

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112018\
 Data File : BG038112.D
 Acq On : 21 Nov 2018 9:51
 Operator : JU/SJ
 Sample : J5999-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 21 10:37:52 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

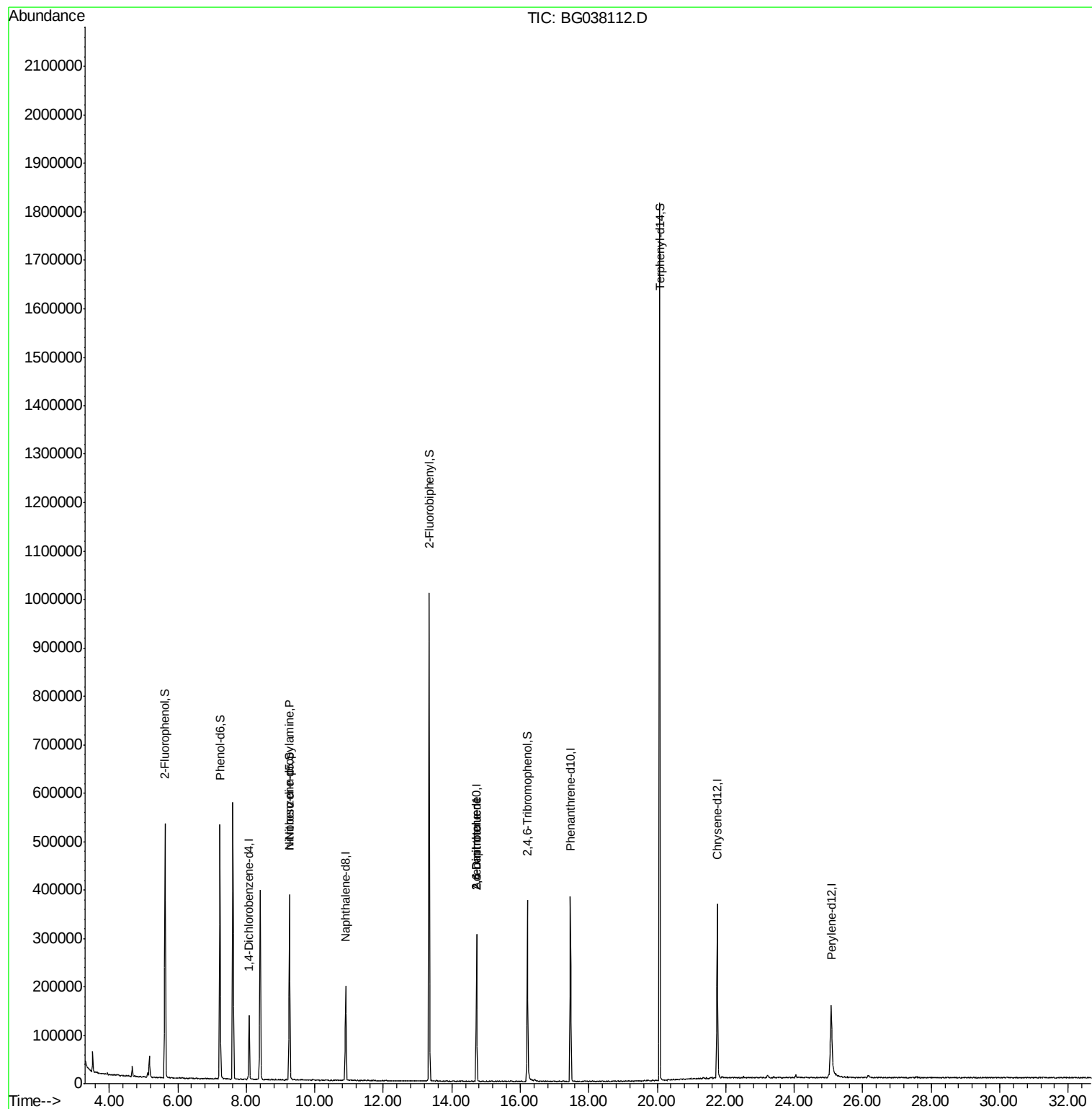
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	37571	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	172907	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	109969	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	250806	20.00	ng	0.00
76) Chrysene-d12	21.75	240	239414	20.00	ng	0.00
87) Perylene-d12	25.07	264	223296	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	241677	111.06	ng	0.00
7) Phenol-d6	7.23	99	323837	104.26	ng	0.00
23) Nitrobenzene-d5	9.26	82	239428	74.12	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	75156	59.92	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	539086	71.42	ng	0.00
79) Terphenyl-d14	20.07	244	844082	82.96	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.26	70	29511	13.130	ng	# 76
51) 2,6-Dinitrotoluene	14.72	165	13860	7.024	ng	# 25
57) 2,4-Dinitrotoluene	14.72	165	13860	5.163	ng	# 24

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112018\
Data File : BG038112.D
Acq On : 21 Nov 2018 9:51
Operator : JU/SJ
Sample : J5999-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Nov 21 10:37:52 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



