

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092517\
 Data File : BG028916.D
 Acq On : 25 Sep 2017 20:33
 Operator : SJ/JU
 Sample : I5321-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 26 01:26:51 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

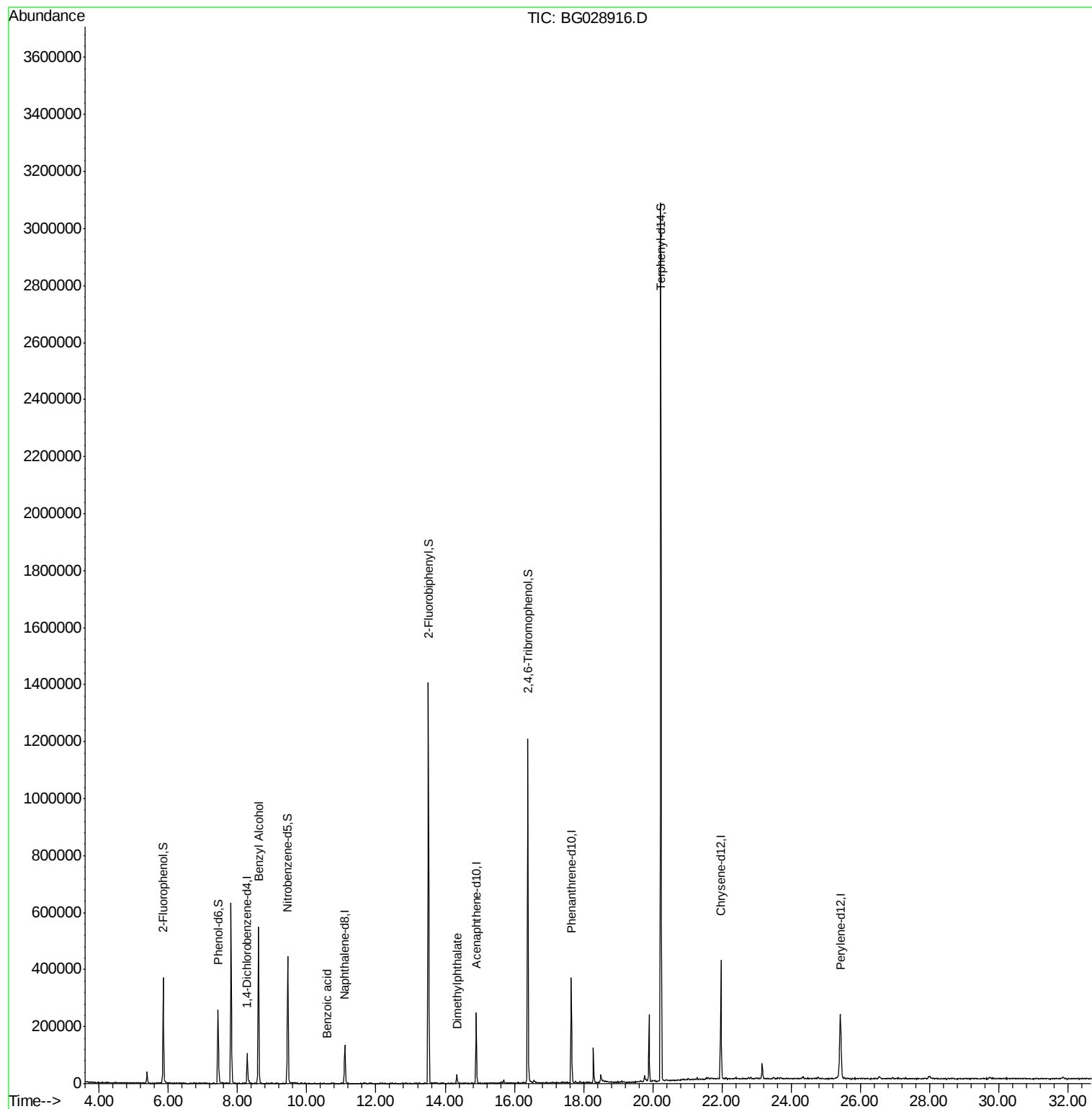
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	31746	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	125075	20.00	ng	-0.05
38) Acenaphthene-d10	14.90	164	87309	20.00	ng	-0.05
63) Phenanthrene-d10	17.65	188	239666	20.00	ng	-0.05
75) Chrysene-d12	21.97	240	285714	20.00	ng	-0.07
86) Perylene-d12	25.42	264	294267	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	163309	84.88	ng	-0.05
7) Phenol-d6	7.44	99	159699	55.13	ng	-0.05
23) Nitrobenzene-d5	9.45	82	286684	109.65	ng	-0.05
41) 2,4,6-Tribromophenol	16.39	330	269624	186.72	ng	-0.05
44) 2-Fluorobiphenyl	13.52	172	749541	114.47	ng	-0.05
78) Terphenyl-d14	20.23	244	1489366	111.17	ng	-0.05
Target Compounds						
15) Benzyl Alcohol	8.61	79	5468	2.42	ng	# 46
32) Benzoic acid	10.59	122	71	6.12	ng	# 1
49) Dimethylphthalate	14.34	163	25060	3.42	ng	# 93

