

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092217\
 Data File : BG028888.D
 Acq On : 22 Sep 2017 23:58
 Operator : SJ/JU
 Sample : I5301-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 23 00:52:14 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

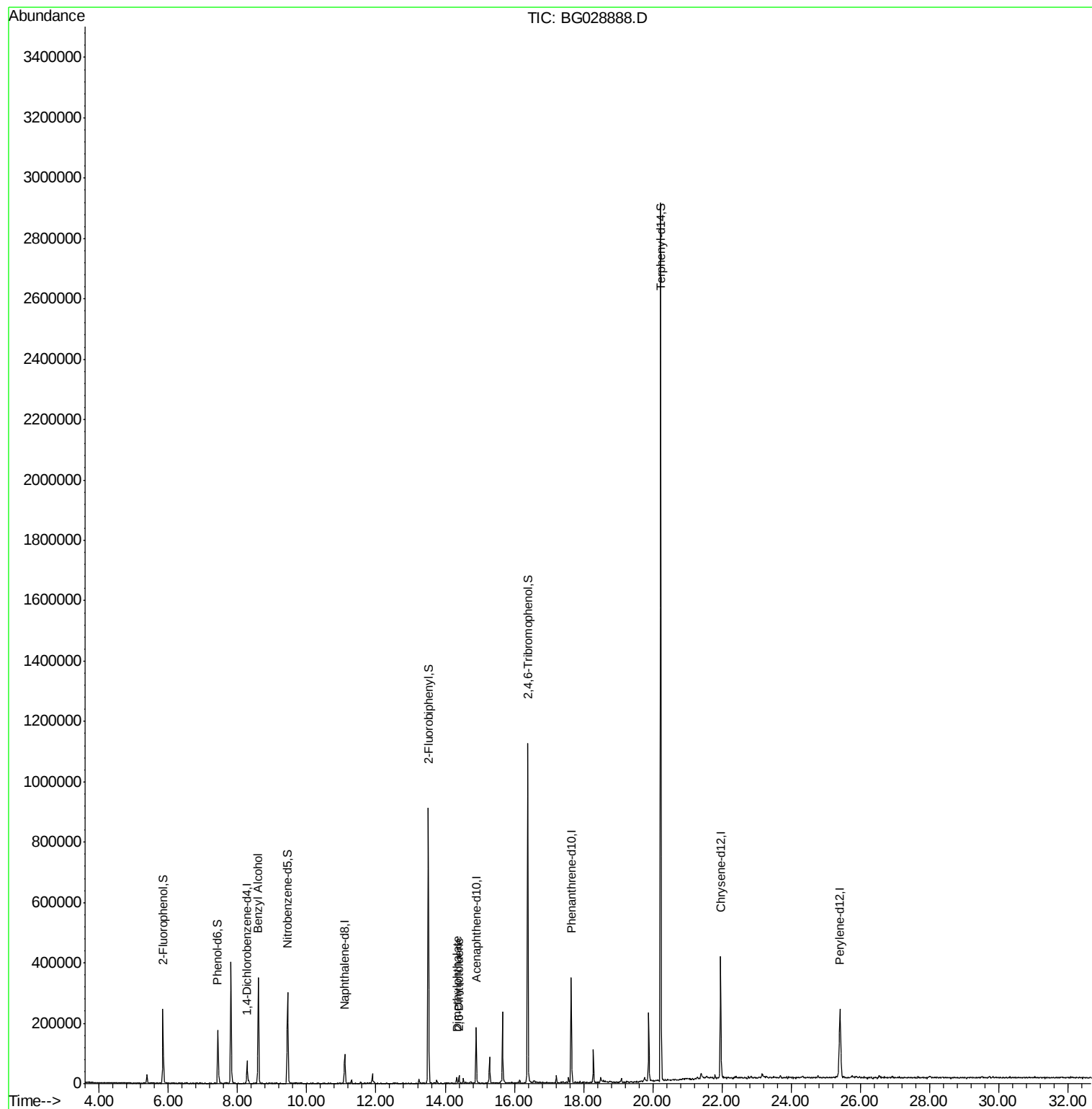
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	22556	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	90359	20.00	ng	-0.05
38) Acenaphthene-d10	14.90	164	69663	20.00	ng	-0.05
63) Phenanthrene-d10	17.64	188	226818	20.00	ng	-0.05
75) Chrysene-d12	21.96	240	271893	20.00	ng	-0.07
86) Perylene-d12	25.41	264	284761	20.00	ng	-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	5.84	112	107029	78.30	ng	-0.06
7) Phenol-d6	7.43	99	109035	52.98	ng	-0.06
23) Nitrobenzene-d5	9.45	82	198192	104.93	ng	-0.06
41) 2,4,6-Tribromophenol	16.39	330	241474	209.58	ng	-0.05
44) 2-Fluorobiphenyl	13.51	172	520572	99.64	ng	-0.05
78) Terphenyl-d14	20.23	244	1364671	107.04	ng	-0.05
Target Compounds						
15) Benzyl Alcohol	8.60	79	3858	2.40	ng	# 74
49) Dimethylphthalate	14.33	163	16068	2.75	ng	# 99
50) 2,6-Dinitrotoluene	14.40	165	5377	4.14	ng	# 11

