

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092317\
 Data File : BG028892.D
 Acq On : 23 Sep 2017 11:00
 Operator : SJ/JU
 Sample : I5321-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 25 00:56:21 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

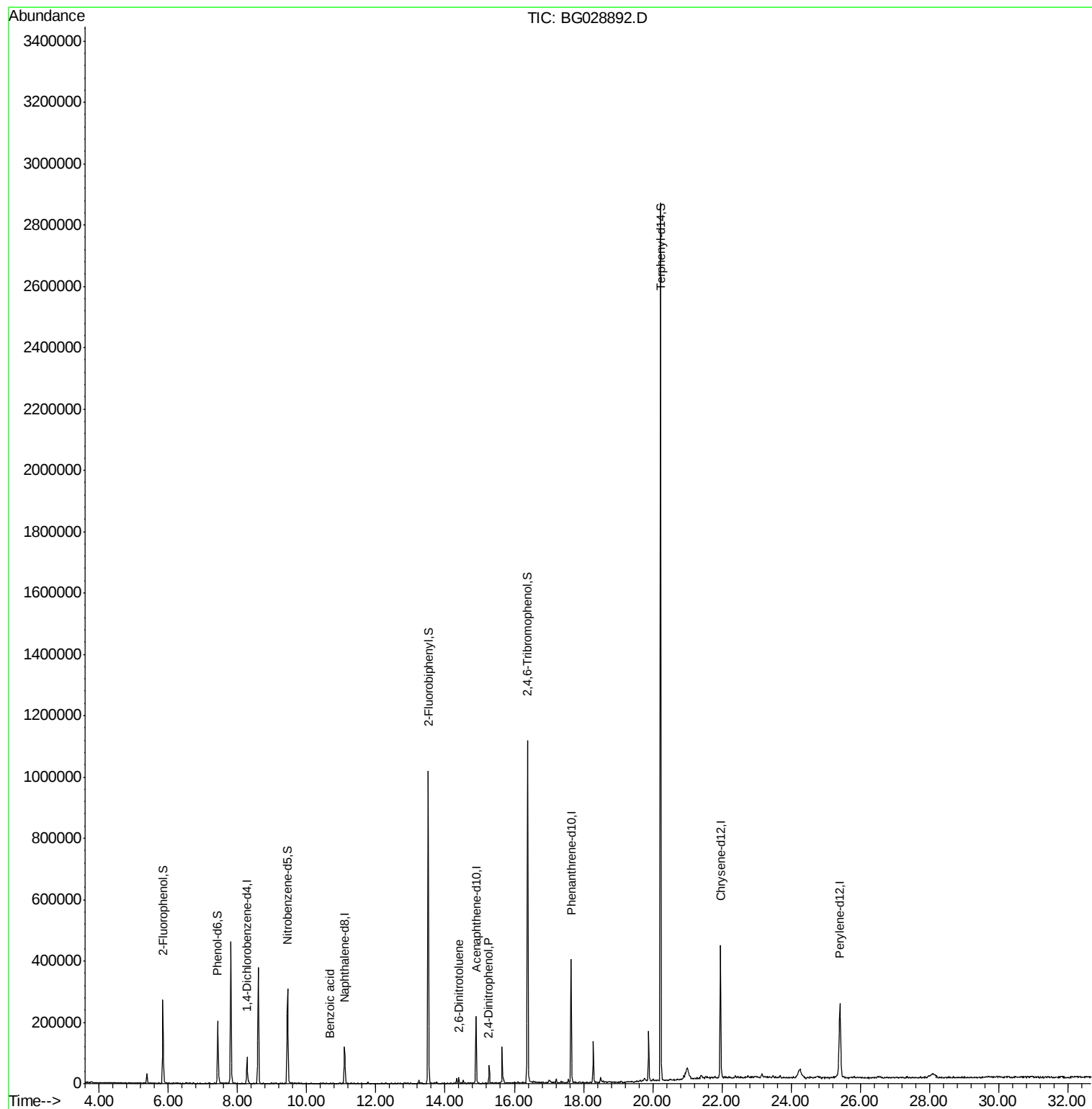
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	24933	20.00	ng	-0.05
21) Naphthalene-d8	11.09	136	102377	20.00	ng	-0.06
38) Acenaphthene-d10	14.89	164	79321	20.00	ng	-0.05
63) Phenanthrene-d10	17.64	188	259689	20.00	ng	-0.05
75) Chrysene-d12	21.96	240	297660	20.00	ng	-0.07
86) Perylene-d12	25.41	264	307673	20.00	ng	-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	121461	80.38	ng	-0.06
7) Phenol-d6	7.43	99	125827	55.31	ng	-0.06
23) Nitrobenzene-d5	9.45	82	204986	95.78	ng	-0.06
41) 2,4,6-Tribromophenol	16.39	330	246465	187.87	ng	-0.05
44) 2-Fluorobiphenyl	13.51	172	562929	94.63	ng	-0.05
78) Terphenyl-d14	20.23	244	1348170	96.59	ng	-0.05
Target Compounds						Qvalue
32) Benzoic acid	10.67	122	66	6.13	ng	# 1
50) 2,6-Dinitrotoluene	14.40	165	3027	2.05	ng	# 11
53) 2,4-Dinitrophenol	15.24	184	57	8.07	ng	# 15