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

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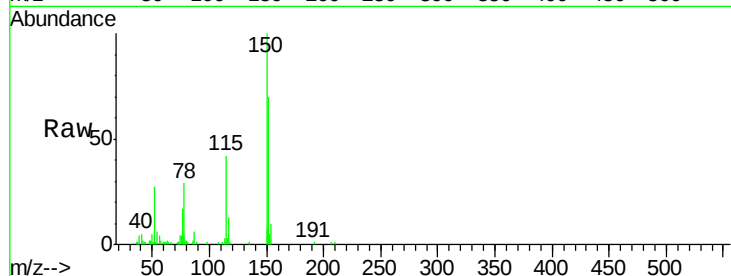


#1

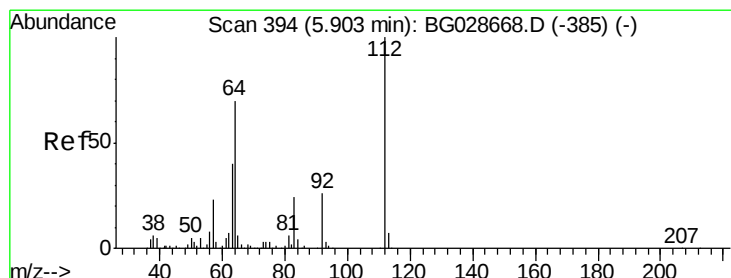
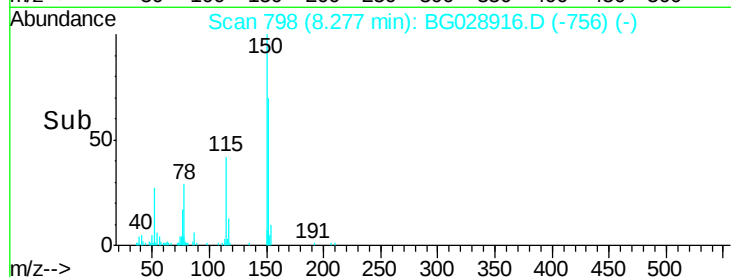
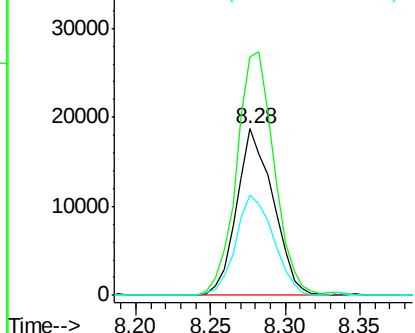
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.28 min Scan# 798
Delta R.T. -0.05 min
Lab File: BG028916.D
Acq: 25 Sep 2017 20:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 31746
Ion Ratio Lower Upper
152 100
150 143.7 114.0 171.0
115 60.1 48.1 72.1



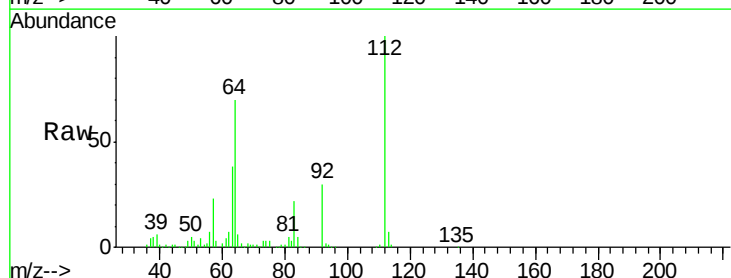
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



