

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112018\
 Data File : BG038114.D
 Acq On : 21 Nov 2018 11:48
 Operator : JU/SJ
 Sample : PB114976BL
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 21 12:24:40 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

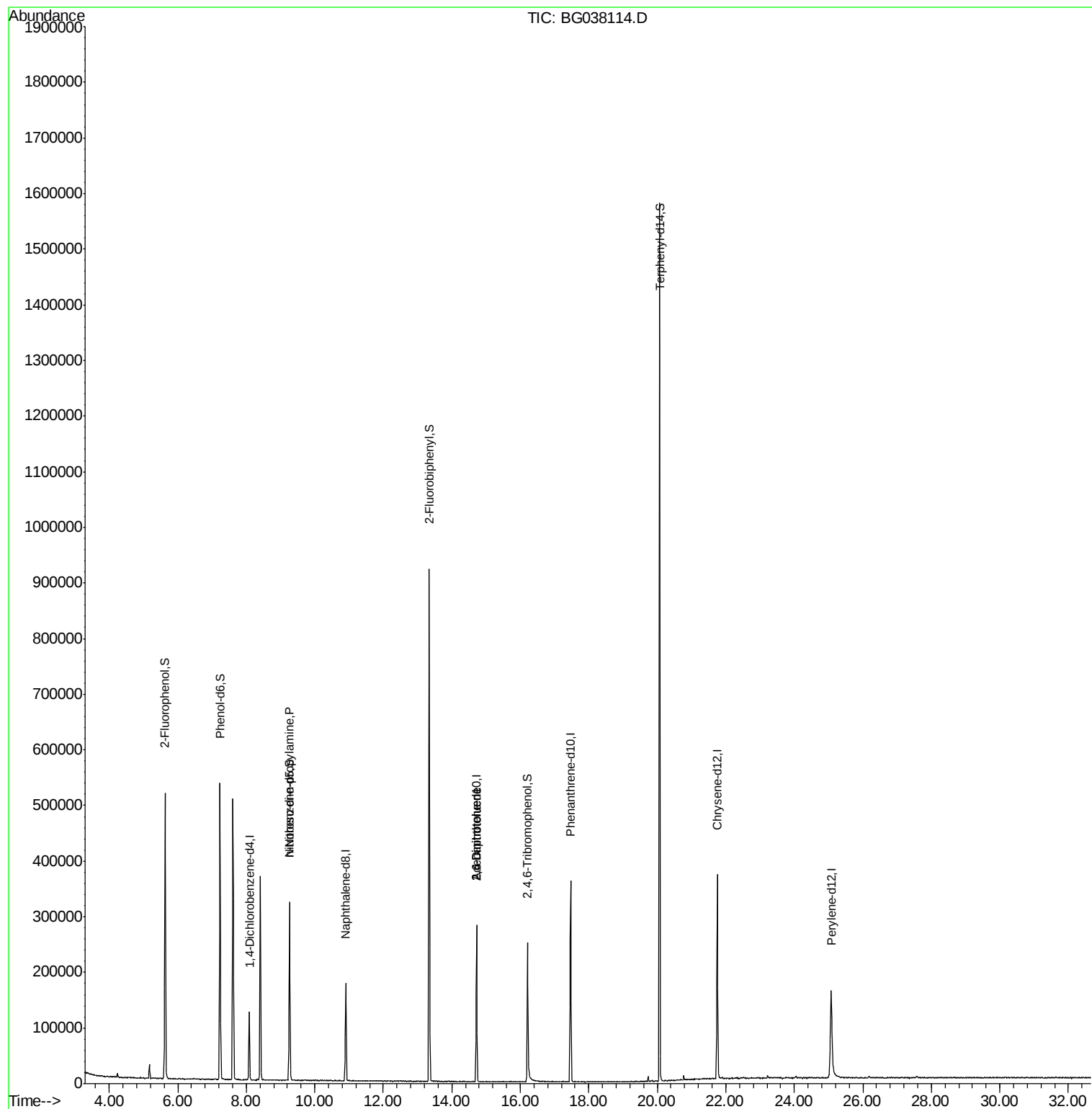
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	35041	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	156504	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	103023	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	242088	20.00	ng	0.00
76) Chrysene-d12	21.75	240	235978	20.00	ng	0.00
87) Perylene-d12	25.07	264	227570	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	234174	115.38	ng	0.00
7) Phenol-d6	7.23	99	329658	113.79	ng	0.00
23) Nitrobenzene-d5	9.26	82	199148	68.12	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	56618	48.19	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	482789	68.27	ng	0.00
79) Terphenyl-d14	20.07	244	761709	75.95	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.26	70	25251	12.046	ng	# 74
51) 2,6-Dinitrotoluene	14.72	165	13021	7.044	ng	# 23
57) 2,4-Dinitrotoluene	14.72	165	13021	5.177	ng	# 23

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

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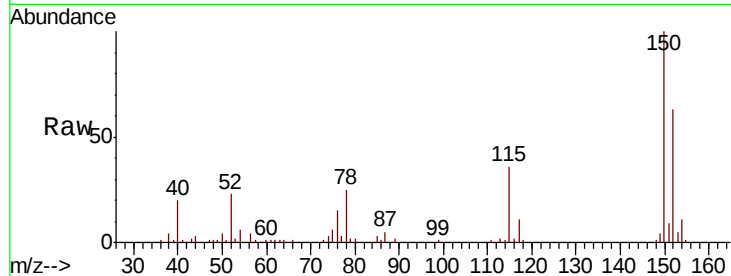