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

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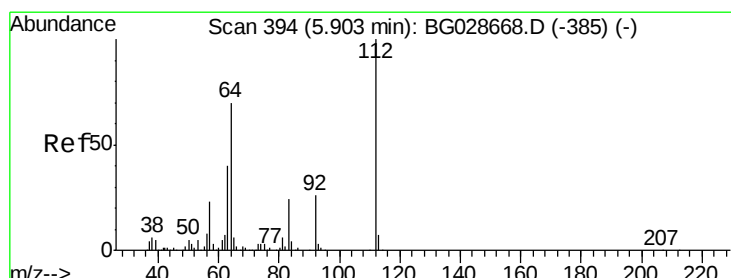
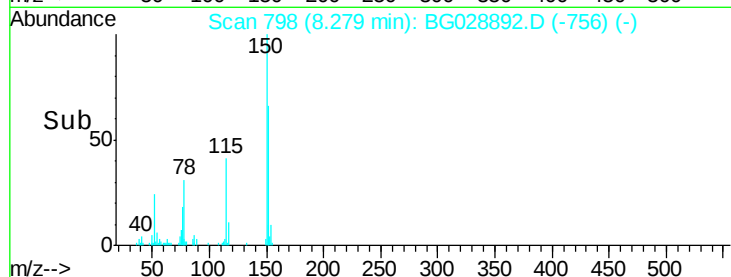
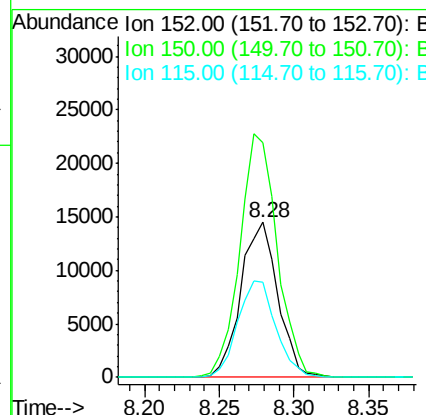
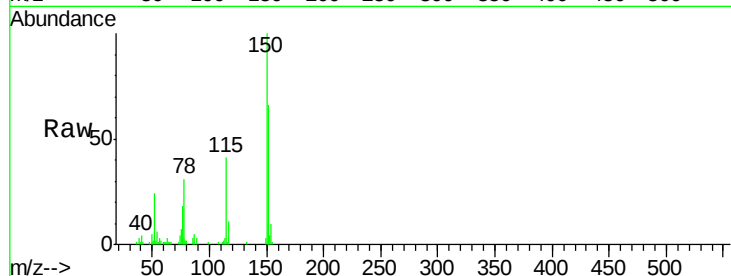


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.28 min Scan# 798
Delta R.T. -0.05 min
Lab File: BG028892.D
Acq: 23 Sep 2017 11:00

Instrument :
BNA_G
ClientSampled :

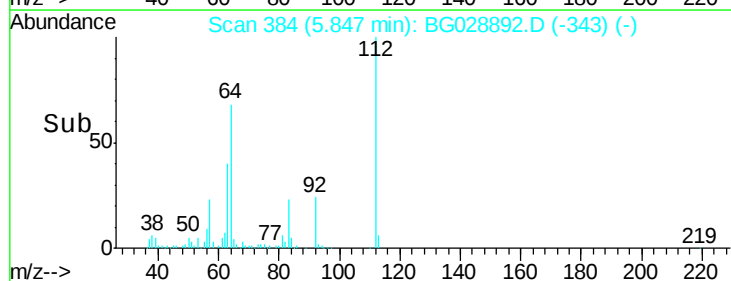
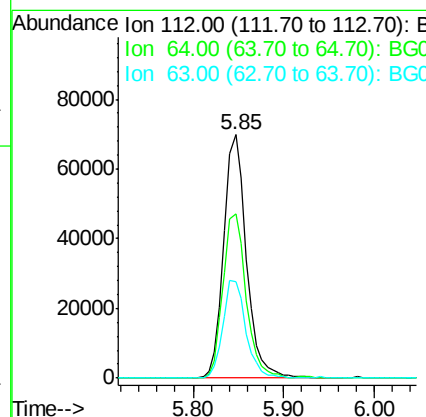
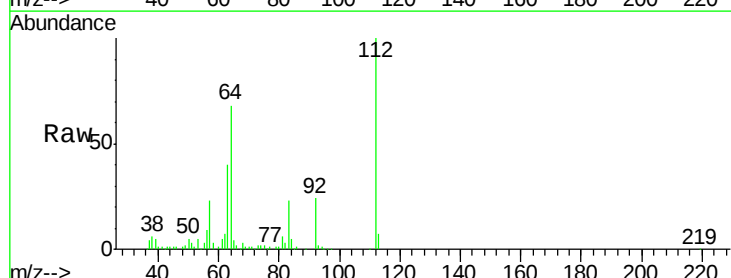
Tot Ion:152 Resp: 24933
Ion Ratio Lower Upper
152 100
150 151.7 114.0 171.0
115 61.8 48.1 72.1

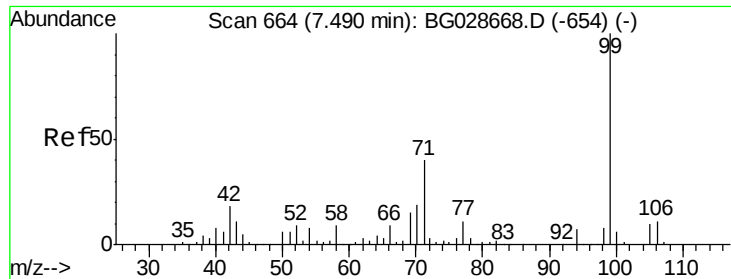


#5

2-Fluorophenol
Concen: 80.38 ng
RT: 5.85 min Scan# 384
Delta R.T. -0.06 min
Lab File: BG028892.D
Acq: 23 Sep 2017 11:00

Tgt Ion:112 Resp: 121461
Ion Ratio Lower Upper
112 100
64 67.6 61.8 92.6
63 39.5 37.2 55.8





#7

Phenol-d6

Concen: 55.31 ng

RT: 7.43 min Scan# 654

Delta R.T. -0.06 min

Lab File: BG028892.D

Acq: 23 Sep 2017 11:00

Instrument :

BNA_G

ClientSampleId :

