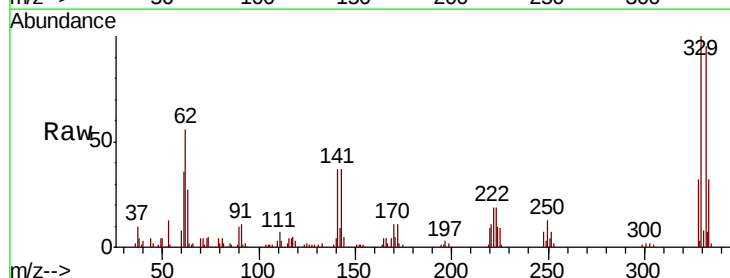
Tgt Ion:330 Resp: 93004

Ion Ratio Lower Upper

330 100

332 96.7 78.4 117.6

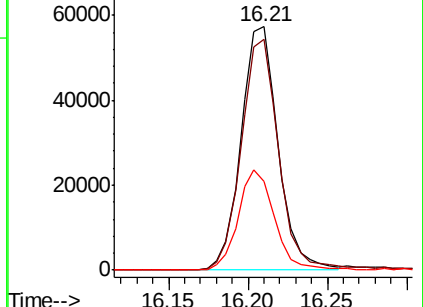
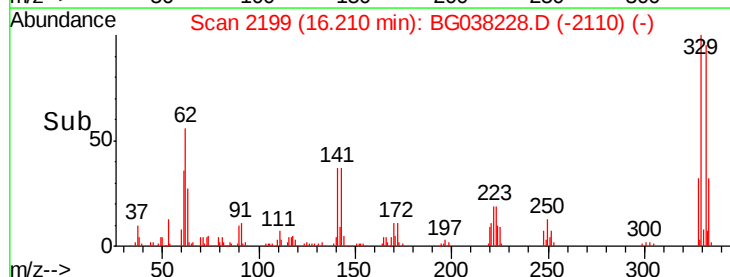
141 40.6 32.2 48.2



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

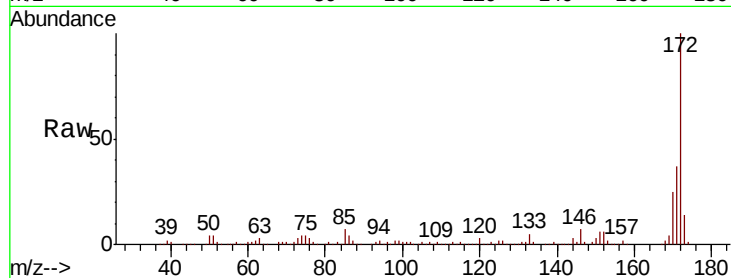




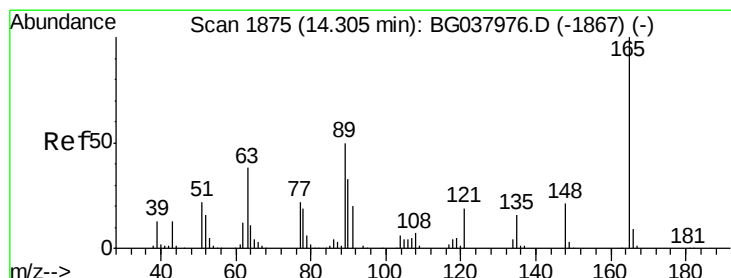
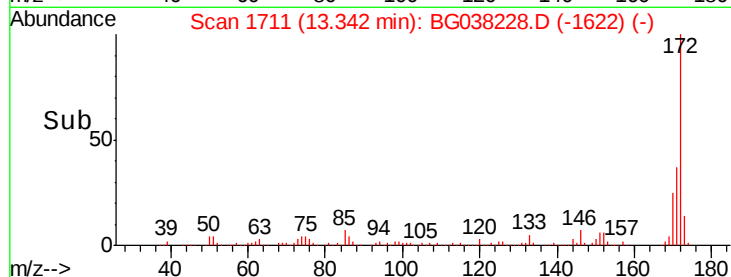
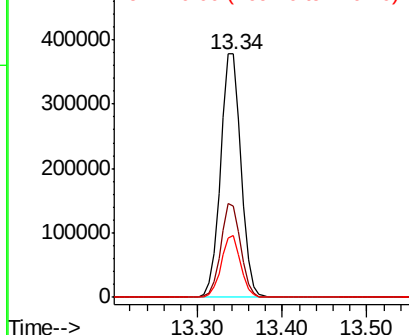
#45
 2-Fluorobiphenyl
 Concen: 90.604 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BG038228.D
 Acq: 29 Nov 2018 10:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 635447
 Ion Ratio Lower Upper
 172 100
 171 37.5 31.0 46.4
 170 25.3 20.2 30.2