#1

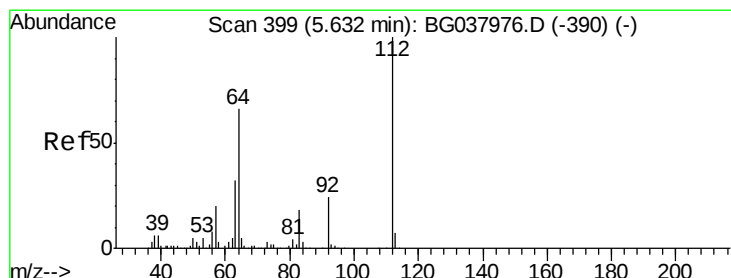
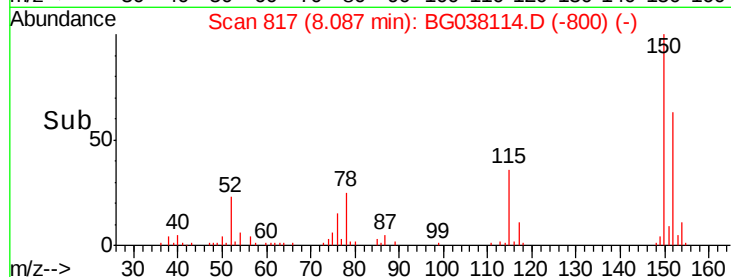
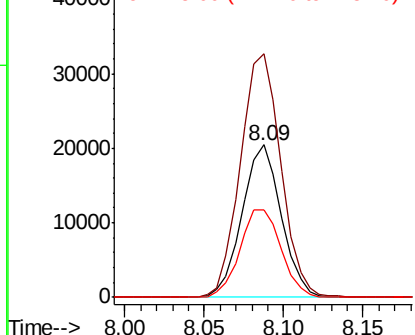
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.00 min
Lab File: BG038114.D
Acq: 21 Nov 2018 11:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 35041
Ion Ratio Lower Upper
152 100
150 159.7 126.0 189.0
115 57.2 45.5 68.3



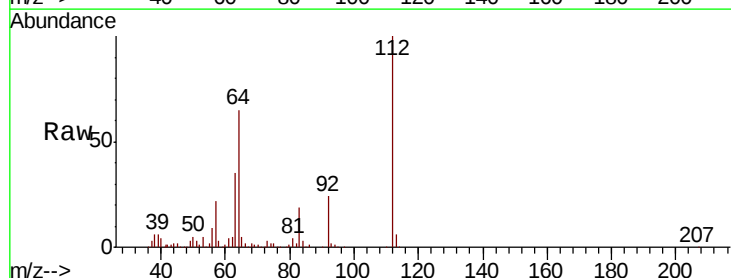
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



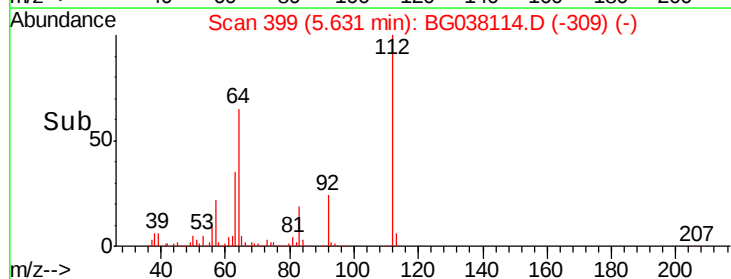
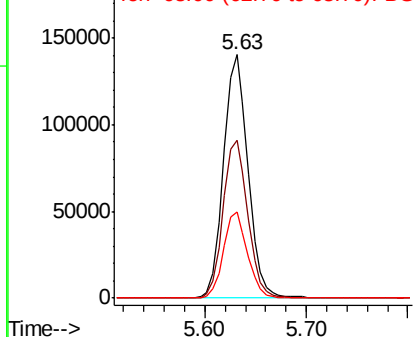
#5

2-Fluorophenol
Concen: 115.384 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG038114.D
Acq: 21 Nov 2018 11:48

Tgt Ion:112 Resp: 234174
Ion Ratio Lower Upper
112 100
64 64.7 53.1 79.7
63 35.2 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: 113.792 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG038114.D

Acq: 21 Nov 2018 11:48

Instrument :

BNA_G

ClientSampled :