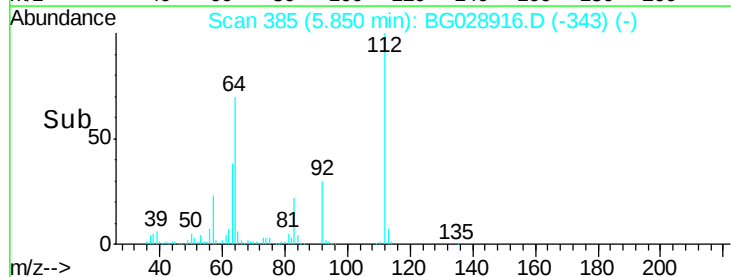
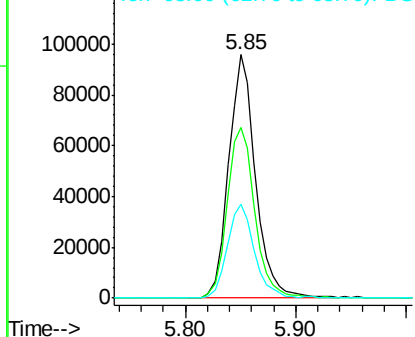
#5

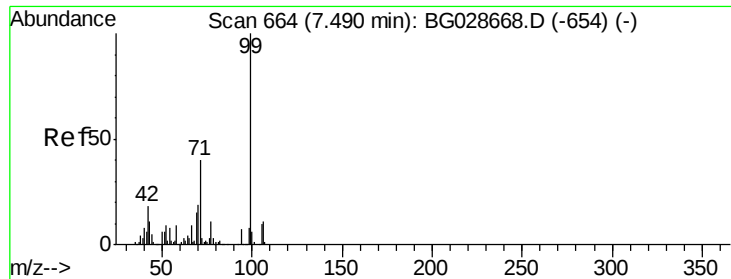
2-Fluorophenol
Concen: 84.88 ng
RT: 5.85 min Scan# 385
Delta R.T. -0.05 min
Lab File: BG028916.D
Acq: 25 Sep 2017 20:33

Tgt Ion:112 Resp: 163309
Ion Ratio Lower Upper
112 100
64 70.1 61.8 92.6
63 38.3 37.2 55.8



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: 55.13 ng

RT: 7.44 min Scan# 655

Delta R.T. -0.05 min

Lab File: BG028916.D

Acq: 25 Sep 2017 20:33

Instrument :

BNA_G

ClientSampleId :