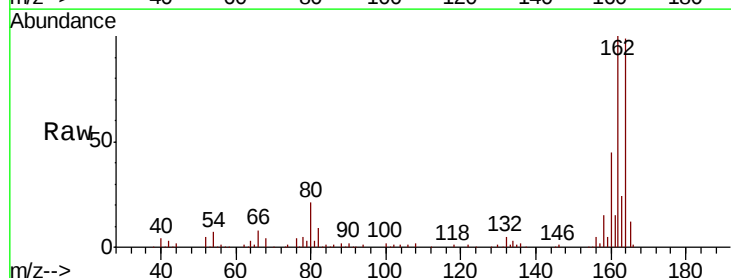


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

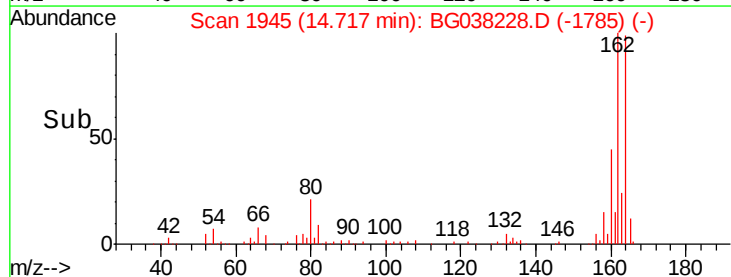
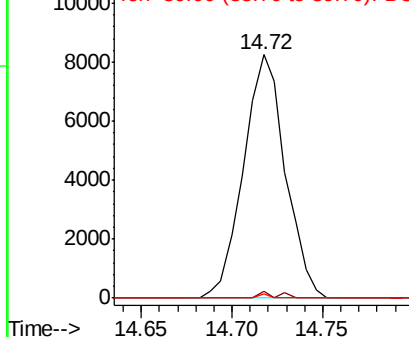


#51
 2,6-Dinitrotoluene
 Concen: 7.207 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. 0.41 min
 Lab File: BG038228.D
 Acq: 29 Nov 2018 10:29

Tgt Ion:165 Resp: 13212
 Ion Ratio Lower Upper
 165 100
 63 3.0 43.4 65.2#
 89 1.9 45.8 68.6#