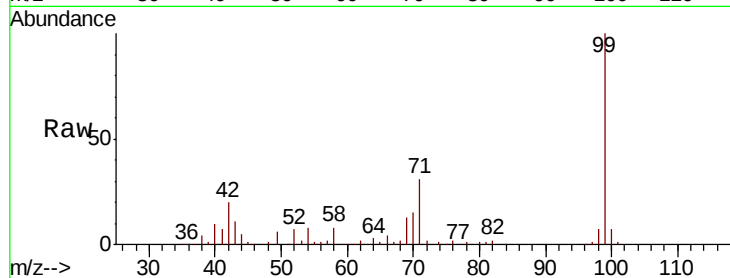
Tot Ion: 99 Resp: 329658

Ion Ratio Lower Upper

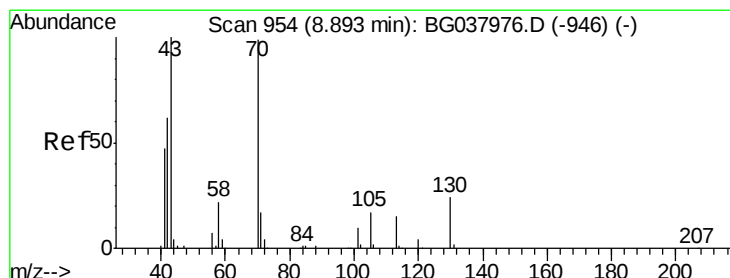
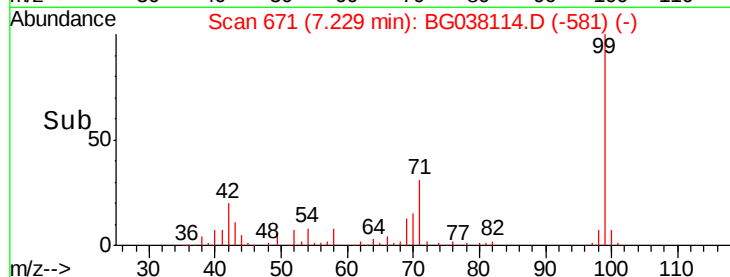
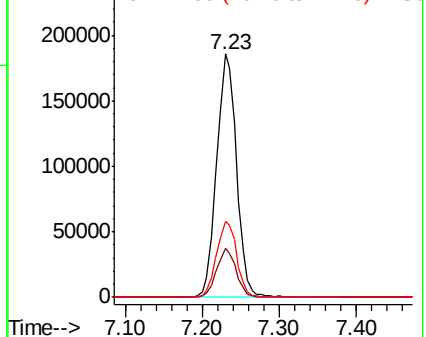
99 100

42 20.1 15.0 22.4

71 31.4 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: 12.046 ng

RT: 9.26 min Scan# 1017

Delta R.T. 0.37 min

Lab File: BG038114.D

Acq: 21 Nov 2018 11:48

Tgt Ion: 70 Resp: 25251

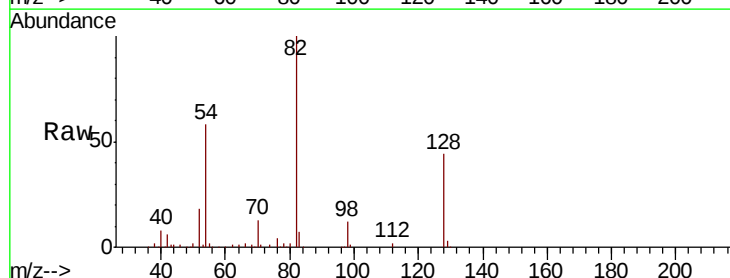
Ion Ratio Lower Upper

70 100

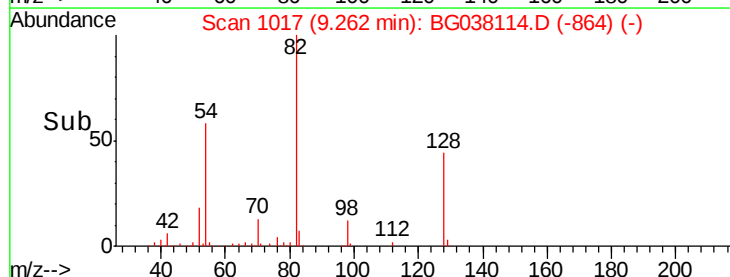
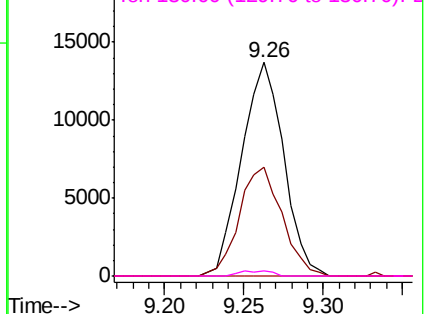
42 50.9 53.9 80.9#

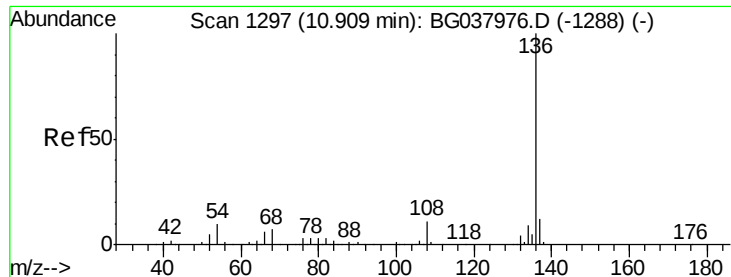
101 0.0 8.2 12.2#

130 2.4 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: 10.91 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BG038114.D