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

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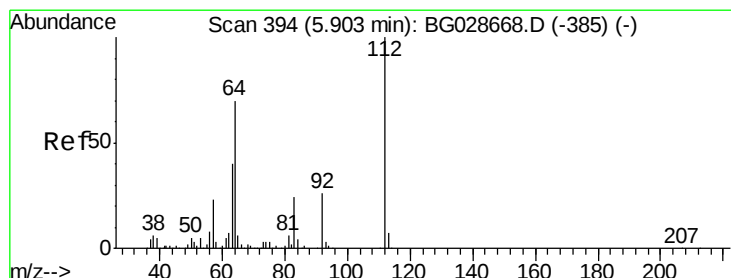
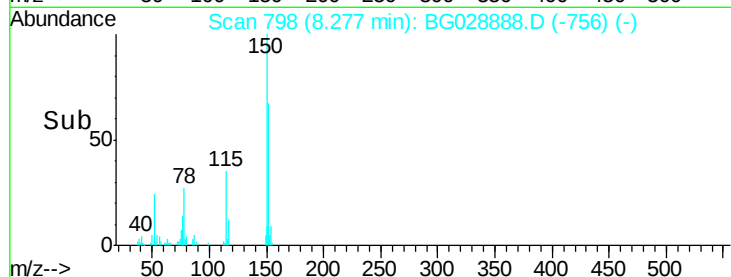
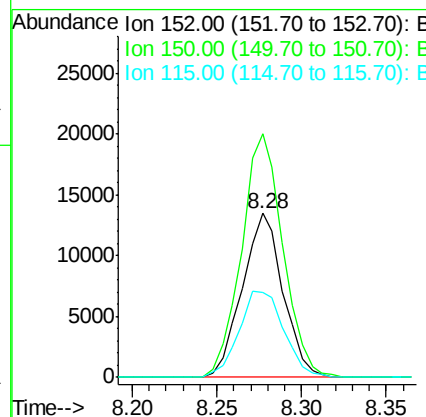
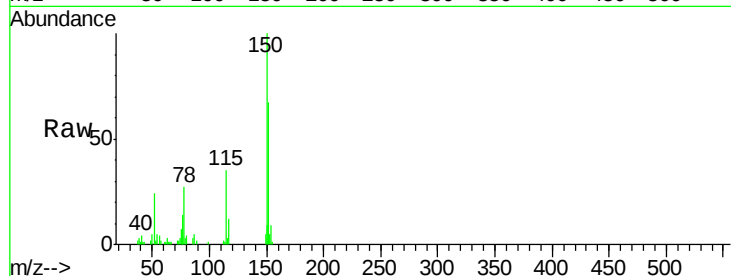


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.28 min Scan# 798
Delta R.T. -0.05 min
Lab File: BG028888.D
Acq: 22 Sep 2017 23:58

Instrument :
BNA_G
ClientSampleId :

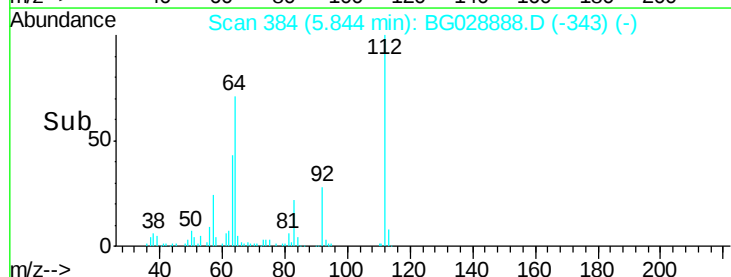
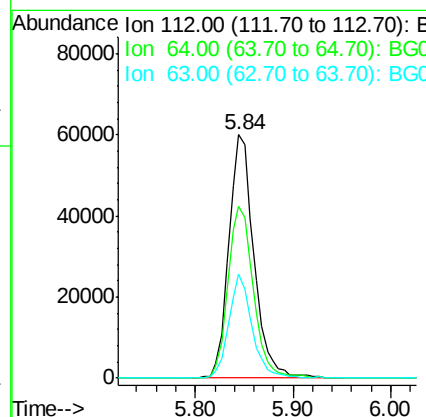
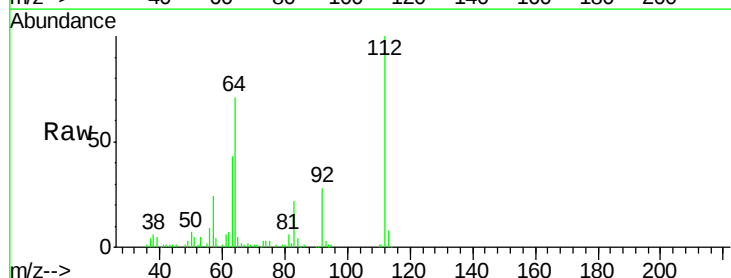
Tot Ion	Ratio	Lower	Upper
152	100		
150	148.5	114.0	171.0
115	52.1	48.1	72.1

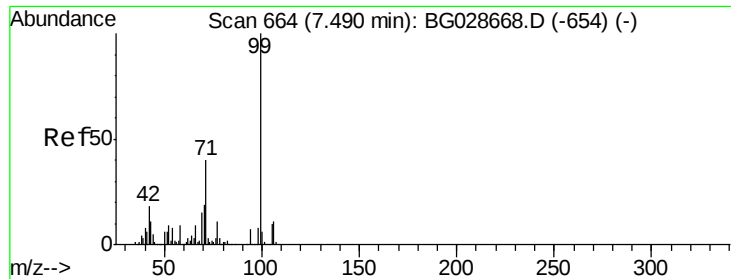


#5

2-Fluorophenol
Concen: 78.30 ng
RT: 5.84 min Scan# 384
Delta R.T. -0.06 min
Lab File: BG028888.D
Acq: 22 Sep 2017 23:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.7	61.8	92.6
63	42.6	37.2	55.8





#7

Phenol-d6

Concen: 52.98 ng

RT: 7.43 min Scan# 654

Delta R.T. -0.06 min

Lab File: BG028888.D

Acq: 22 Sep 2017 23:58

Instrument :

BNA_G

ClientSampleId :