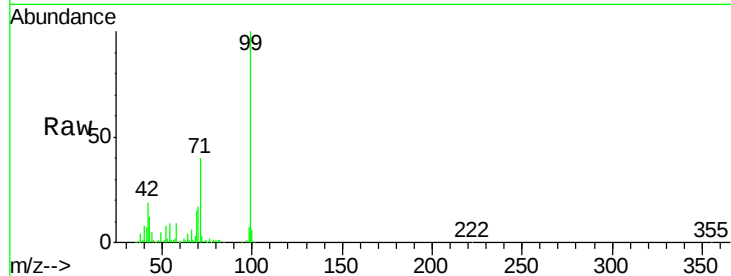
Tot Ion: 99 Resp: 159699

Ion Ratio Lower Upper

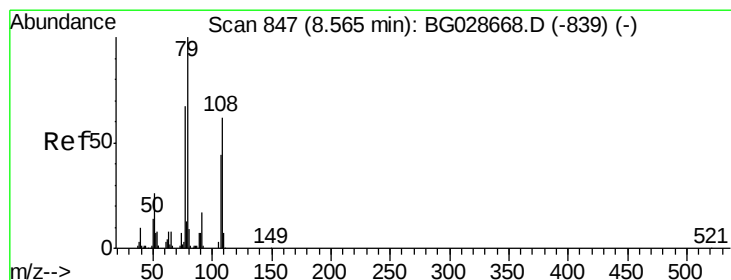
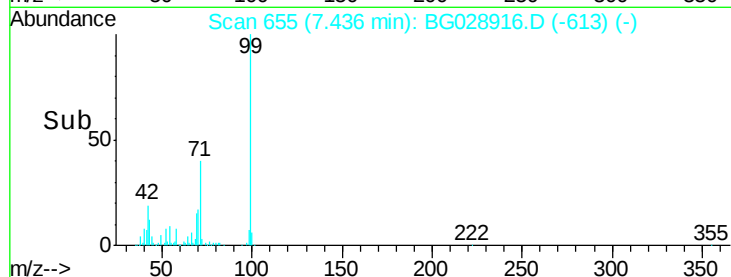
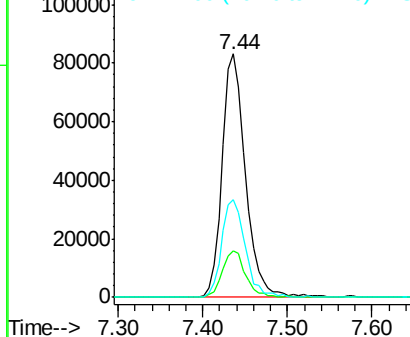
99 100

42 19.2 20.5 30.7#

71 40.2 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: 2.42 ng

RT: 8.61 min Scan# 855

Delta R.T. 0.05 min

Lab File: BG028916.D

Acq: 25 Sep 2017 20:33

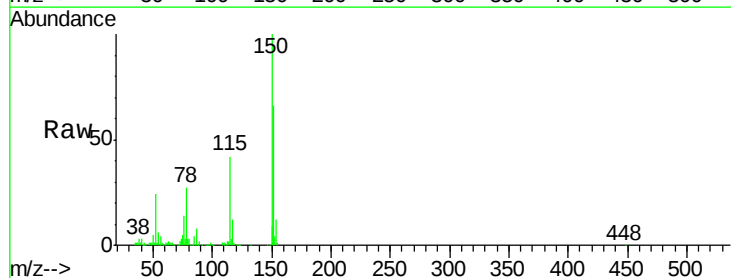
Tgt Ion: 79 Resp: 5468

Ion Ratio Lower Upper

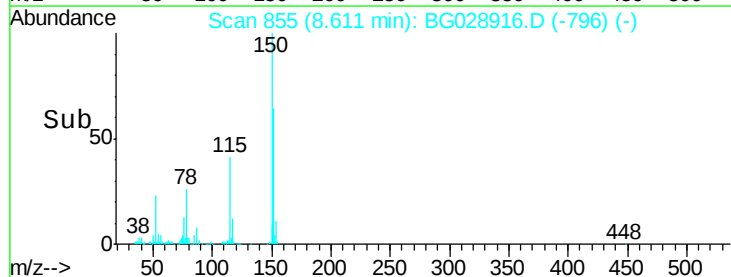
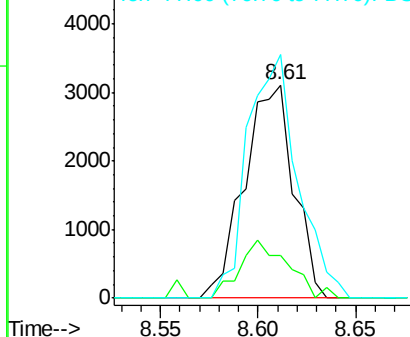
79 100