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

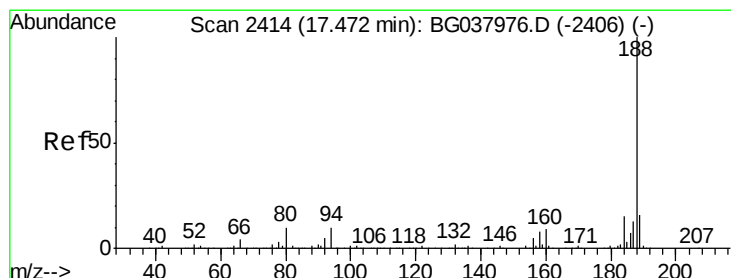
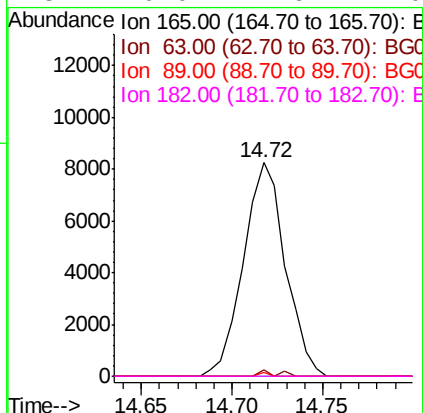
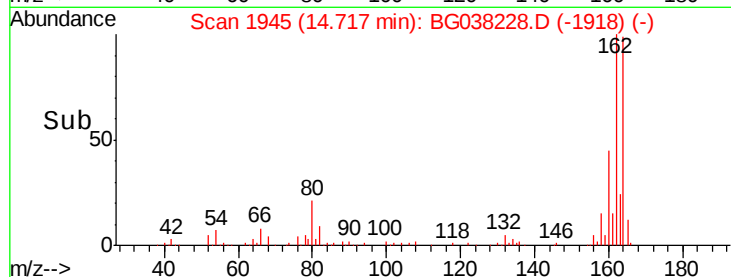
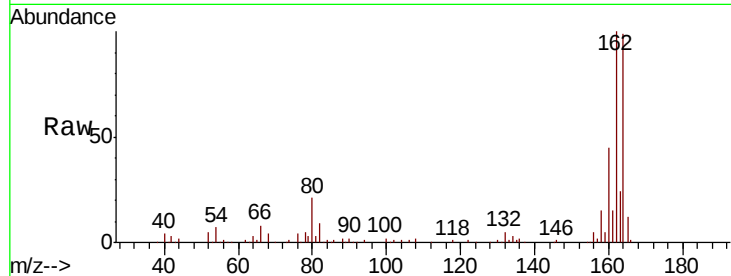




#57
 2,4-Dinitrotoluene
 Concen: 5.297 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. -0.37 min
 Lab File: BG038228.D
 Acq: 29 Nov 2018 10:29

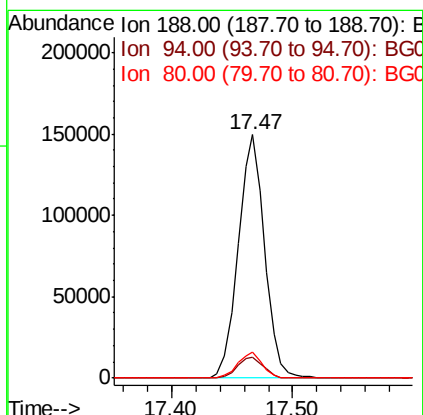
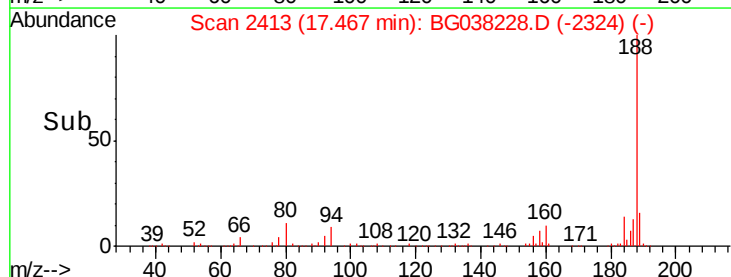
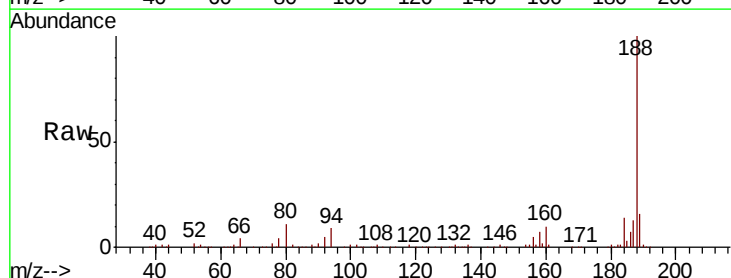
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165	Resp:	13212
Ion Ratio	Lower	Upper
165	100	
63	3.0	33.4 50.0#
89	1.9	57.2 85.8#
182	0.0	2.6 4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2413
 Delta R.T. -0.00 min
 Lab File: BG038228.D
 Acq: 29 Nov 2018 10:29