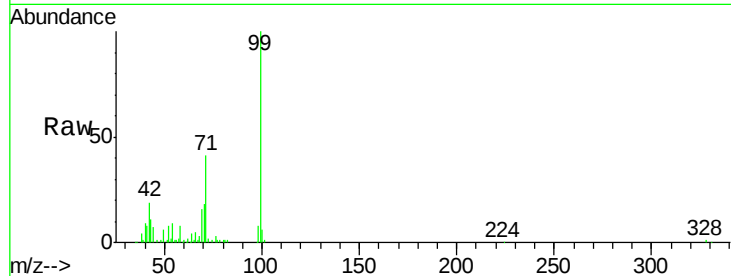
Tot Ion: 99 Resp: 109035

Ion Ratio Lower Upper

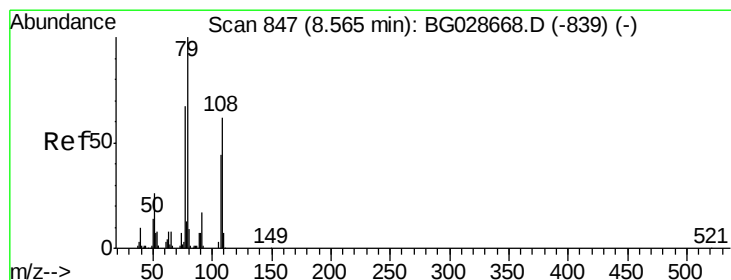
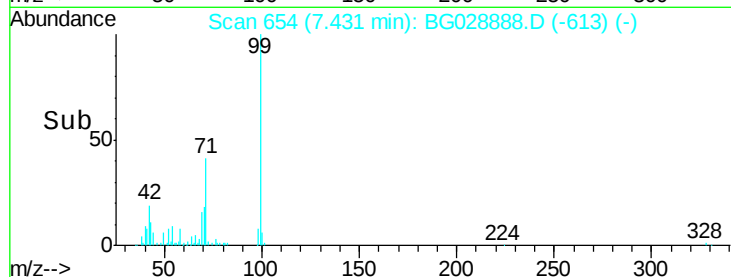
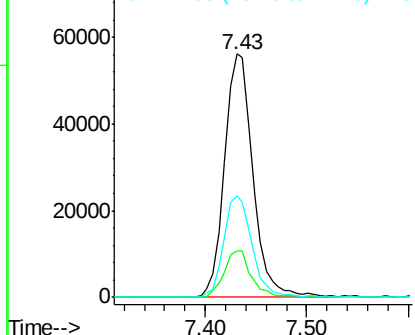
99 100

42 19.2 20.5 30.7#

71 41.4 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



#15

Benzyl Alcohol

Concen: 2.40 ng

RT: 8.60 min Scan# 853

Delta R.T. 0.04 min

Lab File: BG028888.D

Acq: 22 Sep 2017 23:58

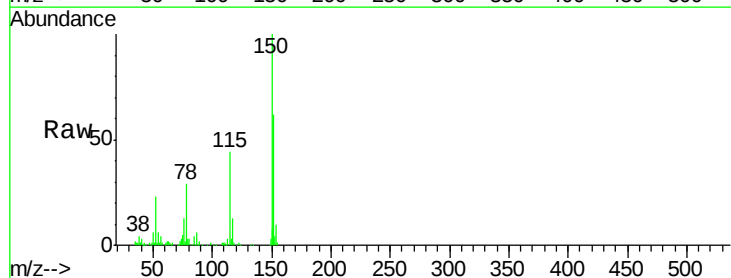
Tgt Ion: 79 Resp: 3858

Ion Ratio Lower Upper

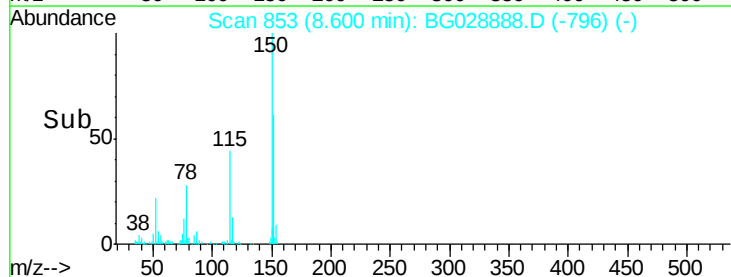
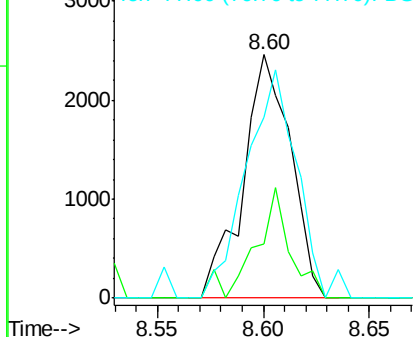
79 100