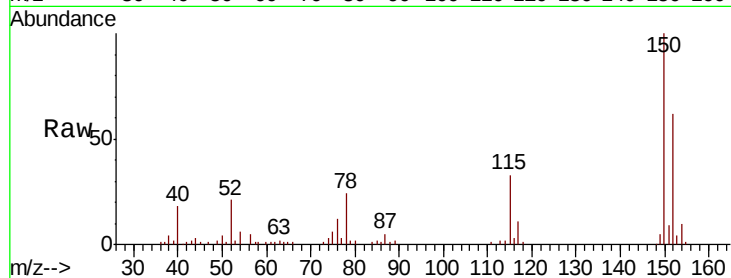


#1

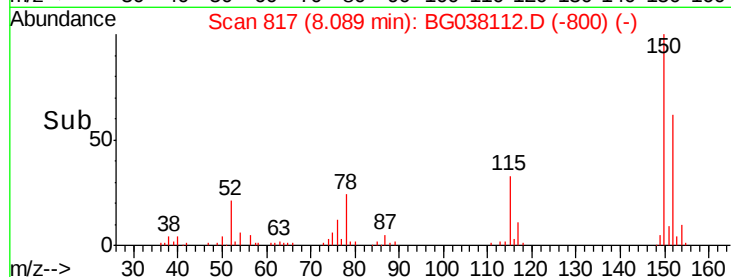
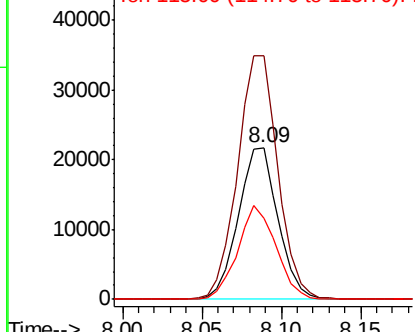
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. 0.00 min
Lab File: BG038112.D
Acq: 21 Nov 2018 9:51

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 37571
Ion Ratio Lower Upper
152 100
150 160.4 126.0 189.0
115 53.4 45.5 68.3



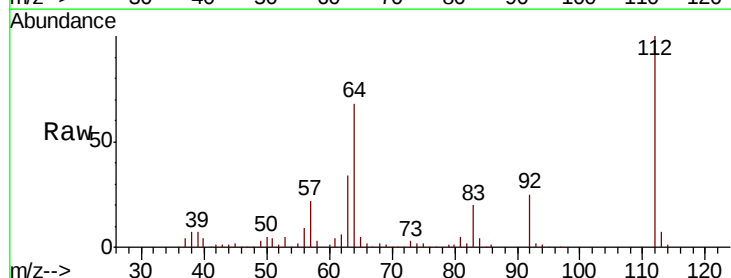
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



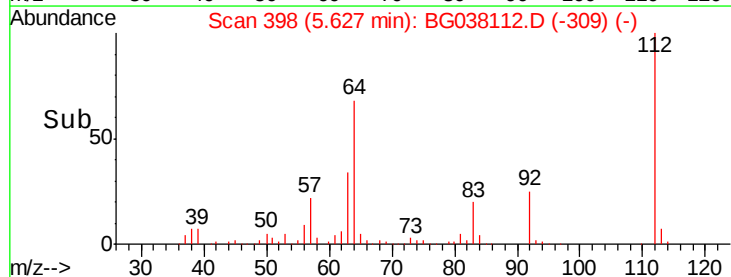
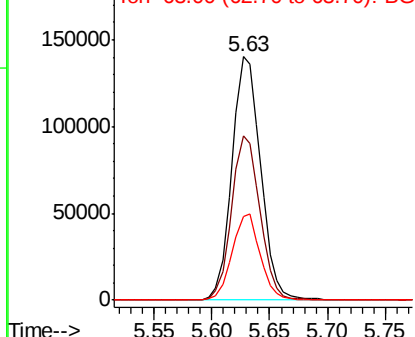
#5

2-Fluorophenol
Concen: 111.062 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.01 min
Lab File: BG038112.D
Acq: 21 Nov 2018 9:51

Tgt Ion:112 Resp: 241677
Ion Ratio Lower Upper
112 100
64 67.7 53.1 79.7
63 34.1 27.3 40.9



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: 104.255 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038112.D

Acq: 21 Nov 2018 9:51

Instrument :

BNA_G

ClientSampleId :