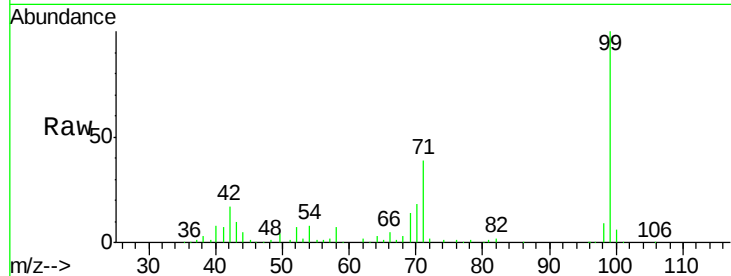
Tot Ion: 99 Resp: 125827

Ion Ratio Lower Upper

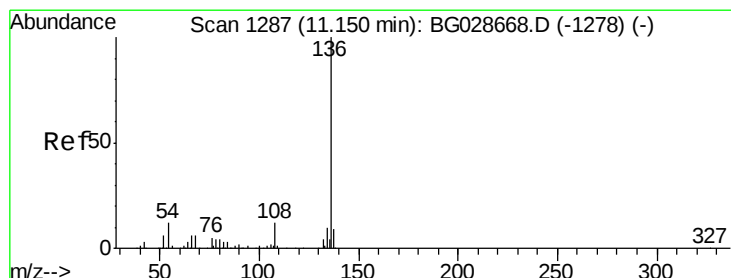
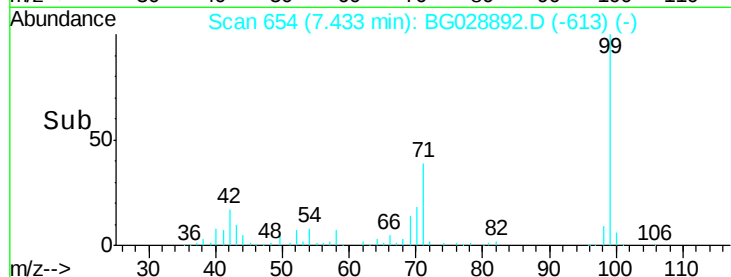
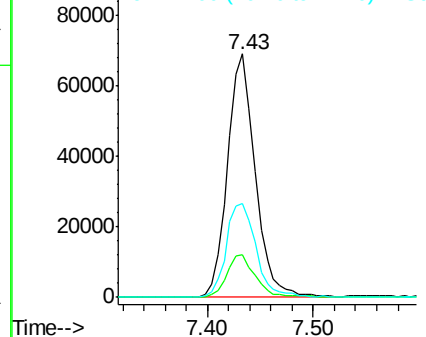
99 100

42 17.5 20.5 30.7#

71 38.8 37.6 56.4



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.09 min Scan# 1277

Delta R.T. -0.06 min

Lab File: BG028892.D

Acq: 23 Sep 2017 11:00

Tgt Ion: 136 Resp: 102377

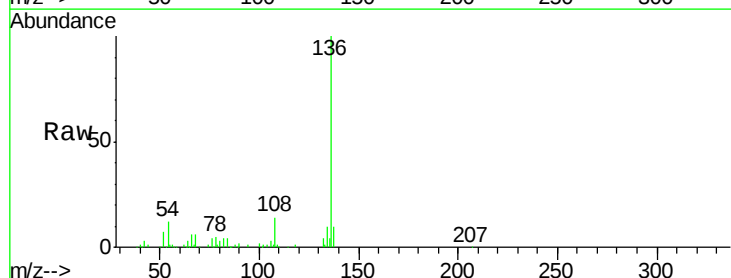
Ion Ratio Lower Upper

136 100

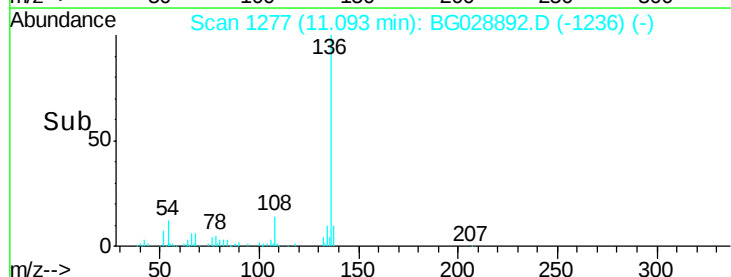
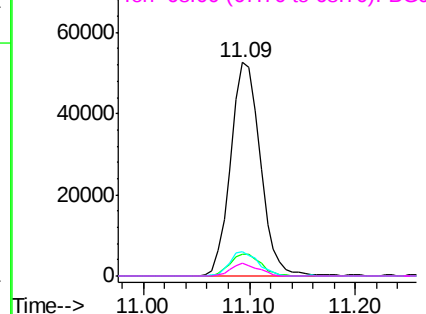
137 10.5 8.9 13.3