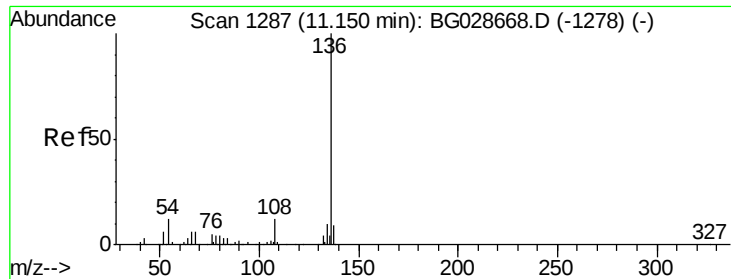
108 22.0 45.5 68.3#

77 74.2 54.3 81.5



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

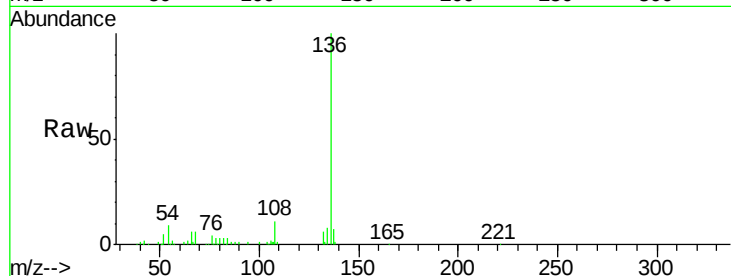




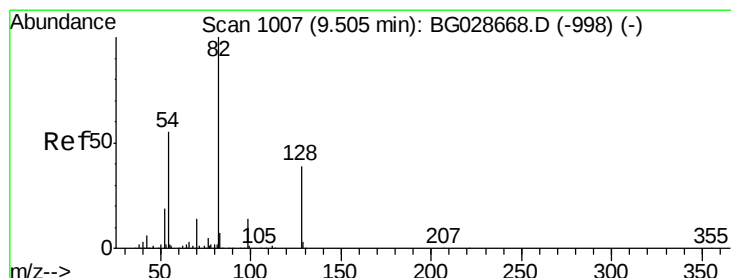
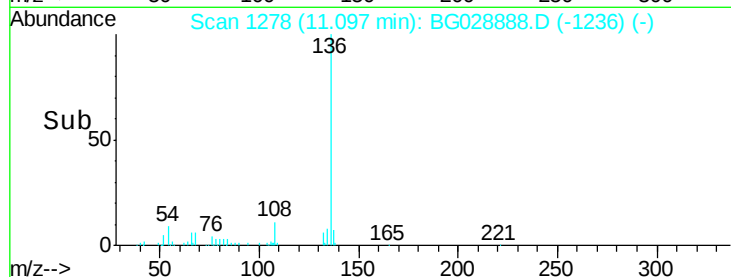
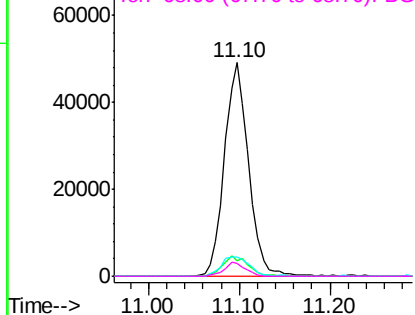
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.10 min Scan# 1278
Delta R.T. -0.05 min
Lab File: BG028888.D
Acq: 22 Sep 2017 23:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	90359
Ion Ratio	Lower	Upper
136	100	
137	7.4	8.9 13.3#
54	8.8	9.3 13.9#
68	5.9	5.1 7.7

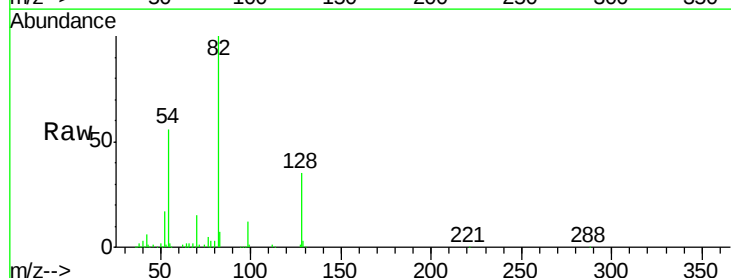


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

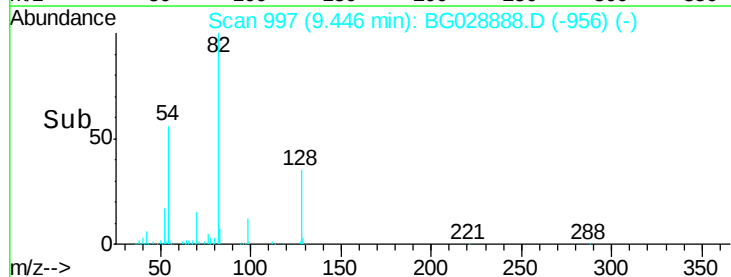
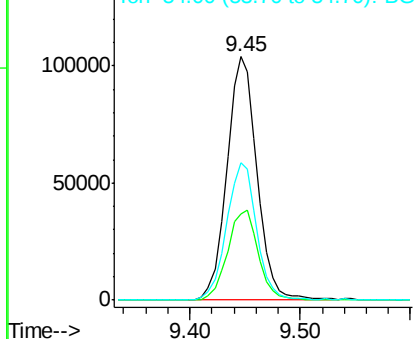


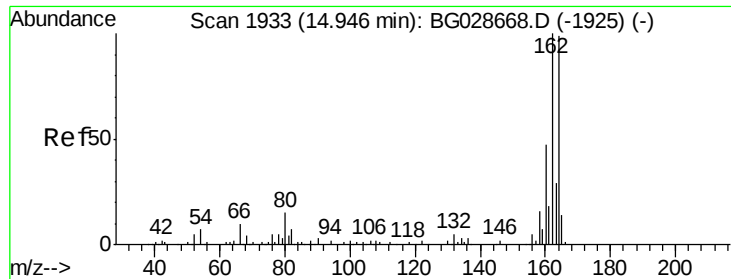
#23
Nitrobenzene-d5
Concen: 104.93 ng
RT: 9.45 min Scan# 997
Delta R.T. -0.06 min
Lab File: BG028888.D
Acq: 22 Sep 2017 23:58

Tgt Ion: 82	Resp:	198192
Ion Ratio	Lower	Upper
82	100	
128	35.2	26.4 39.6
54	56.4	49.4 74.2



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

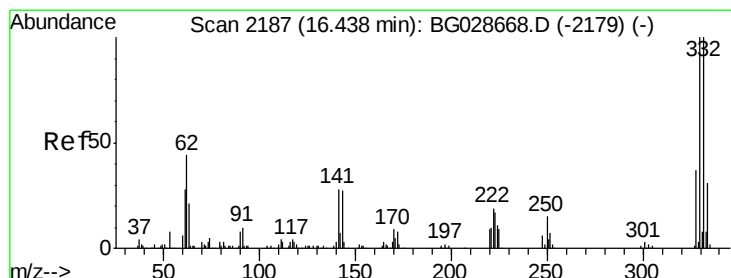
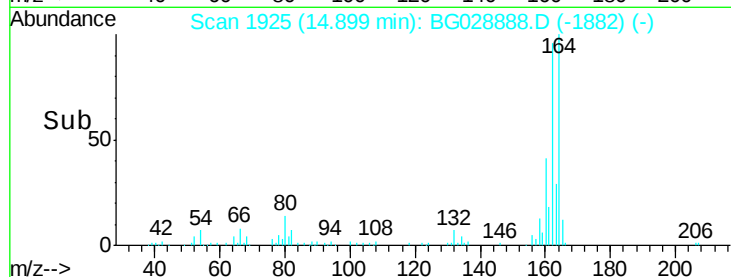
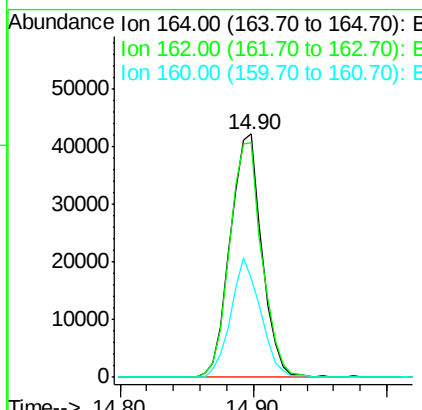
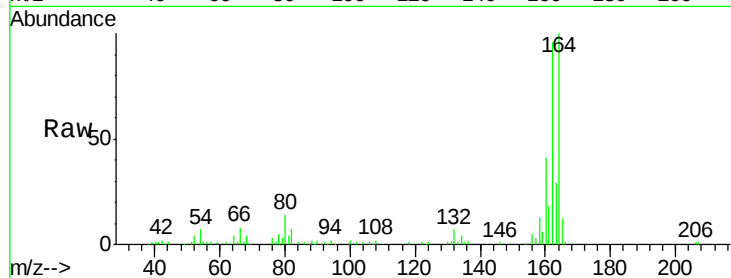