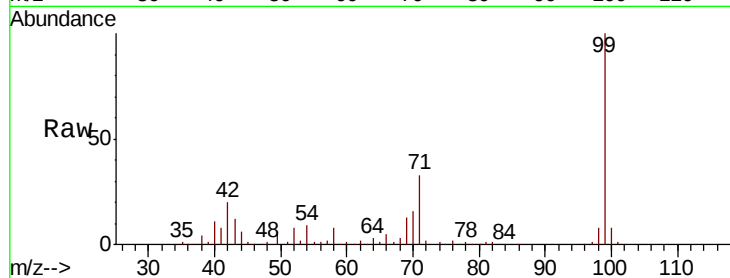
Tot Ion: 99 Resp: 323837

Ion Ratio Lower Upper

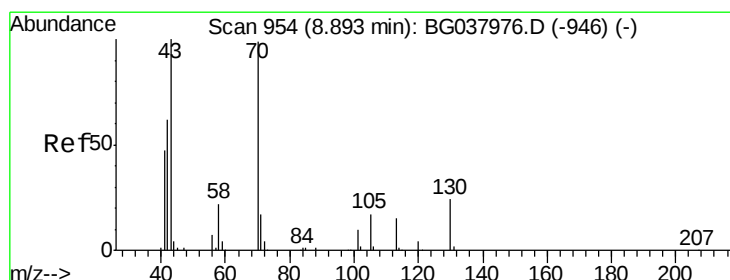
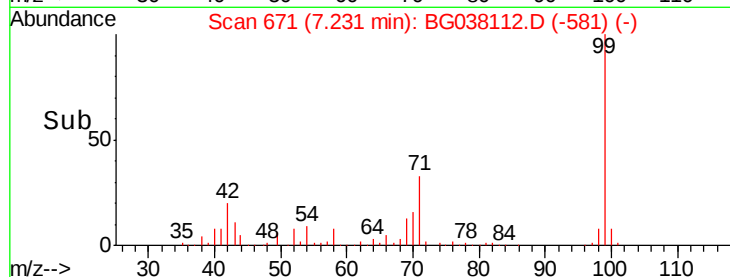
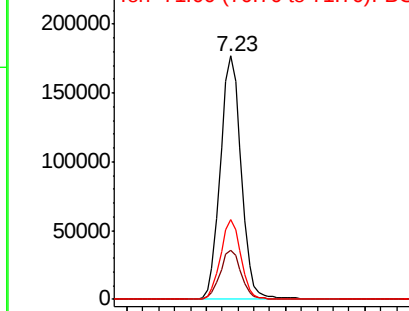
99 100

42 20.2 15.0 22.4

71 33.0 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: 13.130 ng

RT: 9.26 min Scan# 1016

Delta R.T. 0.36 min

Lab File: BG038112.D

Acq: 21 Nov 2018 9:51

Tgt Ion: 70 Resp: 29511

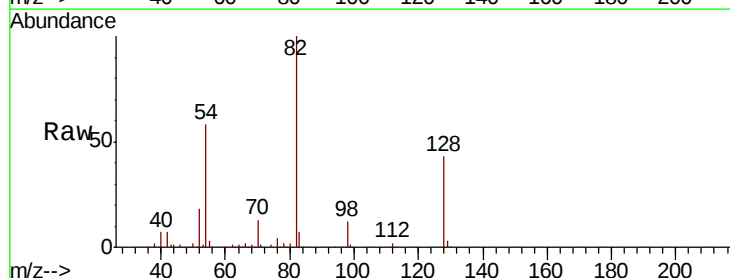
Ion Ratio Lower Upper

70 100

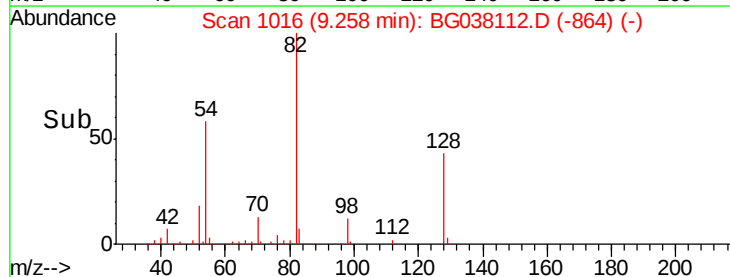
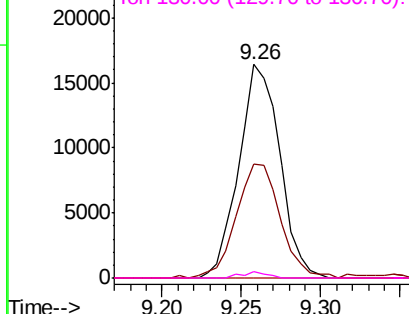
42 53.1 53.9 80.9#

101 0.0 8.2 12.2#

130 2.7 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

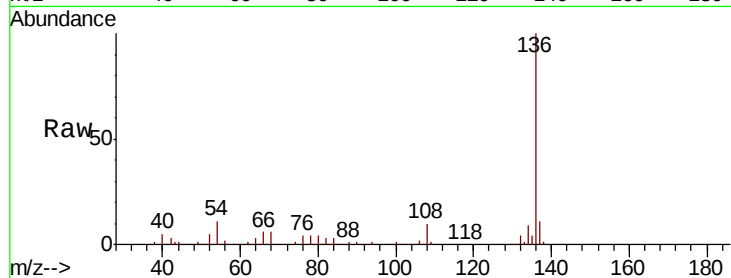




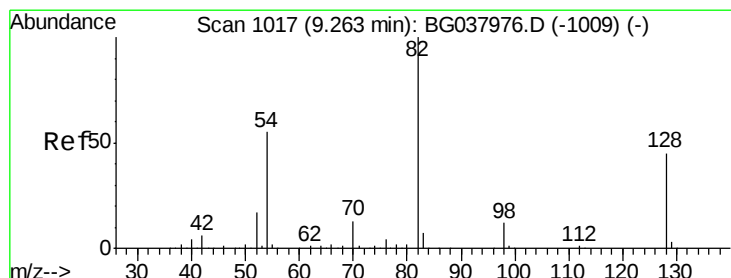
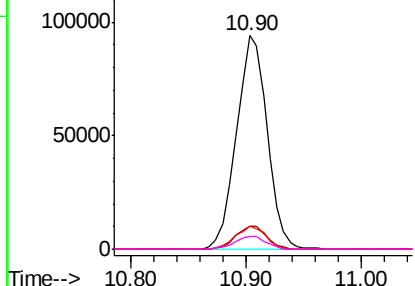
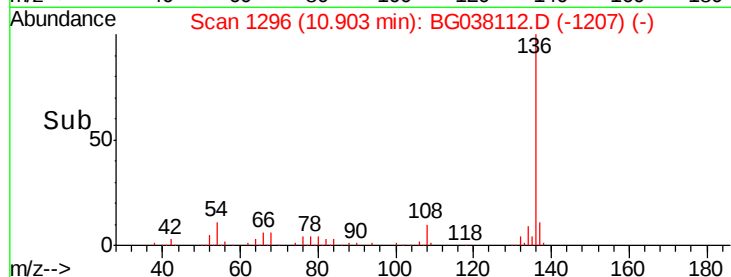
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BG038112.D
Acq: 21 Nov 2018 9:51