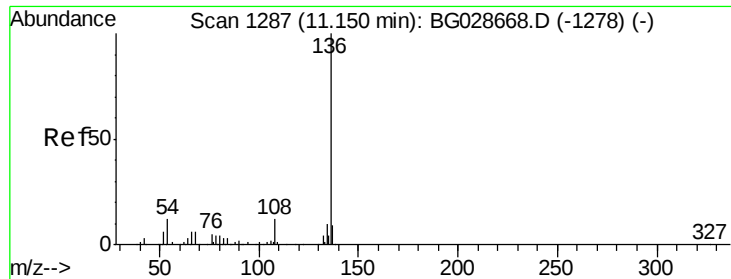
108 19.7 45.5 68.3#

77 114.3 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

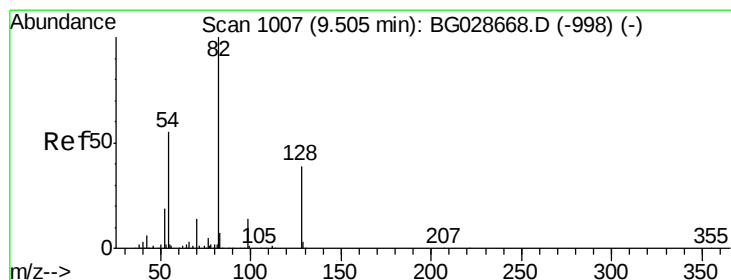
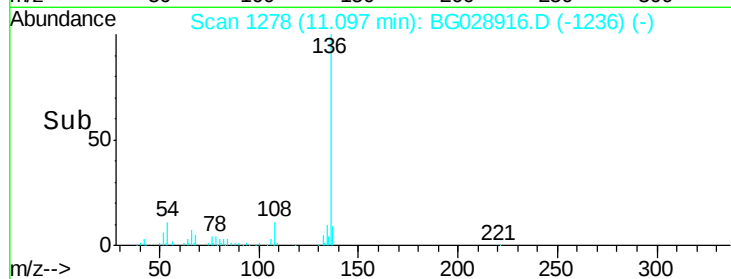
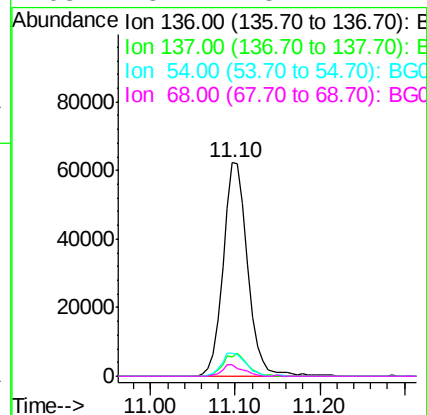
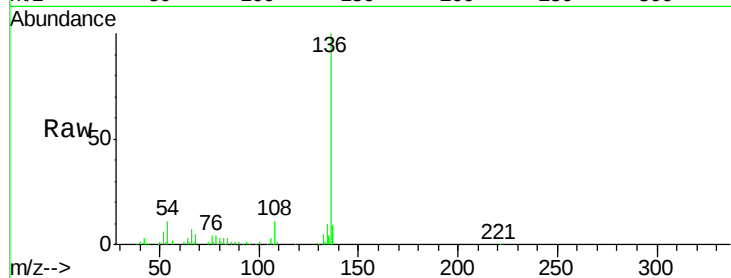




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.10 min Scan# 1278
Delta R.T. -0.05 min
Lab File: BG028916.D
Acq: 25 Sep 2017 20:33

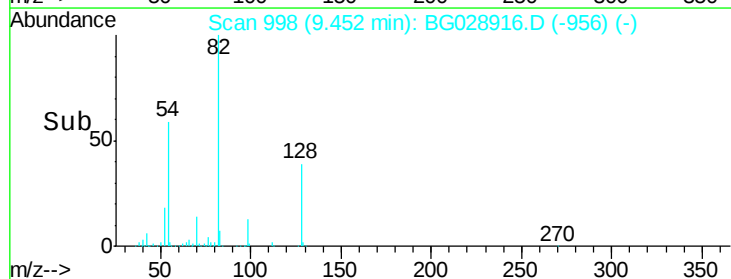
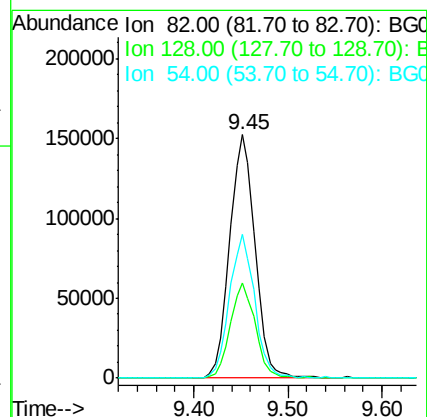
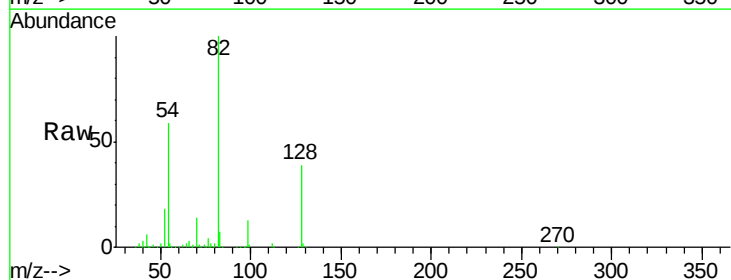
Instrument :
BNA_G
ClientSampleId :