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.90 min Scan# 1925
Delta R.T. -0.05 min
Lab File: BG028888.D
Acq: 22 Sep 2017 23:58

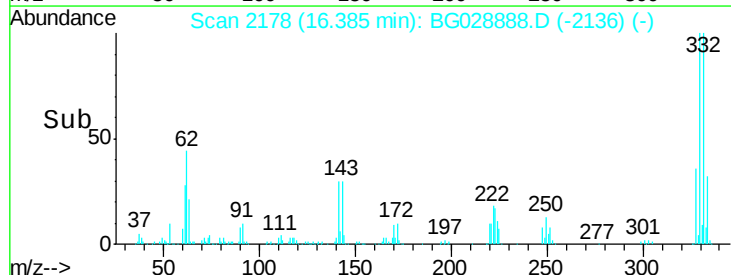
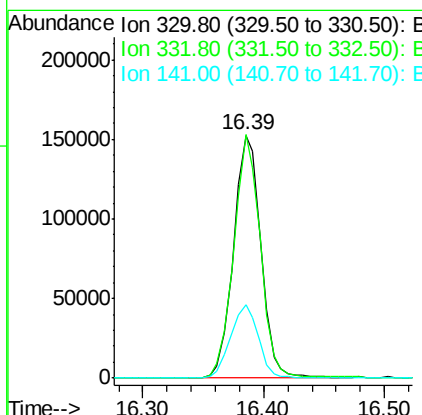
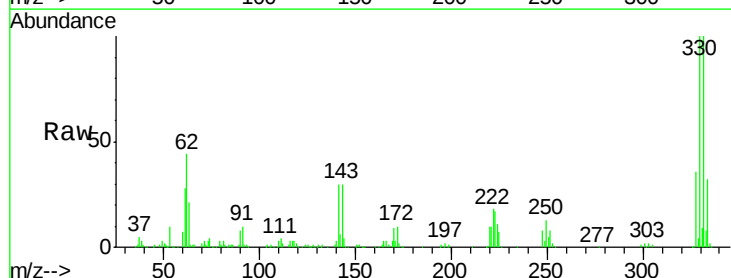
Instrument :
BNA_G
ClientSampleId :

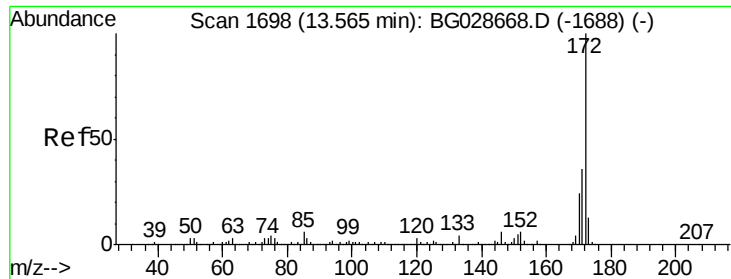
Tot Ion:164 Resp: 69663
Ion Ratio Lower Upper
164 100
162 96.4 85.1 127.7
160 40.7 34.7 52.1



#41
2,4,6-Tribromophenol
Concen: 209.58 ng
RT: 16.39 min Scan# 2178
Delta R.T. -0.05 min
Lab File: BG028888.D
Acq: 22 Sep 2017 23:58

Tgt Ion:330 Resp: 241474
Ion Ratio Lower Upper
330 100
332 97.2 77.3 115.9
141 30.7 32.1 48.1#

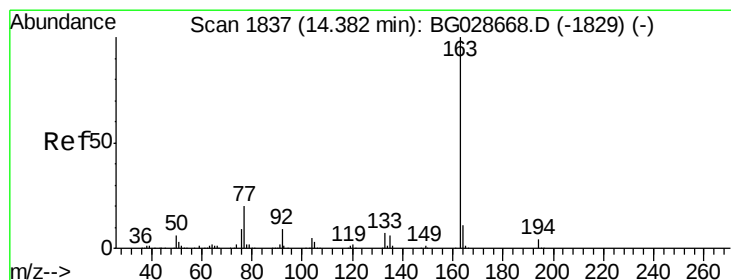
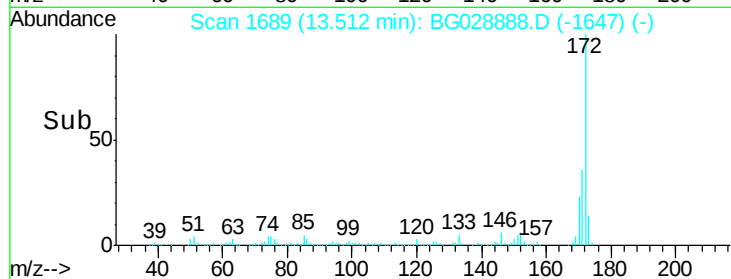
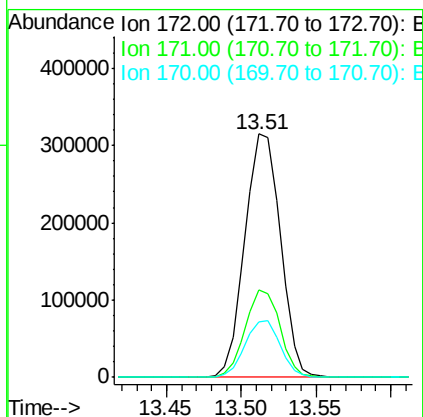
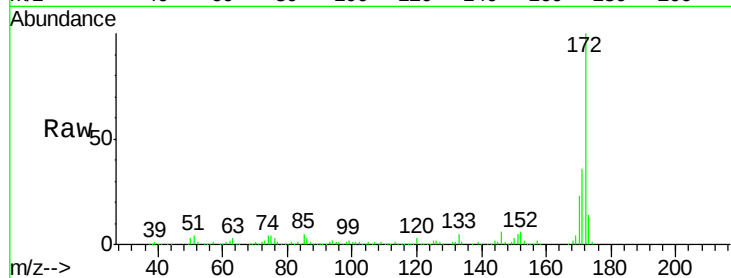