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	172907
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.6 14.4
54	11.0	7.9 11.9
68	5.8	4.8 7.2

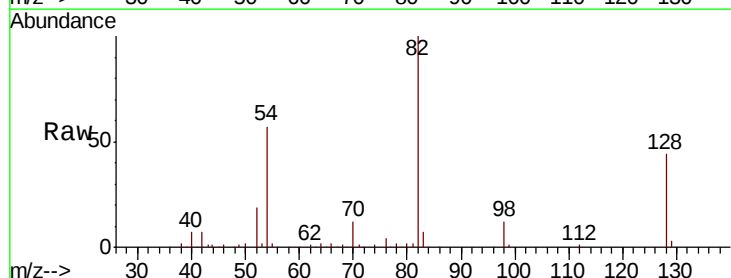


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

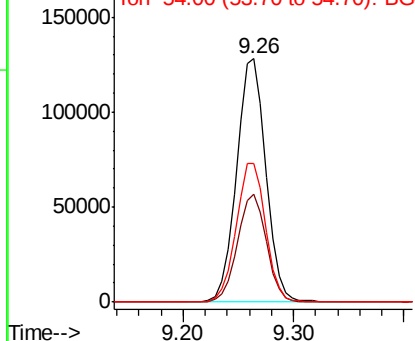
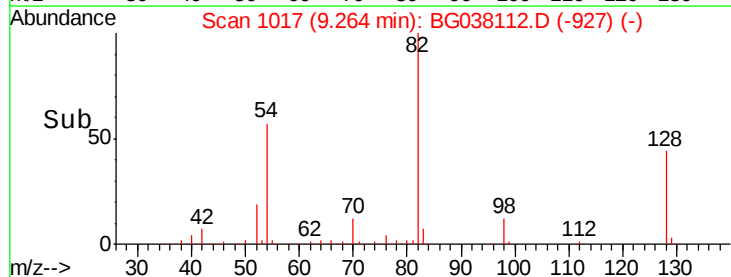


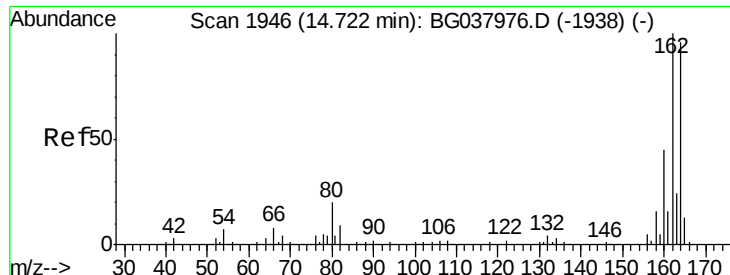
#23
Nitrobenzene-d5
Concen: 74.125 ng
RT: 9.26 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG038112.D
Acq: 21 Nov 2018 9:51

Tgt Ion: 82	Resp:	239428
Ion Ratio	Lower	Upper
82	100	
128	44.4	34.6 51.8
54	57.0	45.3 67.9



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BG038112.D

Acq: 21 Nov 2018 9:51

Instrument :

BNA_G

ClientSampleId :