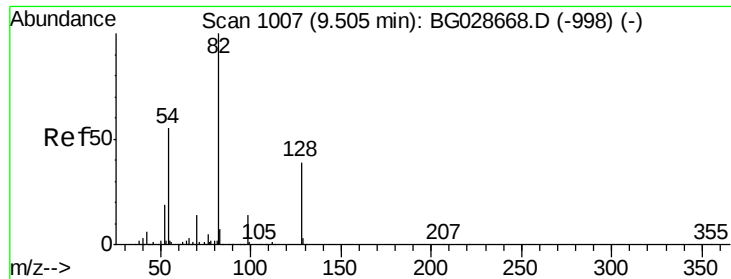
54 11.7 9.3 13.9

68 6.0 5.1 7.7



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

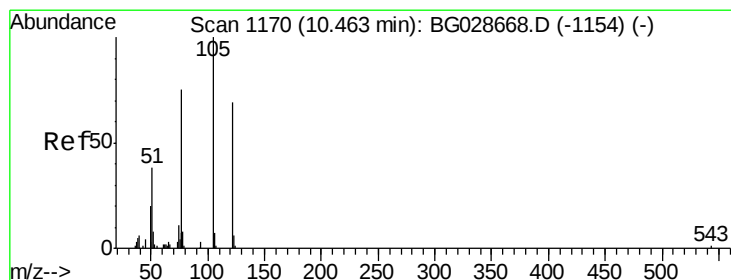
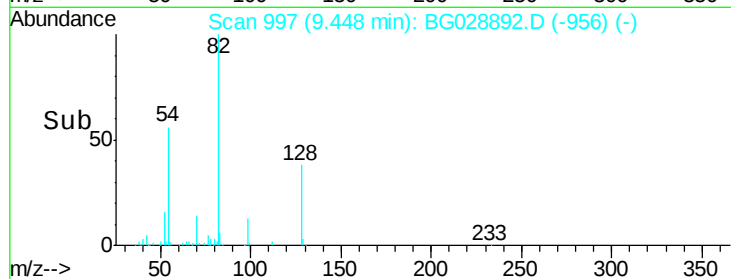
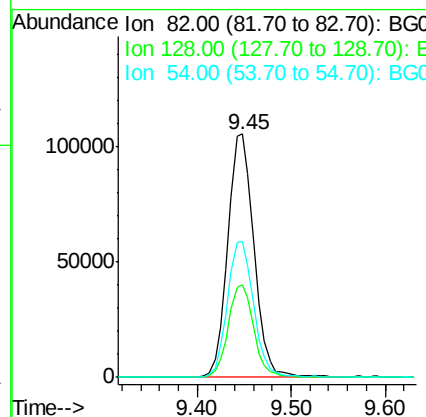
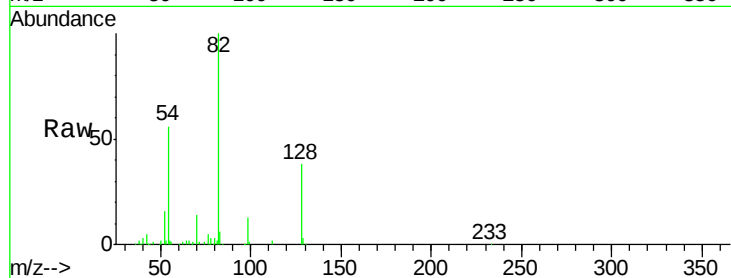




#23
 Nitrobenzene-d5
 Concen: 95.78 ng
 RT: 9.45 min Scan# 997
 Delta R.T. -0.06 min
 Lab File: BG028892.D
 Acq: 23 Sep 2017 11:00

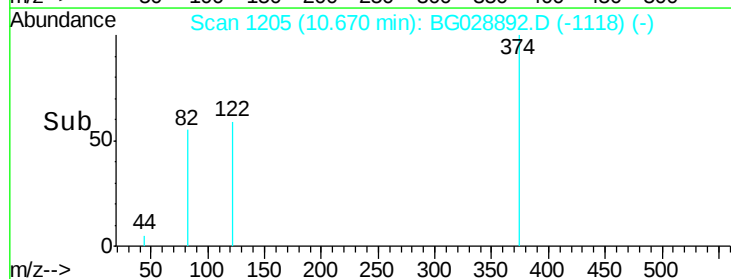
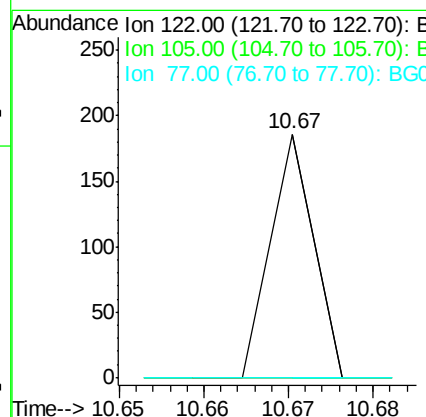
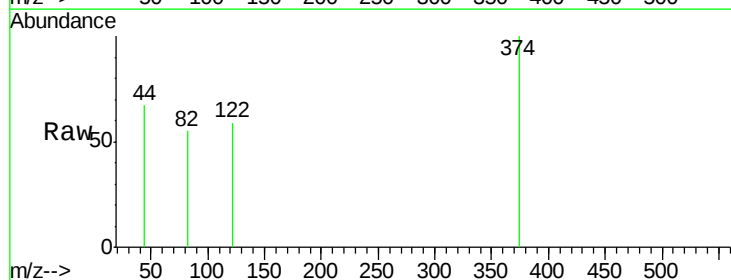
Instrument :
 BNA_G
 ClientSampleId :

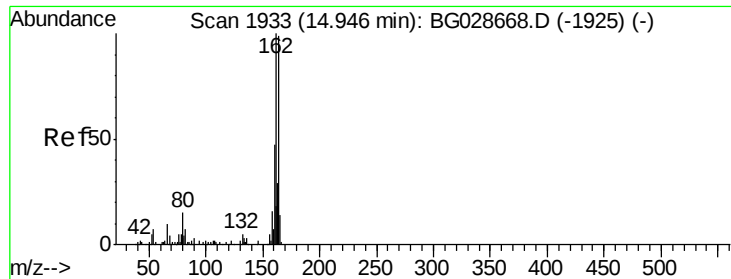
Tot Ion	82	Resp	204986
Ion	Ratio	Lower	Upper
82	100		
128	38.1	26.4	39.6
54	56.1	49.4	74.2



#32
 Benzoic acid
 Concen: 6.13 ng
 RT: 10.67 min Scan# 1205
 Delta R.T. 0.21 min
 Lab File: BG028892.D
 Acq: 23 Sep 2017 11:00

Tgt Ion	122	Resp	66
Ion	Ratio	Lower	Upper
122	100		
105	0.0	120.1	160.1#
77	0.0	104.6	144.6#