#44
2-Fluorobiphenyl
Concen: 99.64 ng
RT: 13.51 min Scan# 1689
Delta R.T. -0.05 min
Lab File: BG028888.D
Acq: 22 Sep 2017 23:58

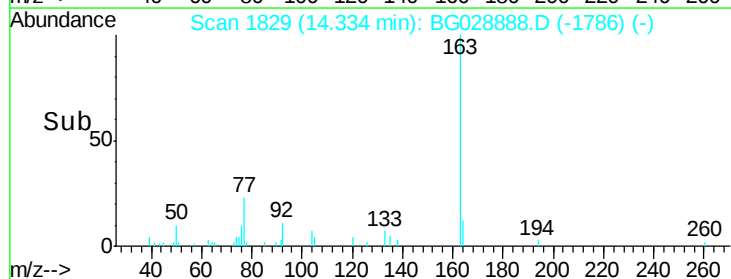
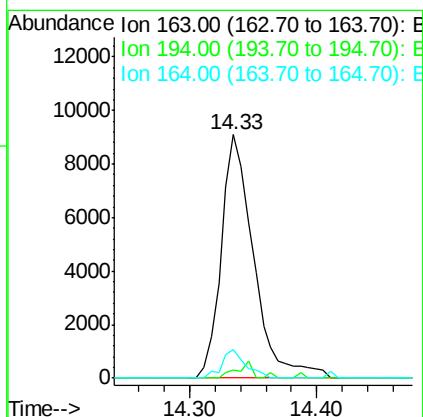
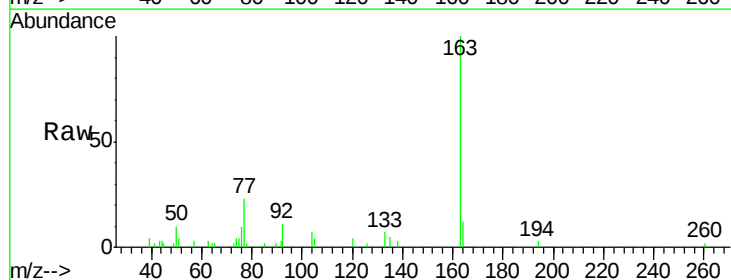
Instrument :
BNA_G
ClientSampleId :

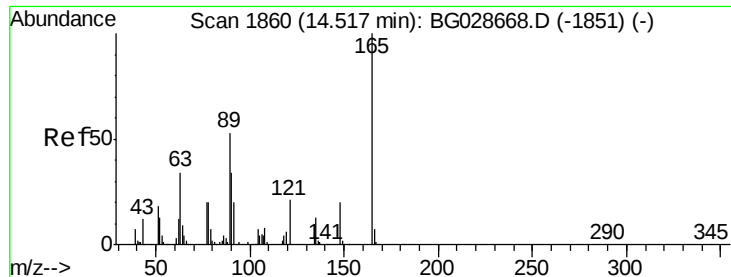
Tot Ion:172 Resp: 520572
Ion Ratio Lower Upper
172 100
171 36.0 32.2 48.2
170 22.6 21.8 32.6



#49
Dimethylphthalate
Concen: 2.75 ng
RT: 14.33 min Scan# 1829
Delta R.T. -0.05 min
Lab File: BG028888.D
Acq: 22 Sep 2017 23:58

Tgt Ion:163 Resp: 16068
Ion Ratio Lower Upper
163 100
194 3.4 3.8 5.6#
164 11.7 9.3 13.9