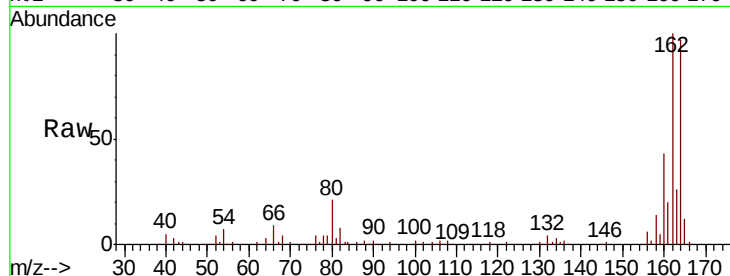
Tot Ion:164 Resp: 109969

Ion Ratio Lower Upper

164 100

162 103.6 81.3 121.9

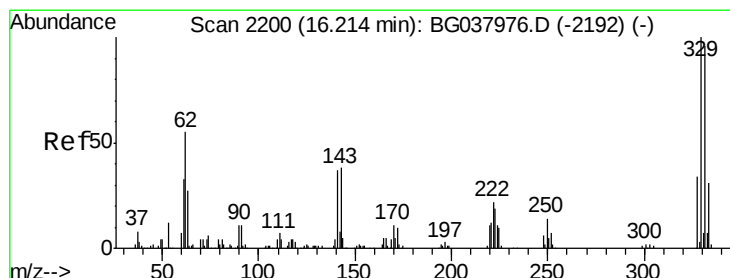
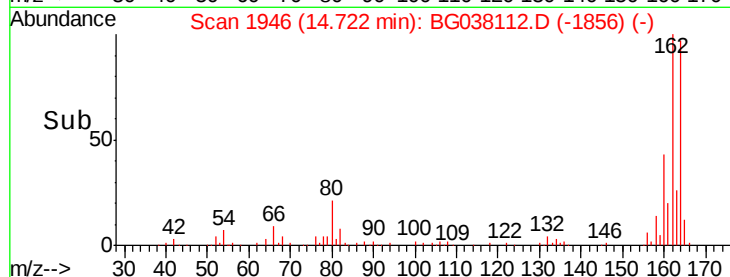
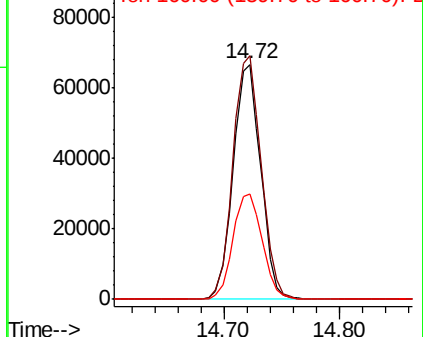
160 44.9 36.3 54.5



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: 59.925 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG038112.D

Acq: 21 Nov 2018 9:51

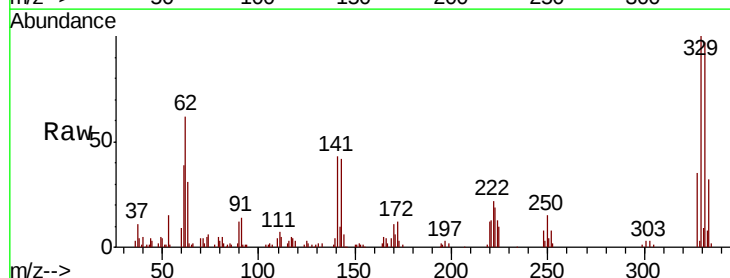
Tgt Ion:330 Resp: 75156

Ion Ratio Lower Upper

330 100

332 94.7 78.4 117.6

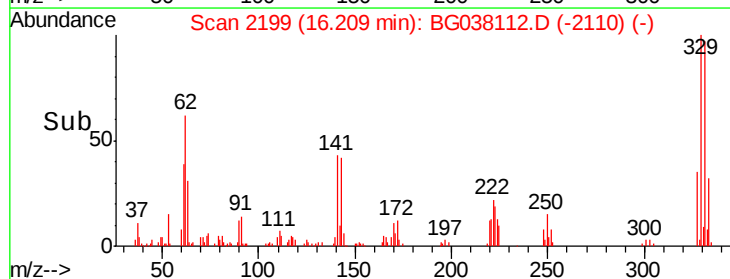
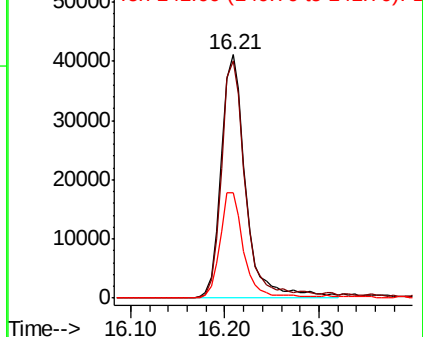
141 41.6 32.2 48.2