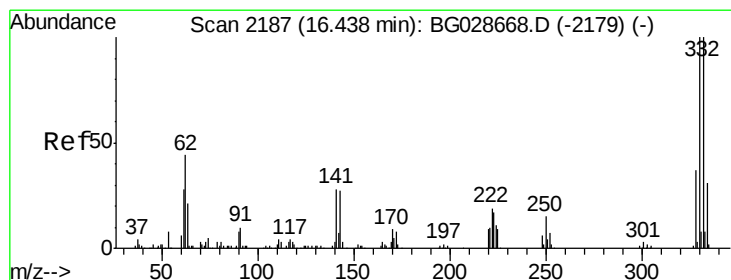
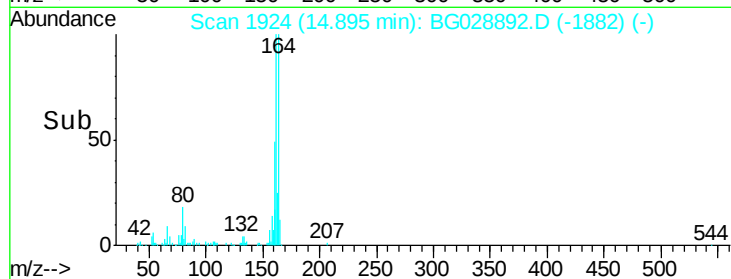
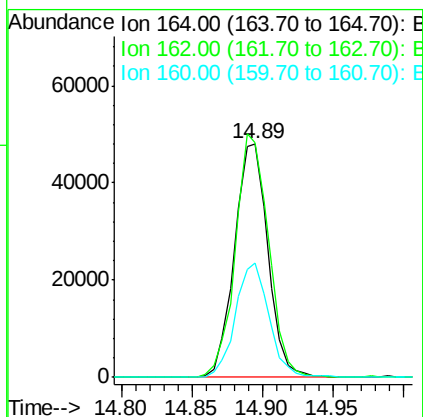
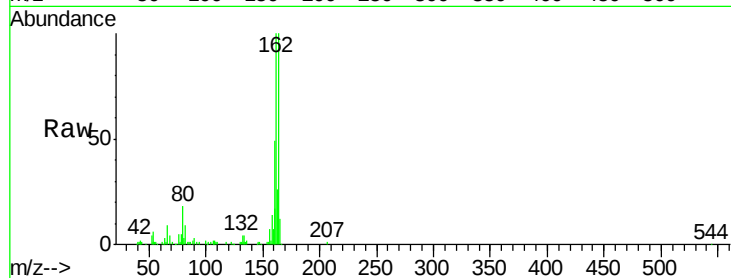




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.89 min Scan# 1924
Delta R.T. -0.05 min
Lab File: BG028892.D
Acq: 23 Sep 2017 11:00

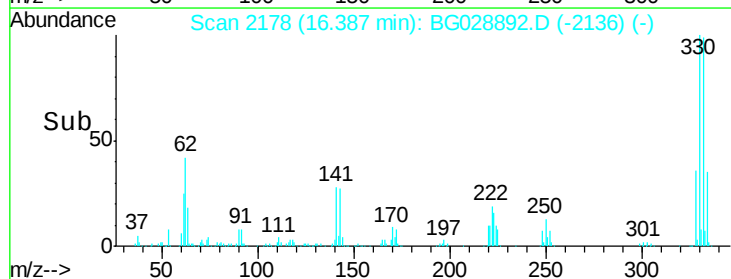
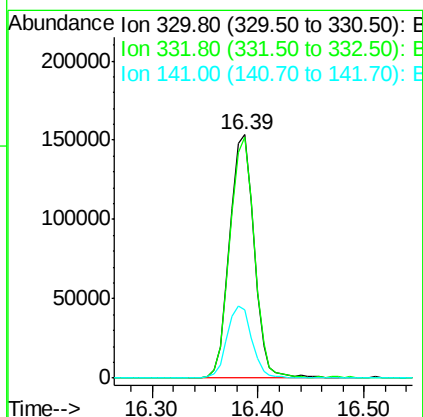
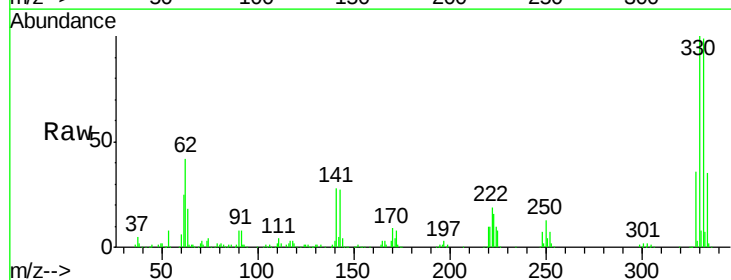
Instrument :
BNA_G
ClientSampleId :

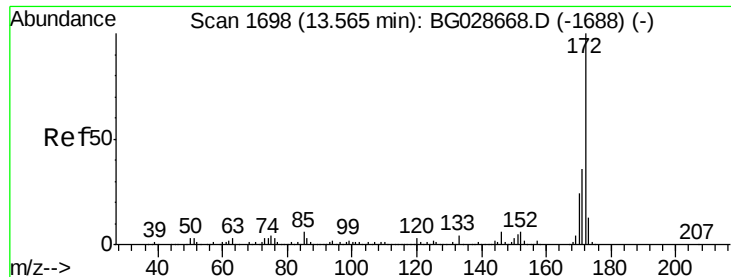
Tot Ion:164 Resp: 79321
Ion Ratio Lower Upper
164 100
162 100.3 85.1 127.7
160 48.9 34.7 52.1



#41
2,4,6-Tribromophenol
Concen: 187.87 ng
RT: 16.39 min Scan# 2178
Delta R.T. -0.05 min
Lab File: BG028892.D
Acq: 23 Sep 2017 11:00

Tgt Ion:330 Resp: 246465
Ion Ratio Lower Upper
330 100
332 98.2 77.3 115.9
141 29.9 32.1 48.1#