Tgt Ion:188	Resp:	227356
Ion Ratio	Lower	Upper
188	100	
94	8.6	7.2 10.8
80	10.6	7.7 11.5

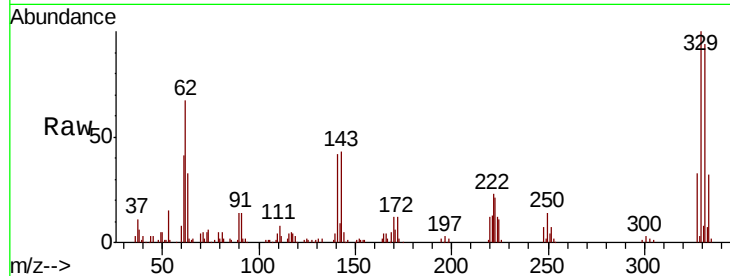




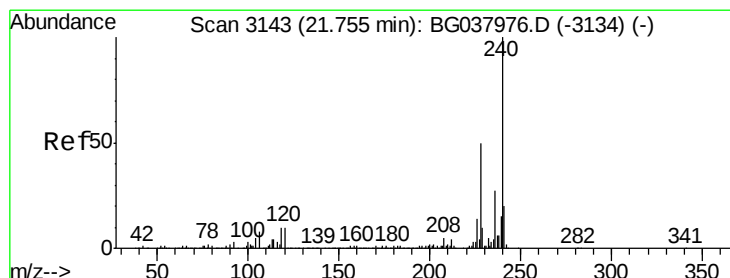
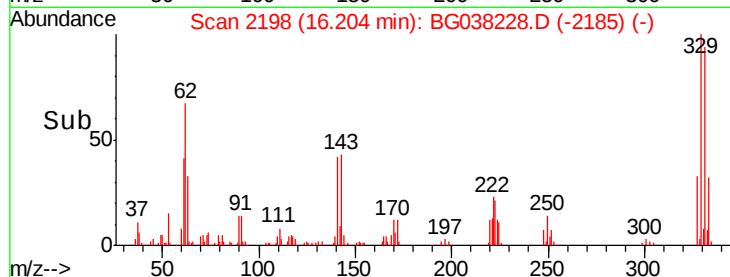
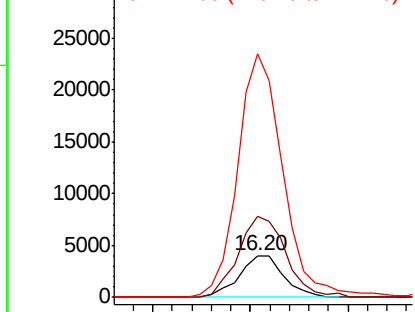
#67
 4-Bromophenyl-phenylether
 Concen: 2.565 ng
 RT: 16.20 min Scan# 2198
 Delta R.T. -0.45 min
 Lab File: BG038228.D
 Acq: 29 Nov 2018 10:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 6401
 Ion Ratio Lower Upper
 248 100
 250 192.9 77.0 115.6#
 141 452.6 55.5 83.3#