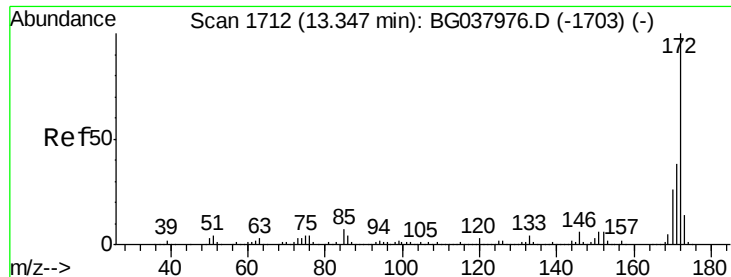


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

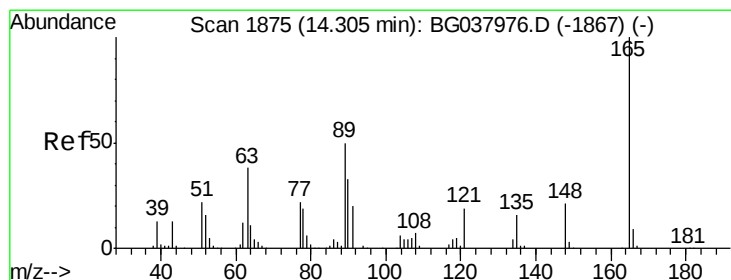
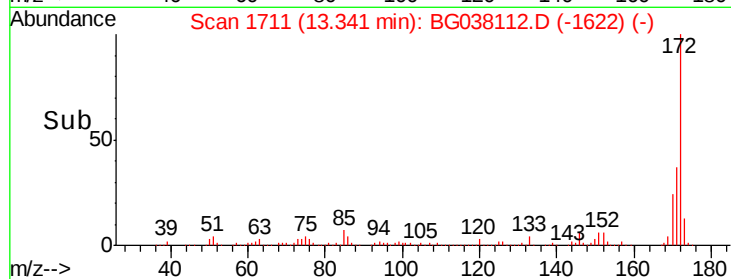
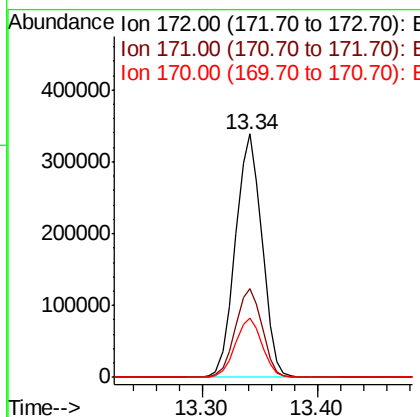
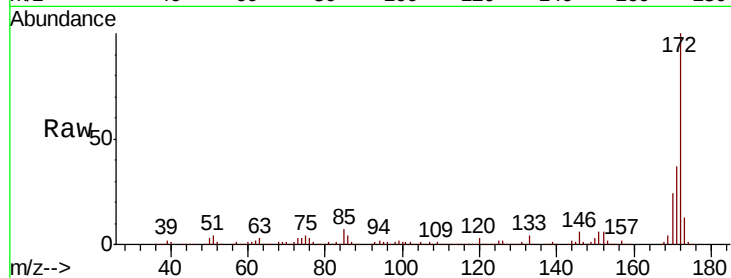




#45
 2-Fluorobiphenyl
 Concen: 71.417 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038112.D
 Acq: 21 Nov 2018 9:51

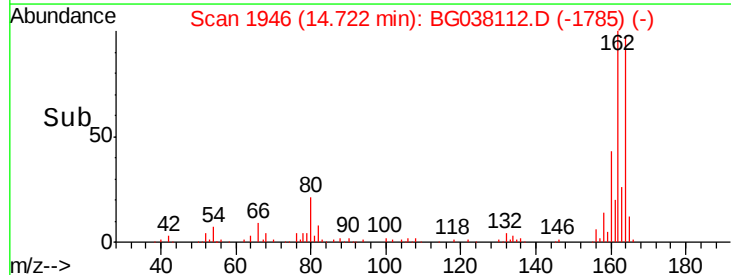
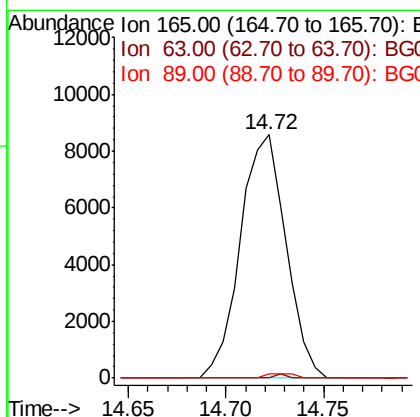
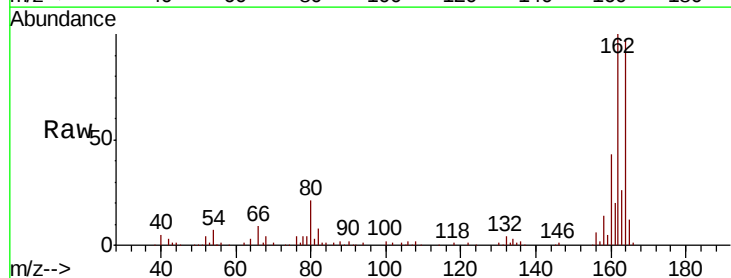
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	31.0	46.4
170	24.2	20.2	30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.024 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. 0.42 min
 Lab File: BG038112.D
 Acq: 21 Nov 2018 9:51

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	1.8	45.8	68.6#

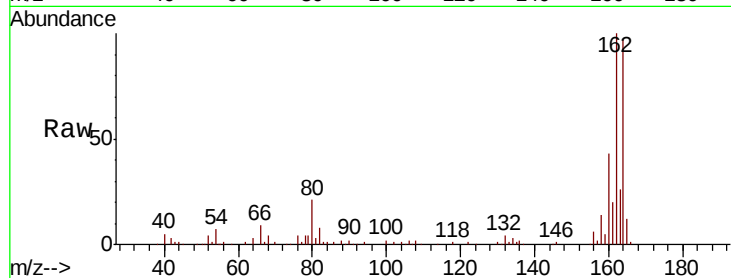




#57
 2,4-Dinitrotoluene
 Concen: 5.163 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.36 min
 Lab File: BG038112.D
 Acq: 21 Nov 2018 9:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	1.8	57.2	85.8#
182	0.0	2.6	4.0#