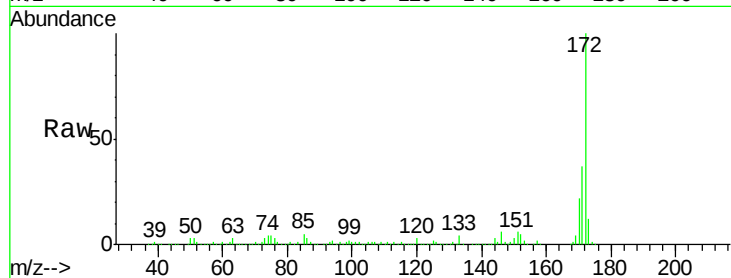




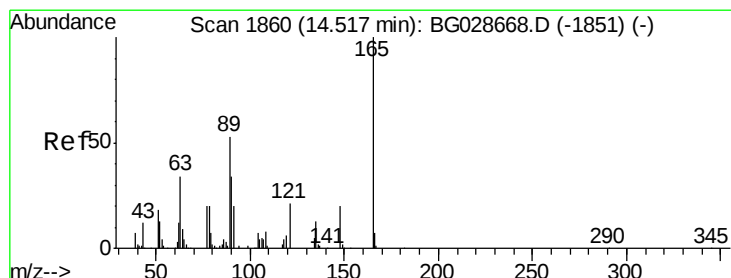
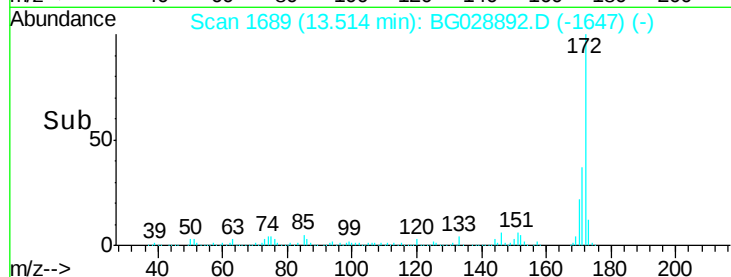
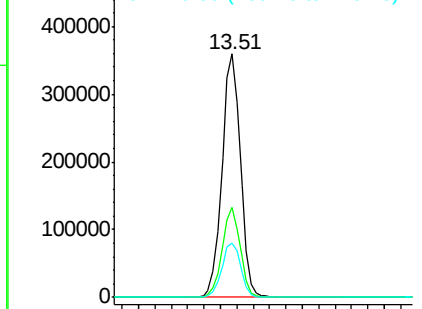
#44
 2-Fluorobiphenyl
 Concen: 94.63 ng
 RT: 13.51 min Scan# 1689
 Delta R.T. -0.05 min
 Lab File: BG028892.D
 Acq: 23 Sep 2017 11:00

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	32.2	48.2
170	22.3	21.8	32.6

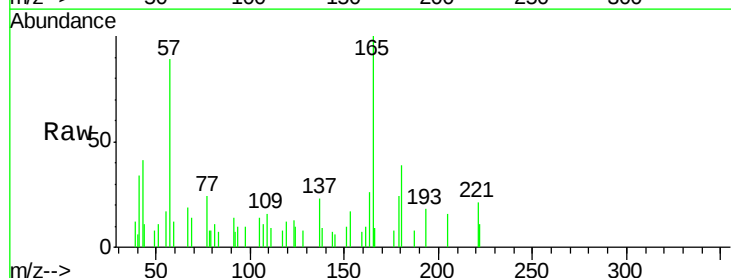


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

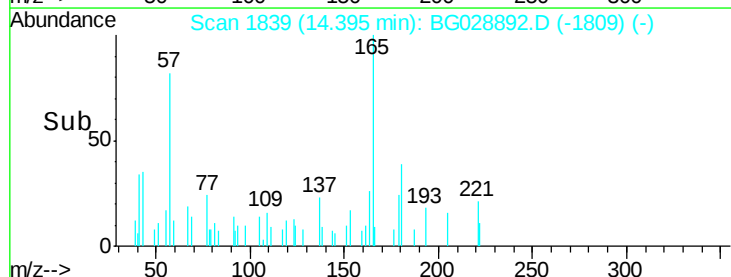
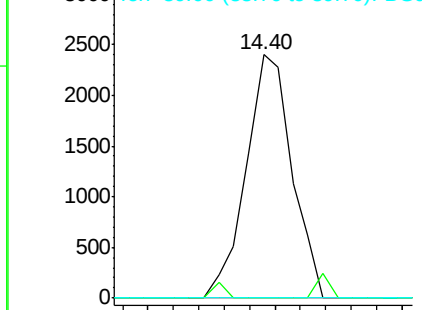


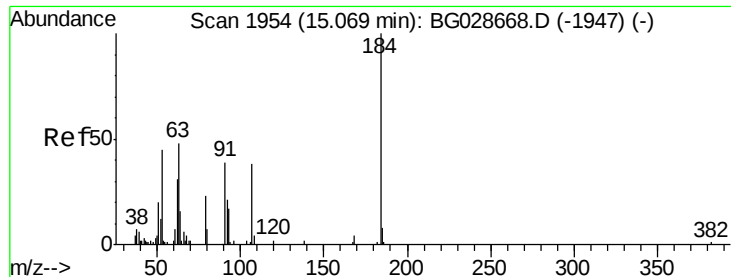
#50
 2,6-Dinitrotoluene
 Concen: 2.05 ng
 RT: 14.40 min Scan# 1839
 Delta R.T. -0.12 min
 Lab File: BG028892.D
 Acq: 23 Sep 2017 11:00

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	63.9	95.9#
89	0.0	58.6	88.0#