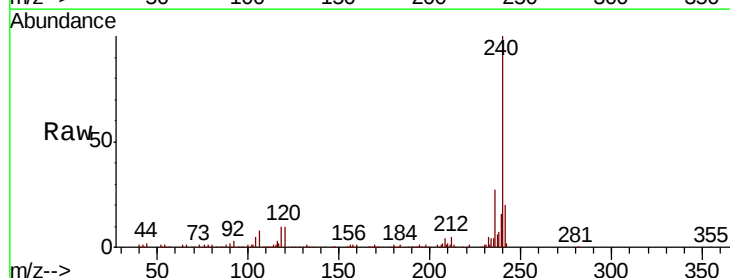


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

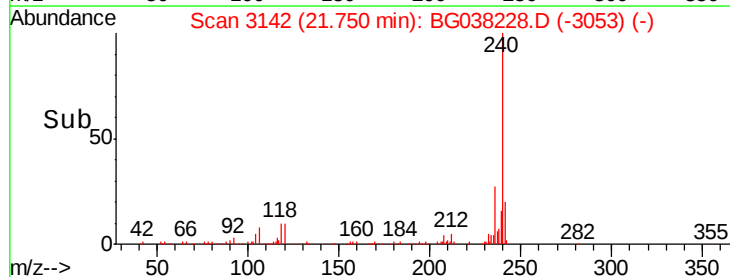
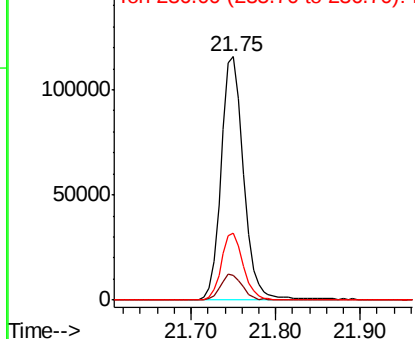


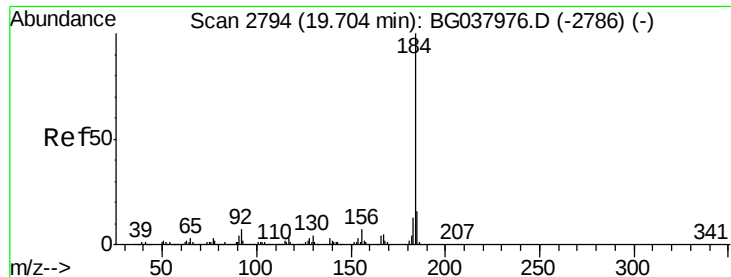
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.75 min Scan# 3142
 Delta R.T. -0.00 min
 Lab File: BG038228.D
 Acq: 29 Nov 2018 10:29

Tgt Ion:240 Resp: 214795
 Ion Ratio Lower Upper
 240 100
 120 10.0 8.1 12.1
 236 27.4 21.4 32.0



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





#77

Benzidine

Concen: 2.131 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.37 min

Lab File: BG038228.D

Acq: 29 Nov 2018 10:29

Instrument :

BNA_G

ClientSampleId :