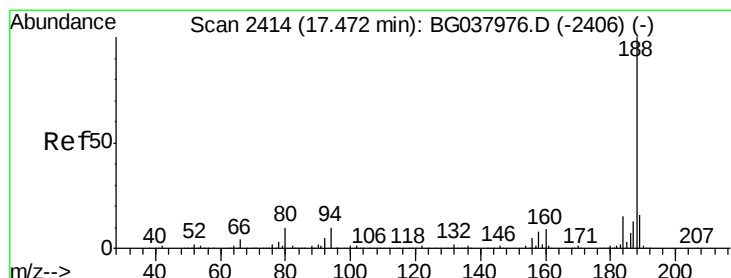
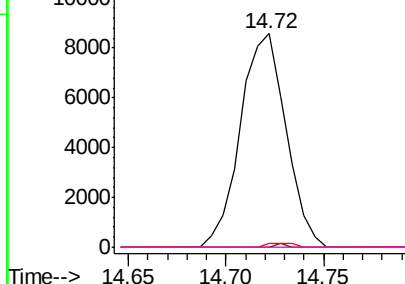
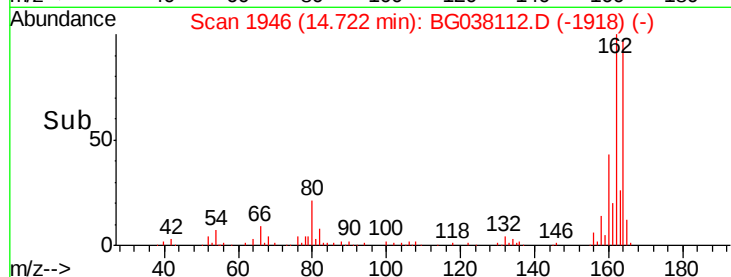


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

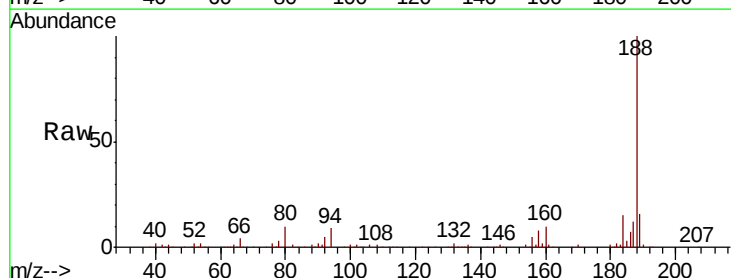
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2413
 Delta R.T. -0.01 min
 Lab File: BG038112.D
 Acq: 21 Nov 2018 9:51

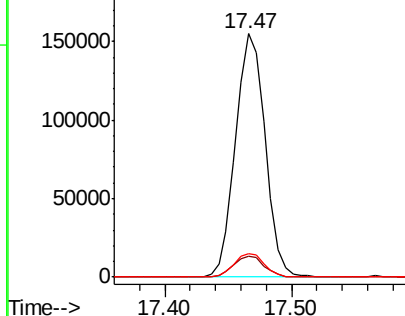
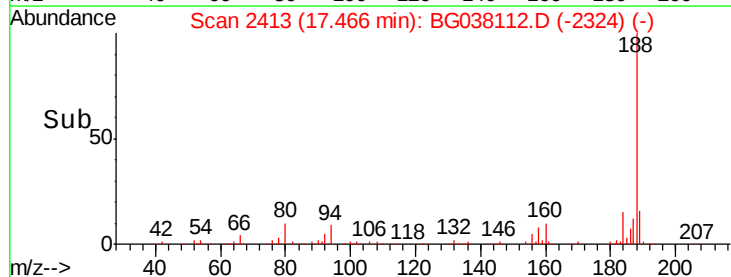
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.2	10.8
80	9.8	7.7	11.5

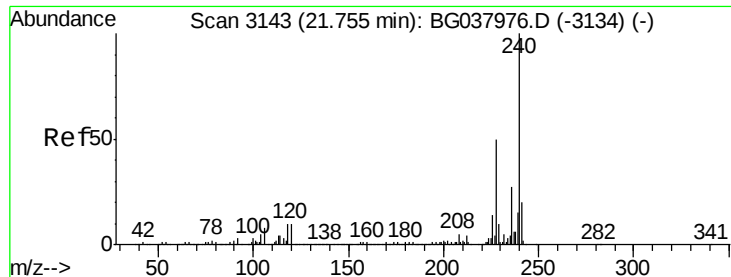


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

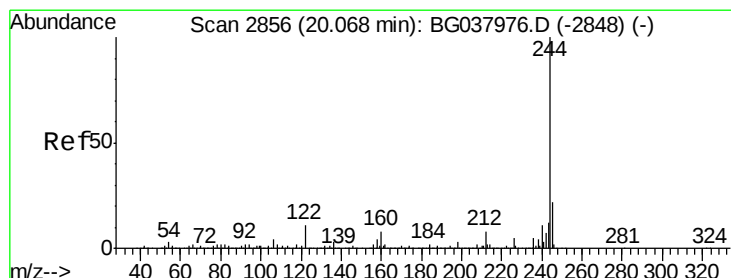
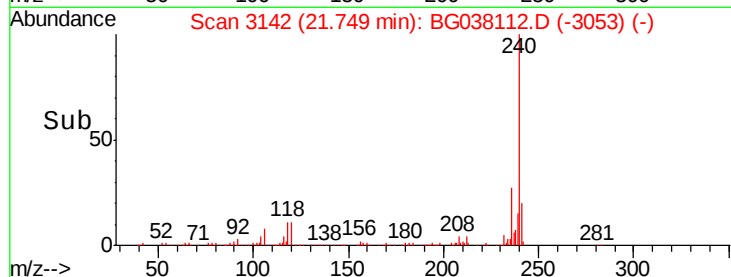
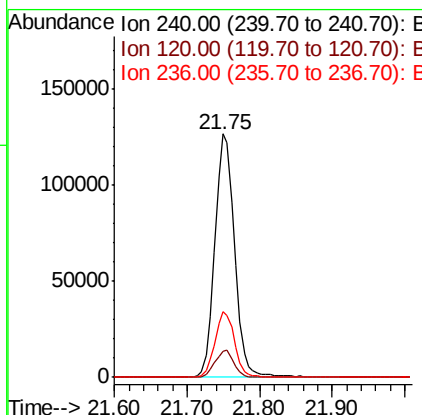
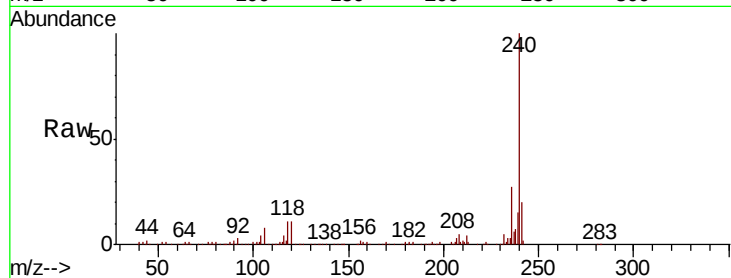