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

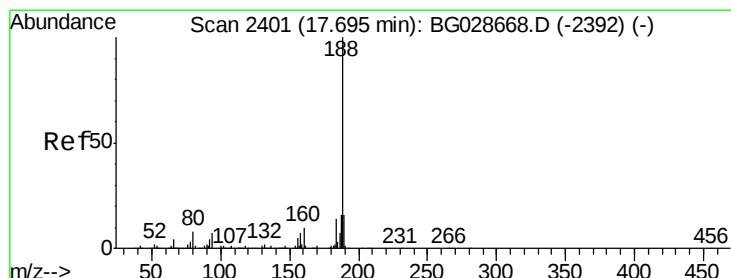
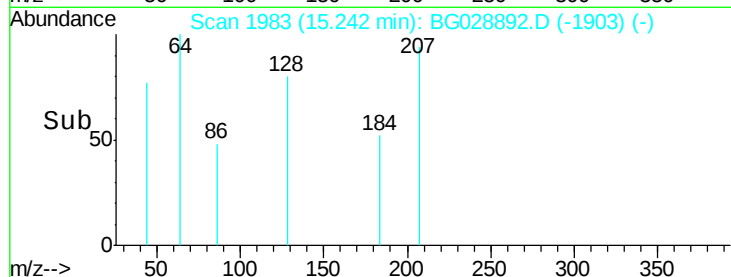
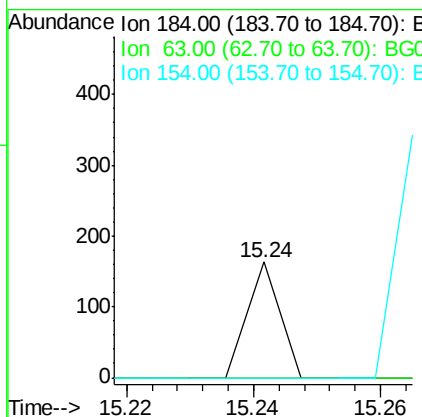
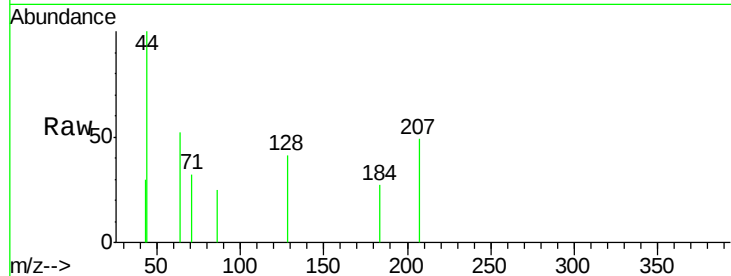




#53
 2,4-Dinitrophenol
 Concen: 8.07 ng
 RT: 15.24 min Scan# 1983
 Delta R.T. 0.17 min
 Lab File: BG028892.D
 Acq: 23 Sep 2017 11:00

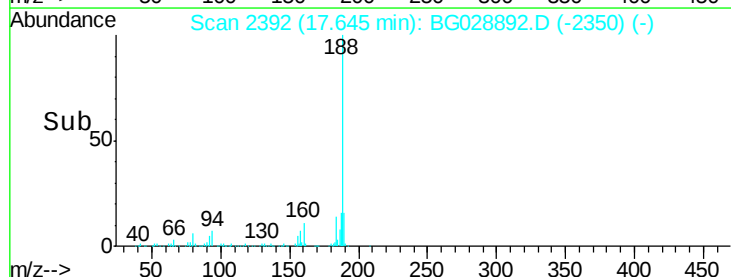
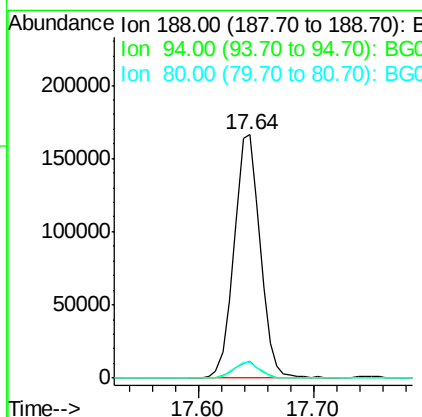
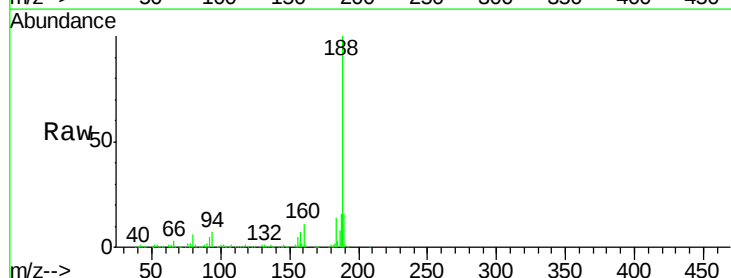
Instrument :
 BNA_G
 ClientSampleId :

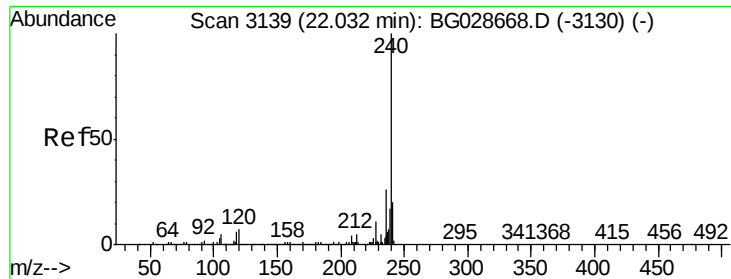
Tot Ion:184 Resp: 57
 Ion Ratio Lower Upper
 184 100
 63 0.0 52.7 79.1#
 154 0.0 57.3 85.9#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.64 min Scan# 2392
 Delta R.T. -0.05 min
 Lab File: BG028892.D
 Acq: 23 Sep 2017 11:00

Tgt Ion:188 Resp: 259689
 Ion Ratio Lower Upper
 188 100
 94 6.8 5.8 8.8
 80 6.4 7.5 11.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.96 min Scan# 3126