Acq: 21 Nov 2018 11:48

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 156504

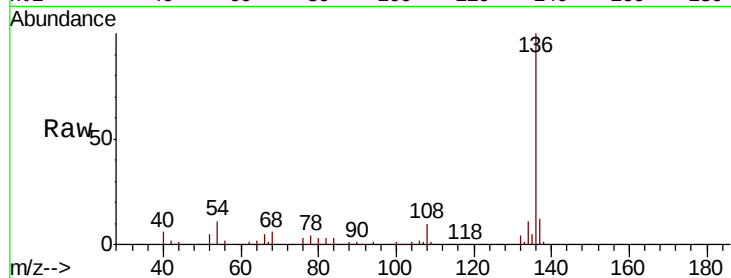
Ion Ratio Lower Upper

136 100

137 11.9 9.6 14.4

54 10.9 7.9 11.9

68 6.5 4.8 7.2

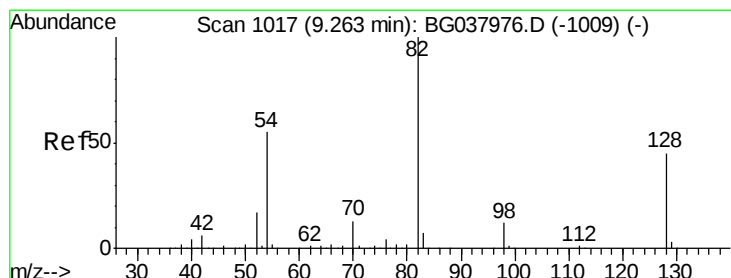
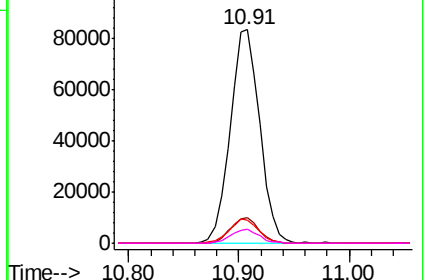
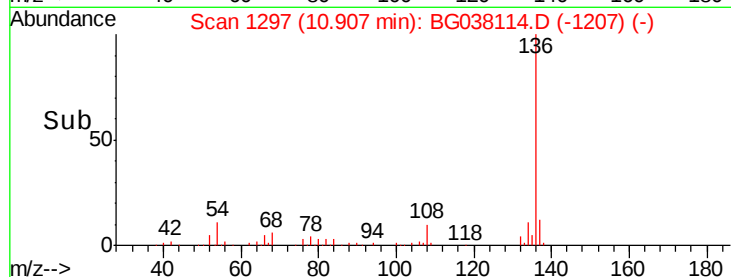


Abundance Ion 136.00 (135.70 to 136.70): E

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: 68.116 ng

RT: 9.26 min Scan# 1017

Delta R.T. -0.00 min

Lab File: BG038114.D

Acq: 21 Nov 2018 11:48

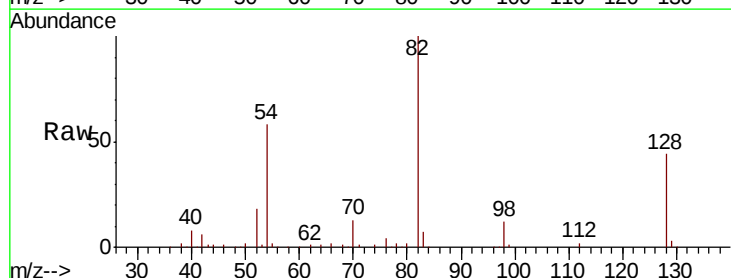
Tgt Ion: 82 Resp: 199148

Ion Ratio Lower Upper

82 100

128 44.5 34.6 51.8

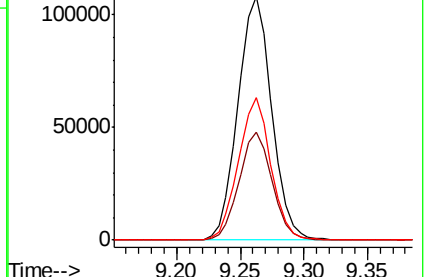
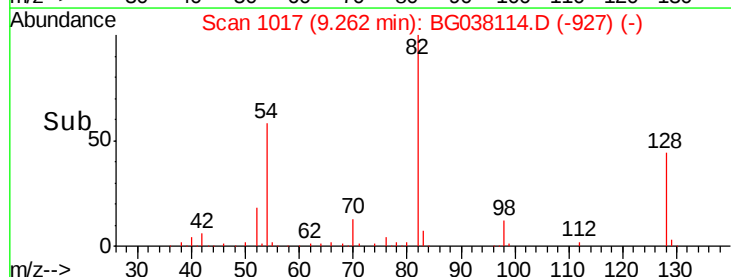
54 58.5 45.3 67.9