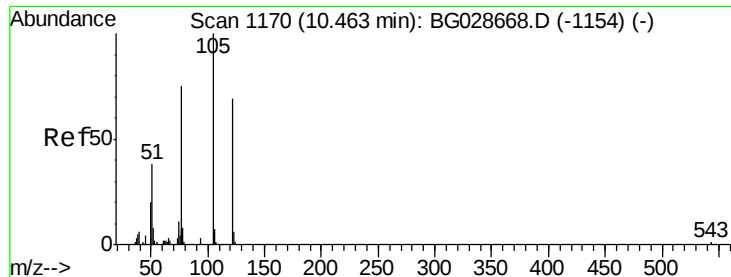
Tot Ion:	136	Resp:	125075
Ion	Ratio	Lower	Upper
136	100		
137	9.0	8.9	13.3
54	10.8	9.3	13.9
68	5.4	5.1	7.7



#23
Nitrobenzene-d5
Concen: 109.65 ng
RT: 9.45 min Scan# 998
Delta R.T. -0.05 min
Lab File: BG028916.D
Acq: 25 Sep 2017 20:33

Tgt Ion:	82	Resp:	286684
Ion	Ratio	Lower	Upper
82	100		
128	39.1	26.4	39.6
54	58.8	49.4	74.2

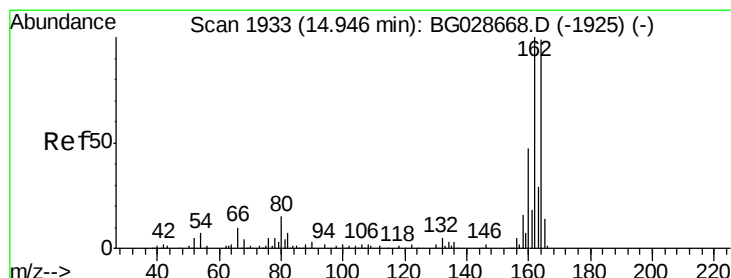
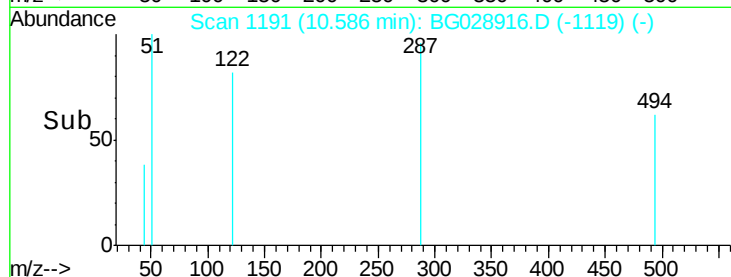
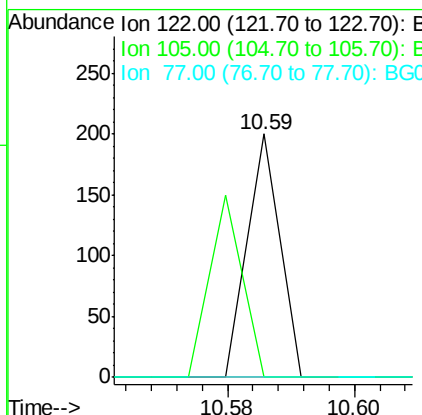
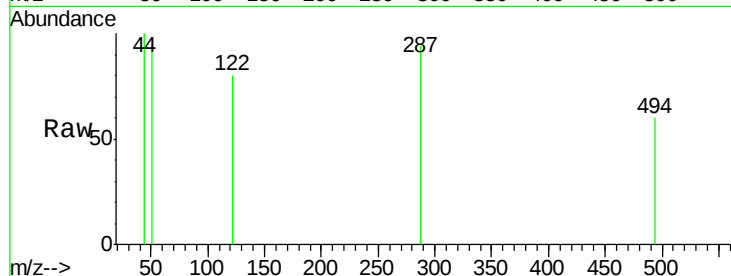




#32
Benzoic acid
Concen: 6.12 ng
RT: 10.59 min Scan# 1191
Delta R.T. 0.12 min
Lab File: BG028916.D
Acq: 25 Sep 2017 20:33