Delta R.T. -0.07 min

Lab File: BG028892.D

Acq: 23 Sep 2017 11:00

Instrument :

BNA_G

ClientSampleId :

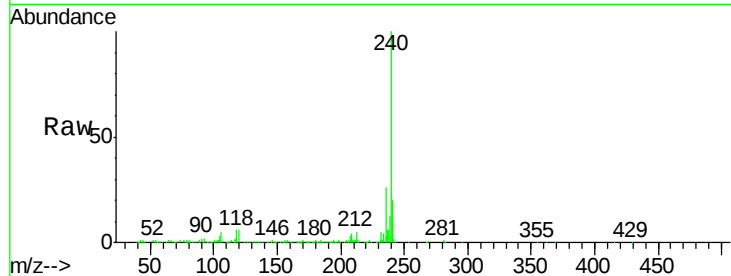
Tot Ion:240 Resp: 297660

Ion Ratio Lower Upper

240 100

120 5.7 5.7 8.5

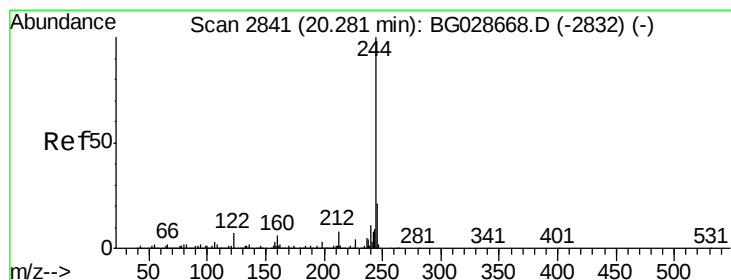
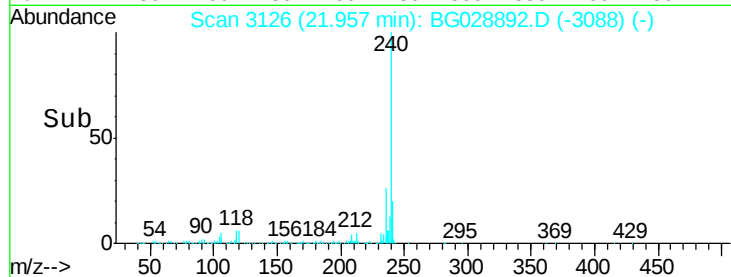
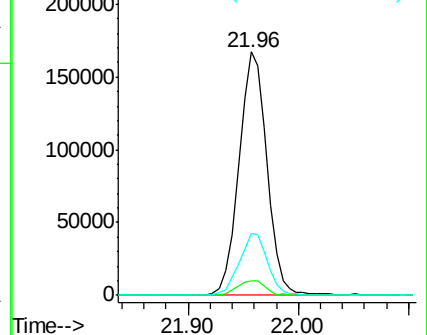
236 25.6 22.2 33.4



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: 96.59 ng

RT: 20.23 min Scan# 2832

Delta R.T. -0.05 min

Lab File: BG028892.D

Acq: 23 Sep 2017 11:00

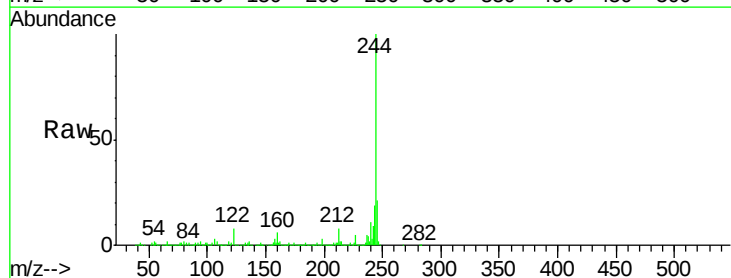
Tgt Ion:244 Resp: 1348170

Ion Ratio Lower Upper

244 100

212 7.6 10.0 15.0#

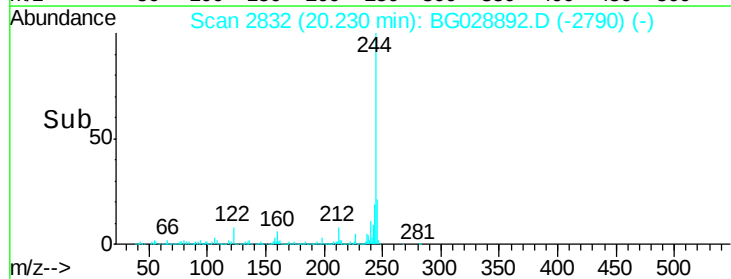
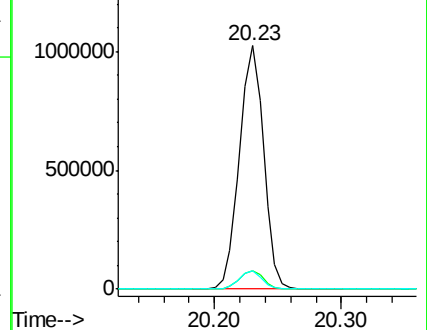
122 7.5 8.6 12.8#

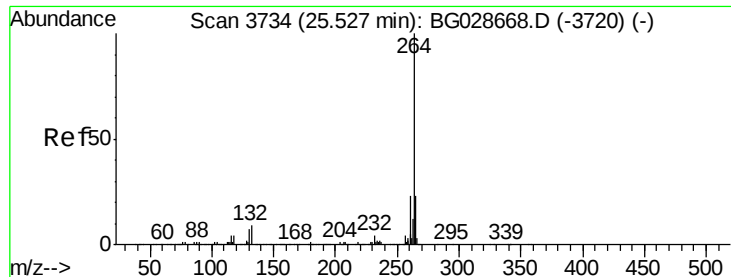


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.41 min Scan# 3714
Delta R.T. -0.12 min
Lab File: BG028892.D
Acq: 23 Sep 2017 11:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	21.8	32.8
265	22.6	18.2	27.4