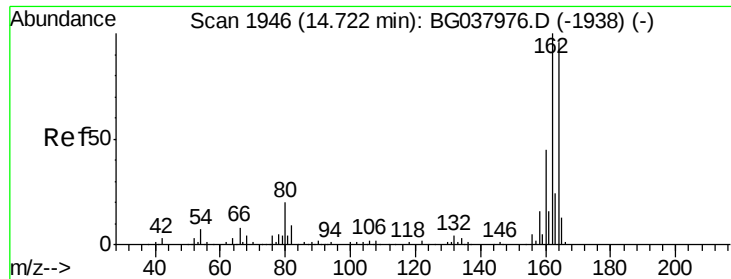


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

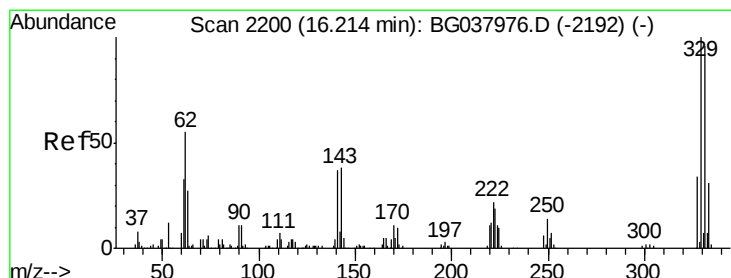
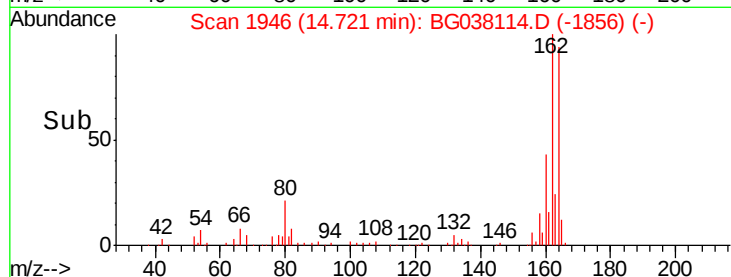
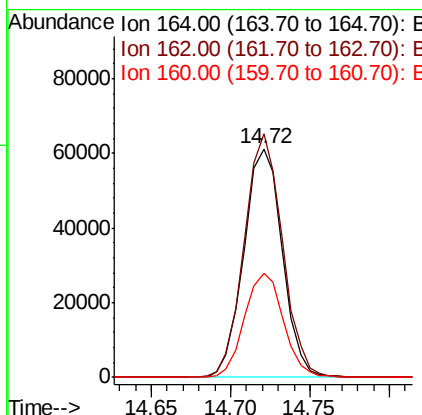
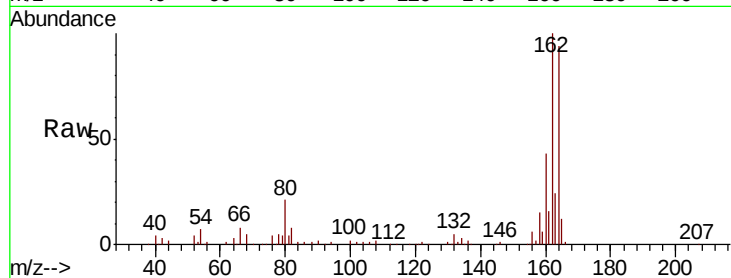




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BG038114.D
Acq: 21 Nov 2018 11:48

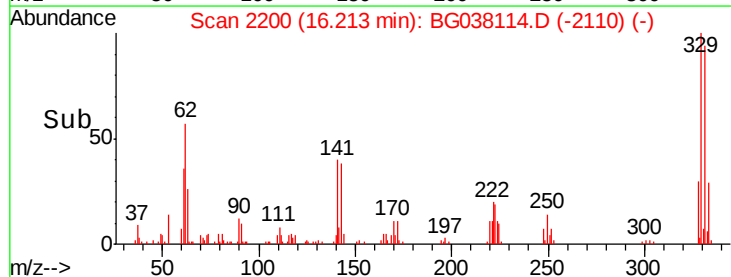
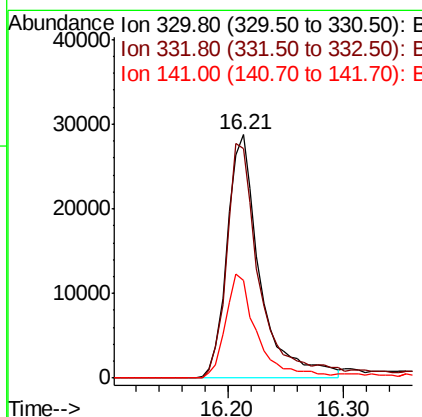
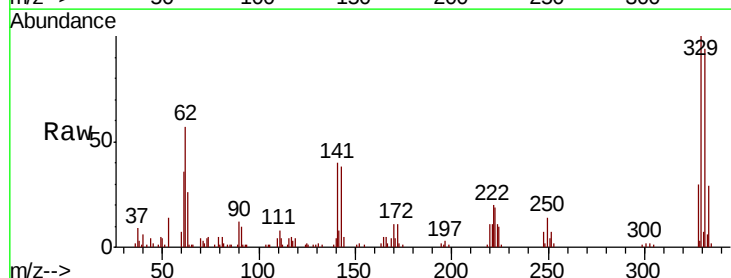
Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 103023
Ion Ratio Lower Upper
164 100
162 106.4 81.3 121.9
160 45.6 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 48.187 ng
RT: 16.21 min Scan# 2200
Delta R.T. -0.00 min
Lab File: BG038114.D
Acq: 21 Nov 2018 11:48

Tgt Ion:330 Resp: 56618
Ion Ratio Lower Upper
330 100
332 100.6 78.4 117.6
141 41.2 32.2 48.2

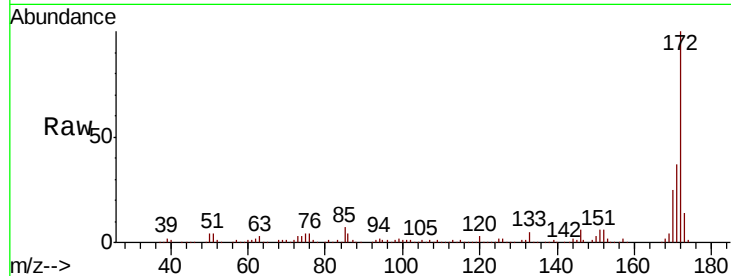




#45
 2-Fluorobiphenyl
 Concen: 68.271 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038114.D
 Acq: 21 Nov 2018 11:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	31.0	46.4
170	25.5	20.2	30.2