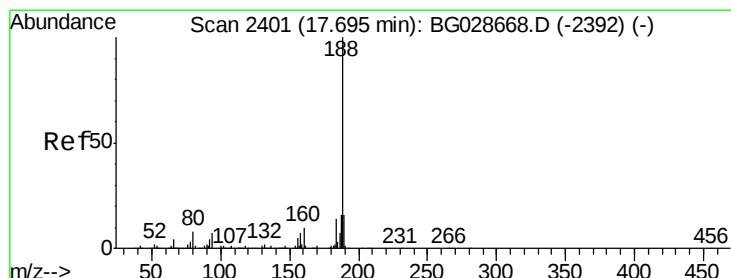
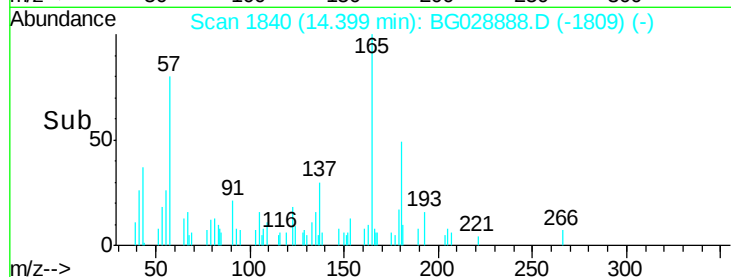
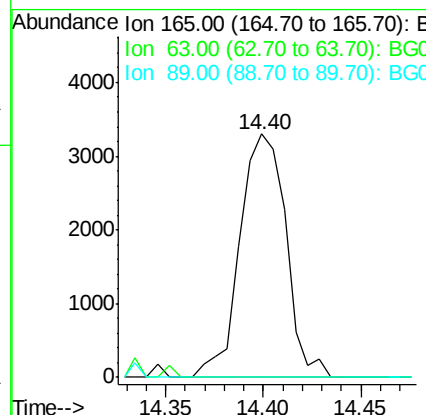
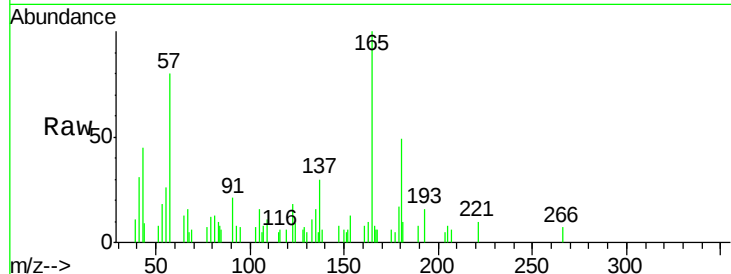




#50
 2,6-Dinitrotoluene
 Concen: 4.14 ng
 RT: 14.40 min Scan# 1840
 Delta R.T. -0.12 min
 Lab File: BG028888.D
 Acq: 22 Sep 2017 23:58

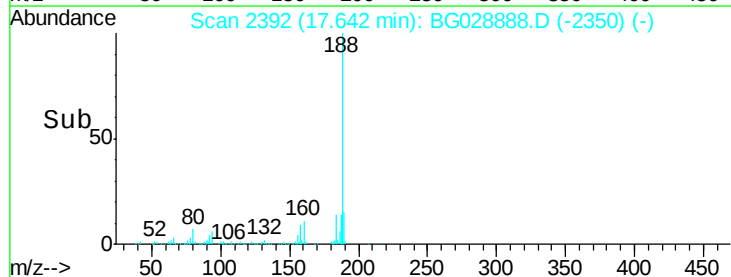
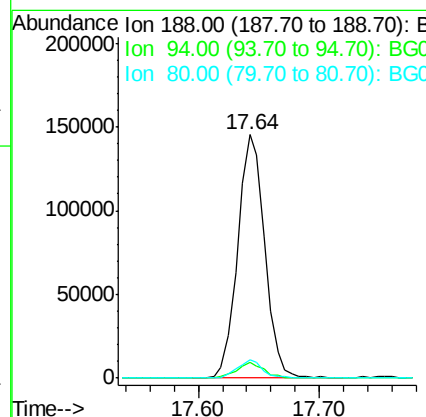
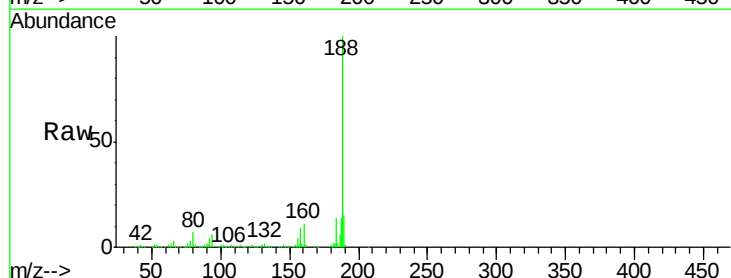
Instrument :
 BNA_G
 ClientSampleId :

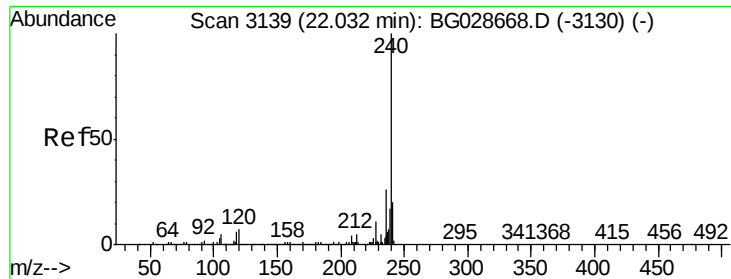
Tot Ion:165 Resp: 5377
 Ion Ratio Lower Upper
 165 100
 63 0.0 63.9 95.9#
 89 0.0 58.6 88.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.64 min Scan# 2392
 Delta R.T. -0.05 min
 Lab File: BG028888.D
 Acq: 22 Sep 2017 23:58

Tgt Ion:188 Resp: 226818
 Ion Ratio Lower Upper
 188 100
 94 6.4 5.8 8.8
 80 7.5 7.5 11.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.96 min Scan# 3127

Delta R.T. -0.07 min

Lab File: BG028888.D

Acq: 22 Sep 2017 23:58

Instrument :

BNA_G

ClientSampleId :