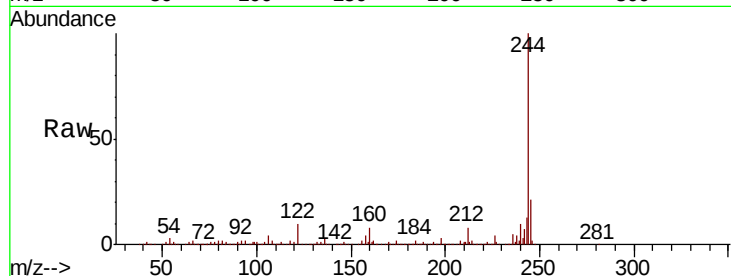
Tot Ion:184 Resp: 16064

Ion Ratio Lower Upper

184 100

185 16.7 12.6 18.8

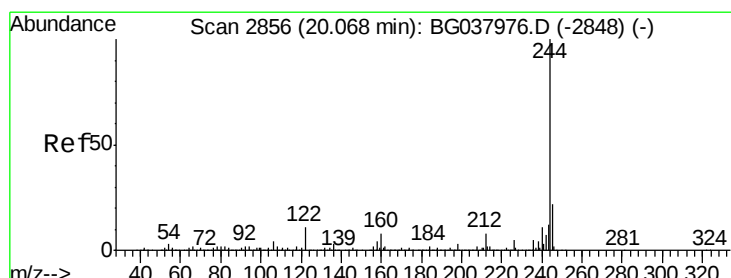
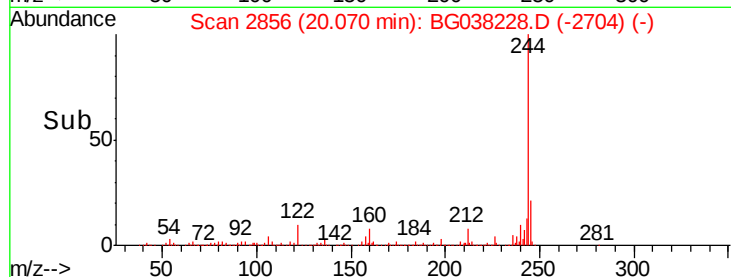
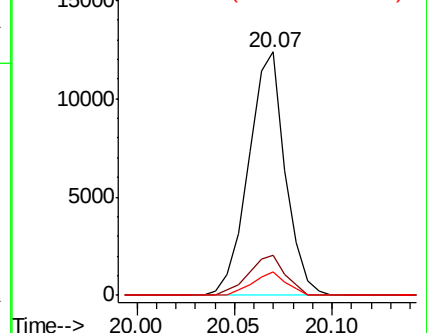
183 9.6 10.2 15.2#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 100.089 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038228.D

Acq: 29 Nov 2018 10:29

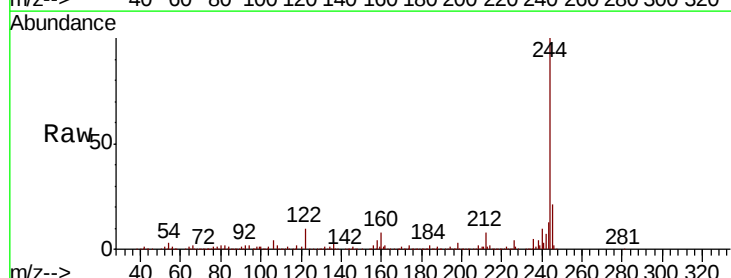
Tgt Ion:244 Resp: 913664

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

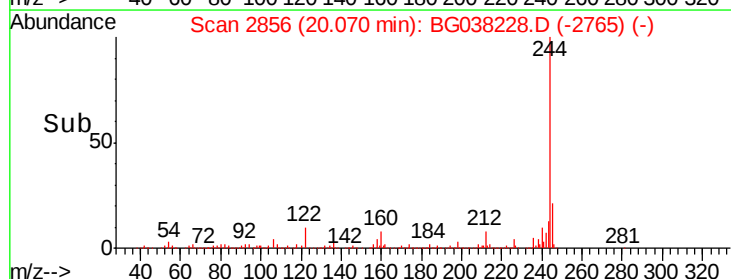
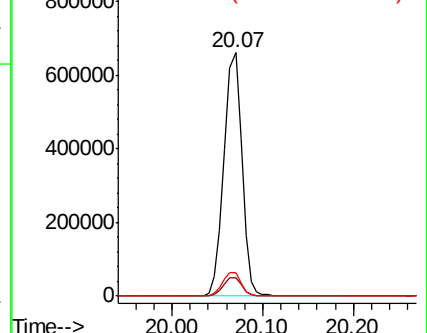
122 9.6 9.0 13.4

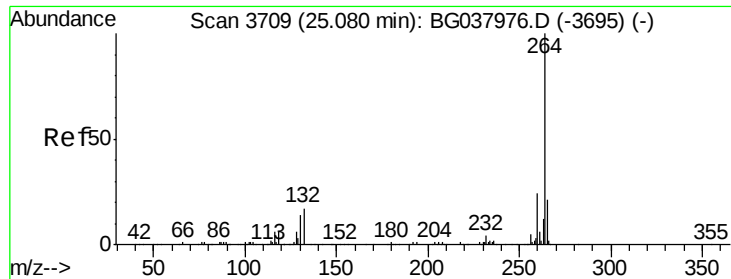


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.08 min Scan# 3708
 Delta R.T. -0.00 min
 Lab File: BG038228.D
 Acq: 29 Nov 2018 10:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.2	27.4
265	22.1	17.9	26.9