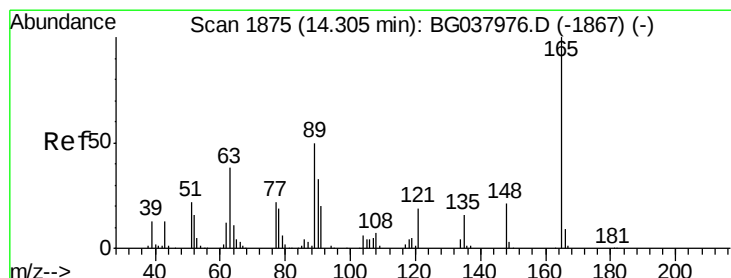
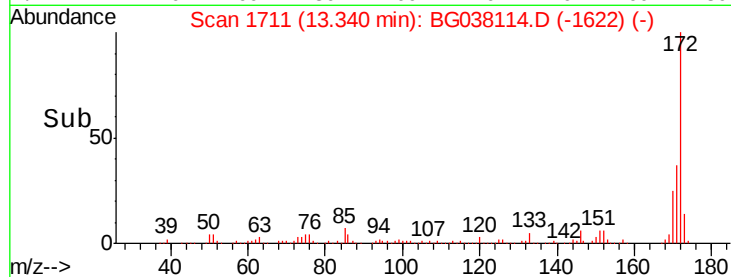
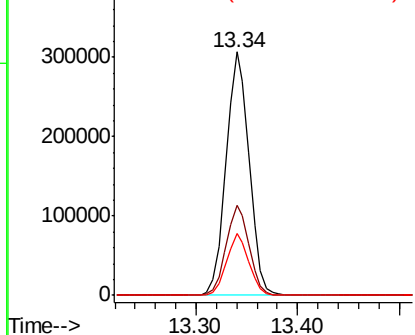


Abundance

Ion 172.00 (171.70 to 172.70): E

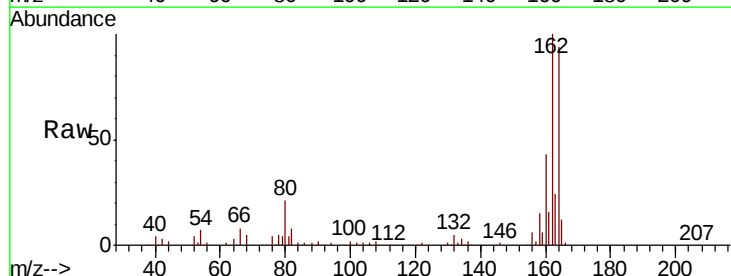
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#51
 2,6-Dinitrotoluene
 Concen: 7.044 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. 0.42 min
 Lab File: BG038114.D
 Acq: 21 Nov 2018 11:48

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

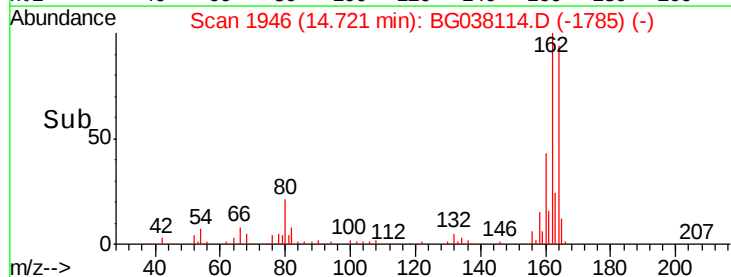
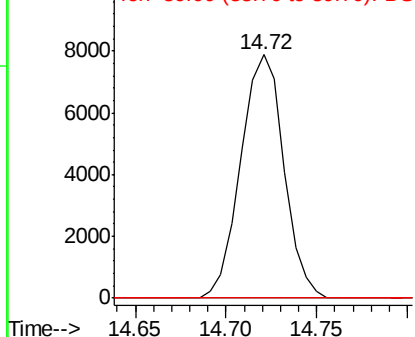


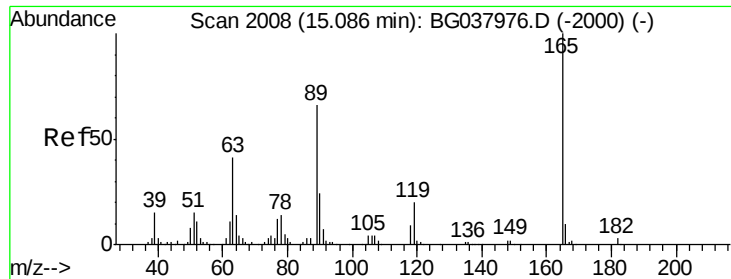
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0

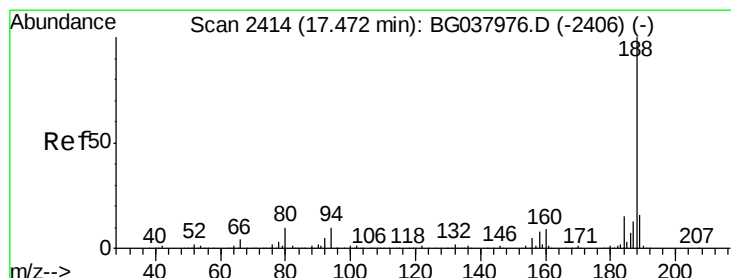
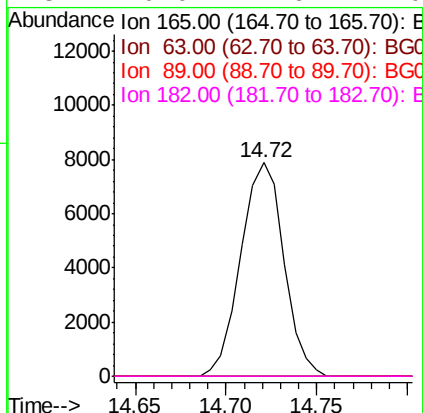
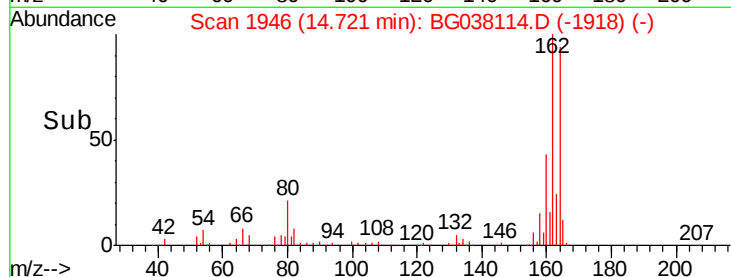
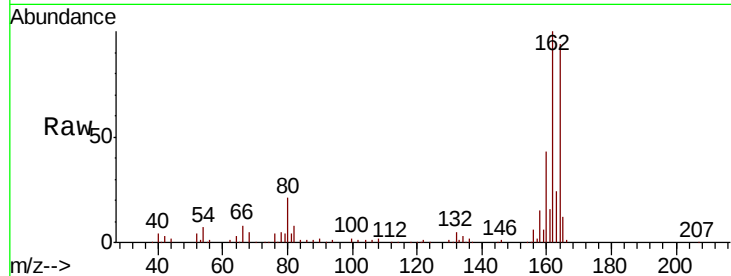