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.75 min Scan# 3142
 Delta R.T. -0.01 min
 Lab File: BG038112.D
 Acq: 21 Nov 2018 9:51

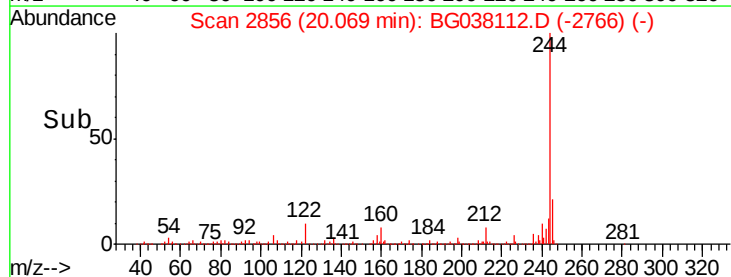
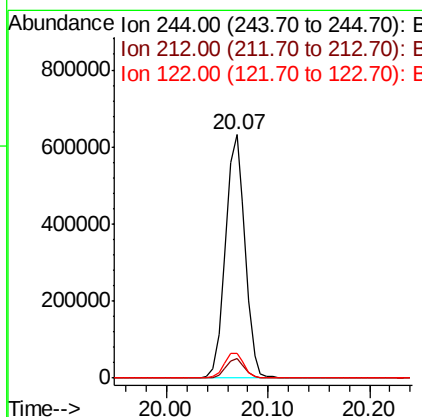
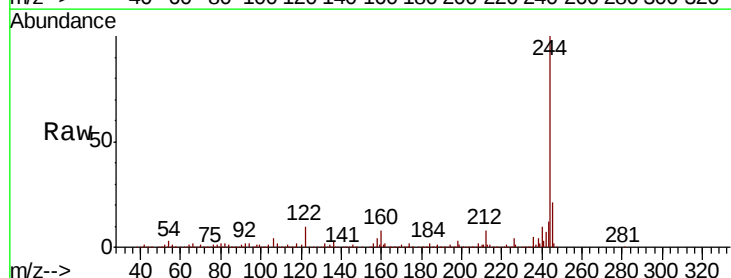
Instrument :
 BNA_G
 ClientSampleId :

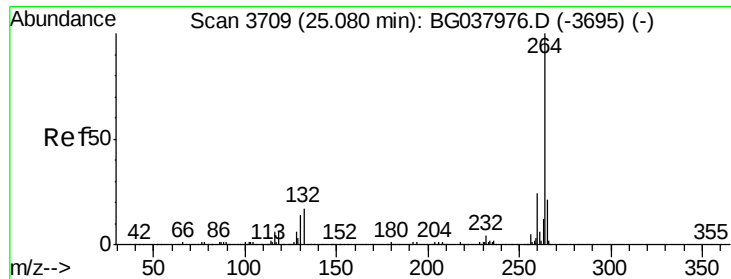
Tot Ion:240 Resp: 239414
 Ion Ratio Lower Upper
 240 100
 120 10.8 8.1 12.1
 236 26.8 21.4 32.0



#79
 Terphenyl-d14
 Concen: 82.958 ng
 RT: 20.07 min Scan# 2856
 Delta R.T. 0.00 min
 Lab File: BG038112.D
 Acq: 21 Nov 2018 9:51

Tgt Ion:244 Resp: 844082
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.5 9.7
 122 9.9 9.0 13.4

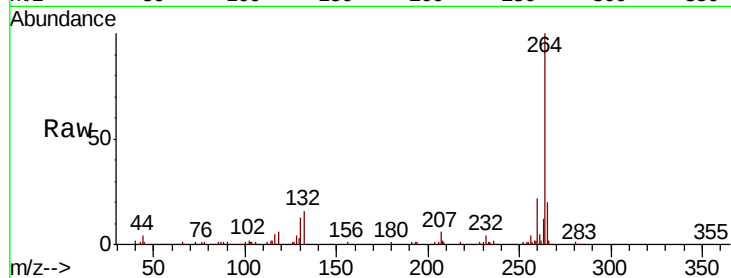




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.07 min Scan# 3708
Delta R.T. -0.01 min
Lab File: BG038112.D
Acq: 21 Nov 2018 9:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.2	27.4
265	19.9	17.9	26.9



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