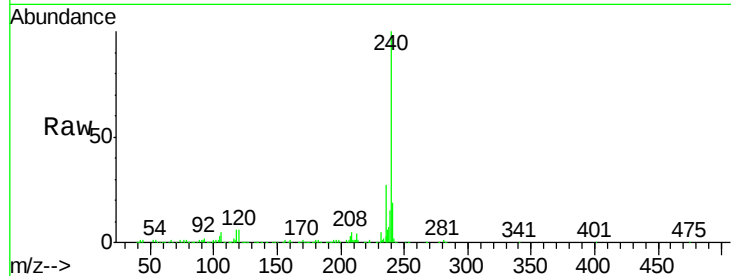
Tot Ion:240 Resp: 271893

Ion Ratio Lower Upper

240 100

120 5.5 5.7 8.5#

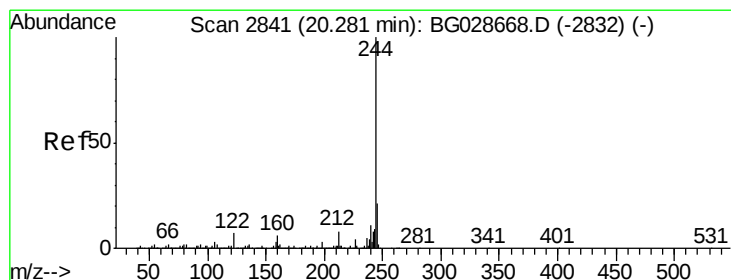
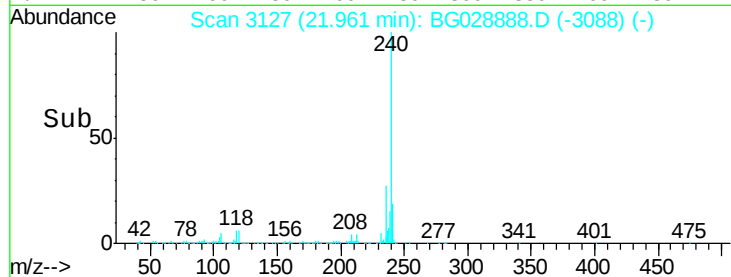
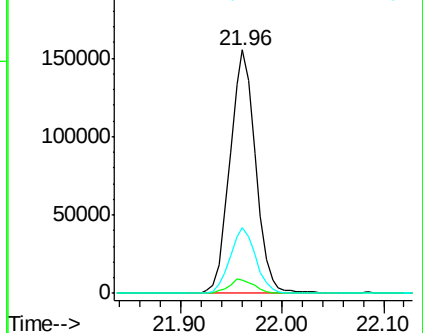
236 27.1 22.2 33.4



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: 107.04 ng

RT: 20.23 min Scan# 2833

Delta R.T. -0.05 min

Lab File: BG028888.D

Acq: 22 Sep 2017 23:58

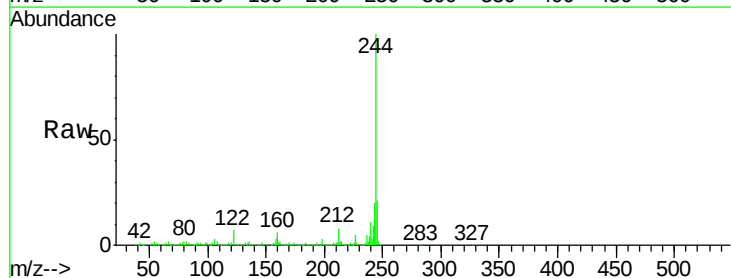
Tgt Ion:244 Resp: 1364671

Ion Ratio Lower Upper

244 100

212 8.1 10.0 15.0#

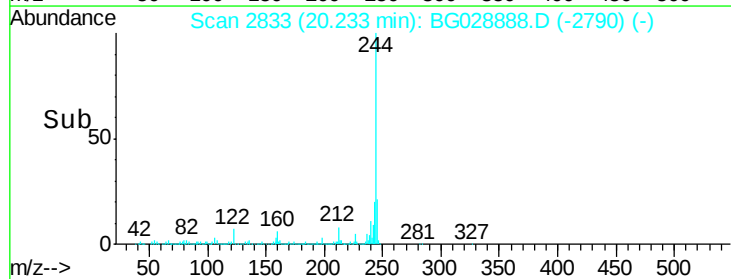
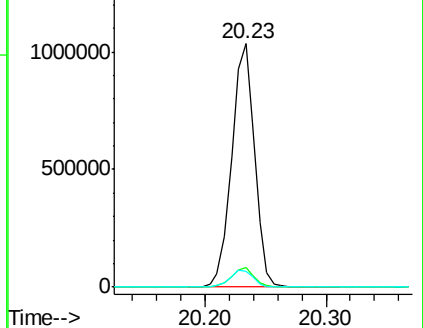
122 6.7 8.6 12.8#

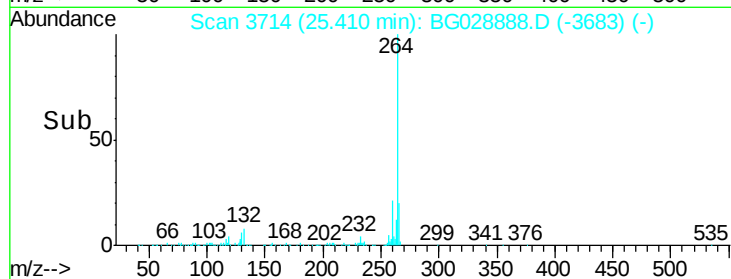
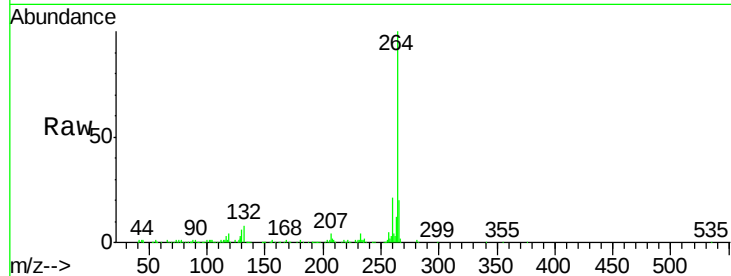
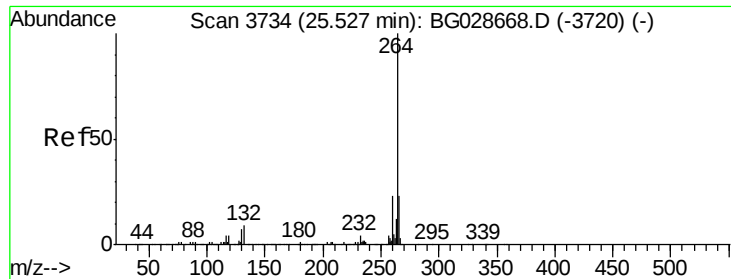


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG028888.D
Acq: 22 Sep 2017 23:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.5	21.8	32.8#
265	19.7	18.2	27.4