#57
 2,4-Dinitrotoluene
 Concen: 5.177 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.37 min
 Lab File: BG038114.D
 Acq: 21 Nov 2018 11:48

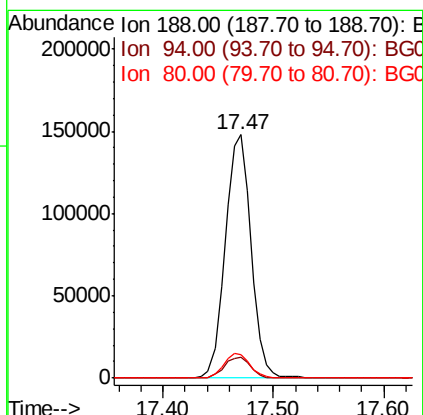
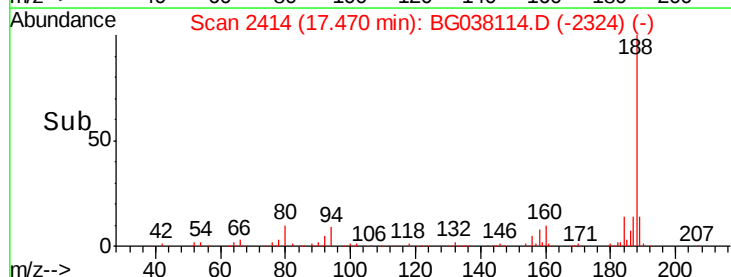
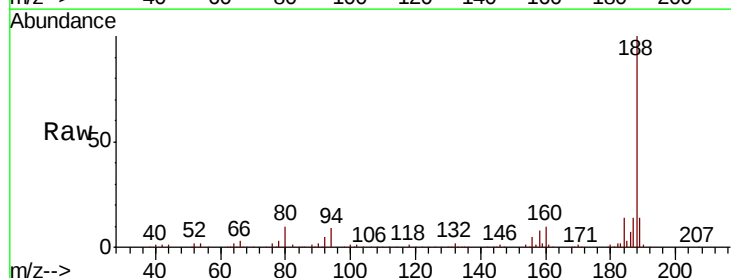
Instrument :
 BNA_G
 ClientSampleId :

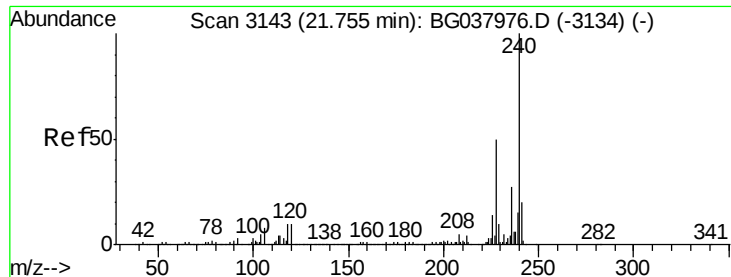
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2414
 Delta R.T. -0.00 min
 Lab File: BG038114.D
 Acq: 21 Nov 2018 11:48

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.2	10.8
80	9.8	7.7	11.5

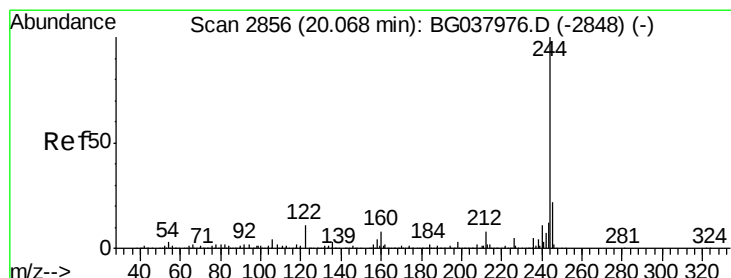
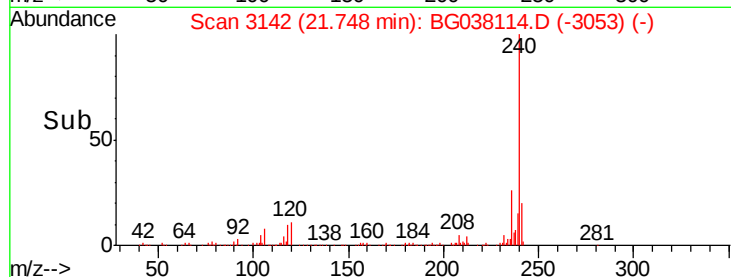
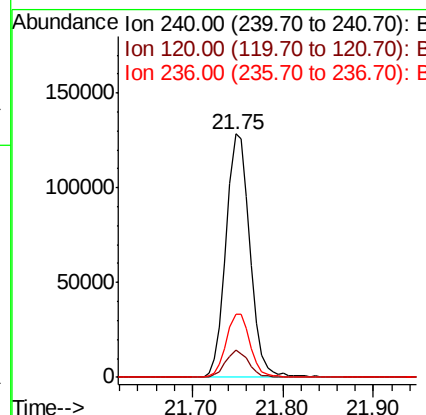
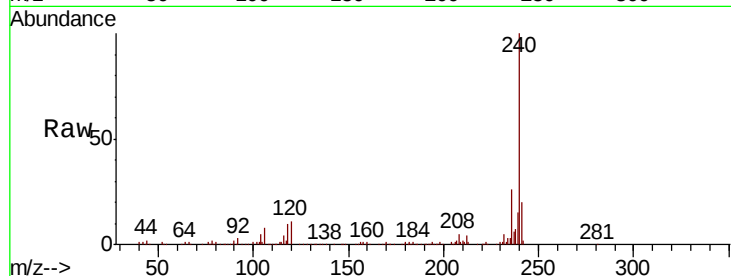




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.75 min Scan# 3142
 Delta R.T. -0.01 min
 Lab File: BG038114.D
 Acq: 21 Nov 2018 11:48

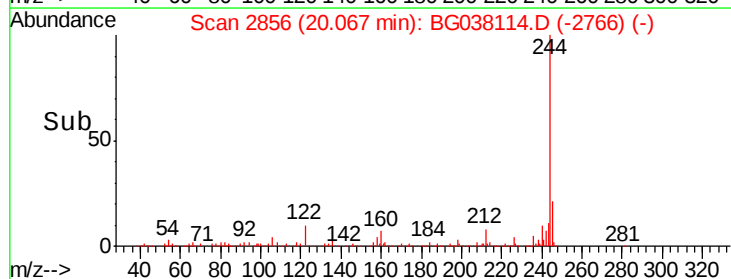
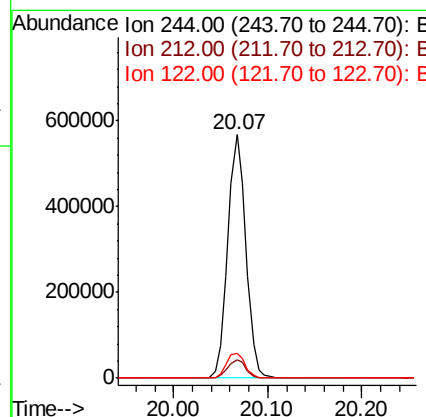
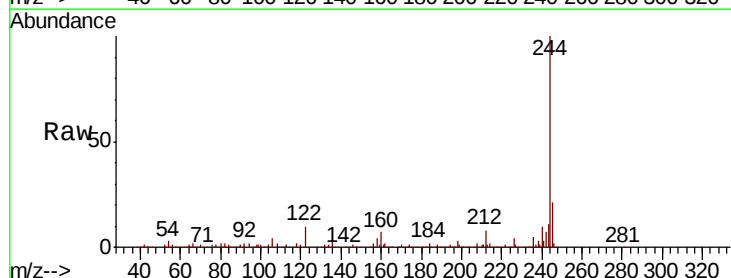
Instrument :
 BNA_G
 ClientSampleId :

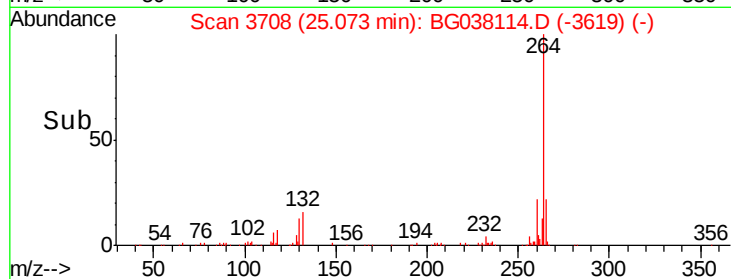
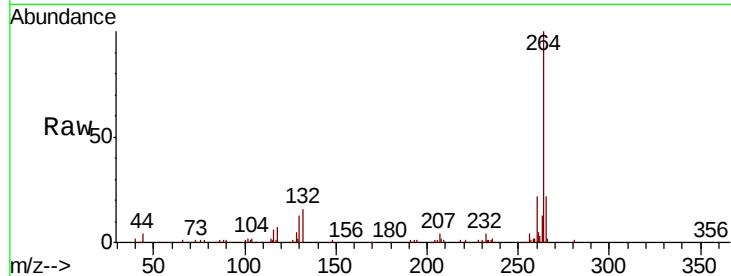
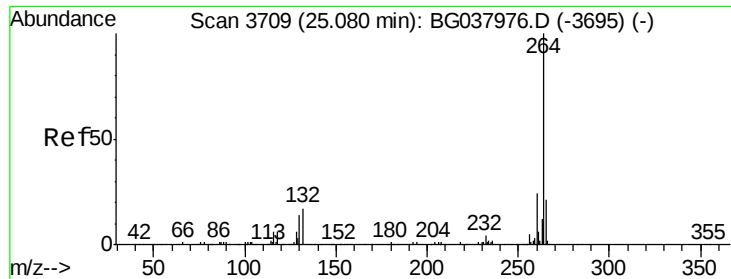
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.1	12.1
236	26.2	21.4	32.0



#79
 Terphenyl-d14
 Concen: 75.952 ng
 RT: 20.07 min Scan# 2856
 Delta R.T. -0.00 min
 Lab File: BG038114.D
 Acq: 21 Nov 2018 11:48

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.5	9.7
122	10.4	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: BG038114.D
Acq: 21 Nov 2018 11:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.0	18.2	27.4
265	21.7	17.9	26.9