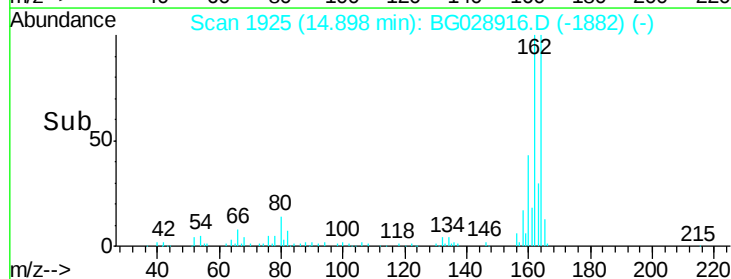
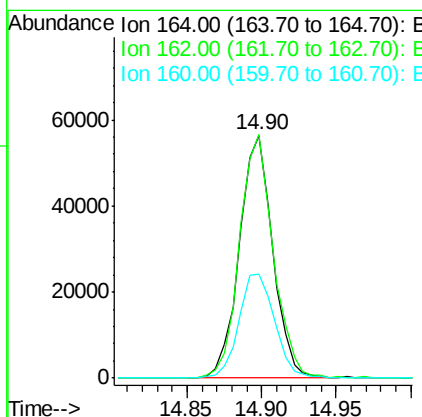
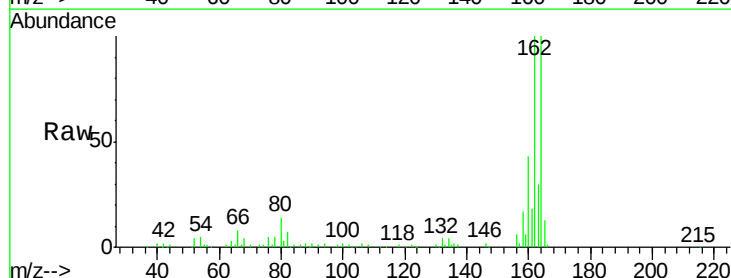
Instrument :
BNA_G
ClientSampled :

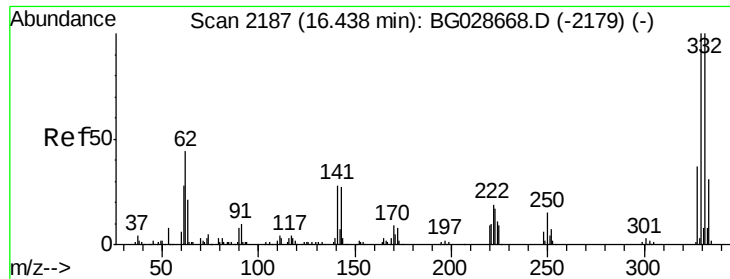
Tot Ion:122 Resp: 71
Ion Ratio Lower Upper
122 100
105 0.0 120.1 160.1#
77 0.0 104.6 144.6#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.90 min Scan# 1925
Delta R.T. -0.05 min
Lab File: BG028916.D
Acq: 25 Sep 2017 20:33

Tgt Ion:164 Resp: 87309
Ion Ratio Lower Upper
164 100
162 100.3 85.1 127.7
160 42.9 34.7 52.1





#41

2,4,6-Tribromophenol

Concen: 186.72 ng

RT: 16.39 min Scan# 2179

Delta R.T. -0.05 min

Lab File: BG028916.D

Acq: 25 Sep 2017 20:33

Instrument :

BNA_G

ClientSampled :

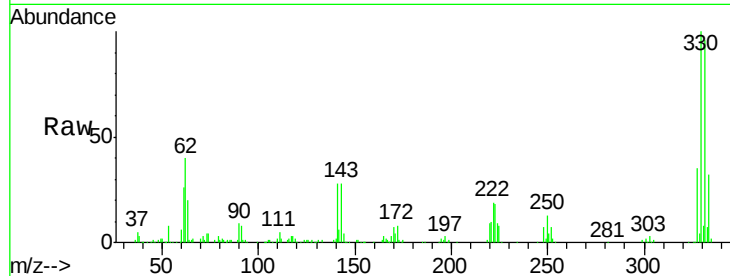
Tot Ion:330 Resp: 269624

Ion Ratio Lower Upper

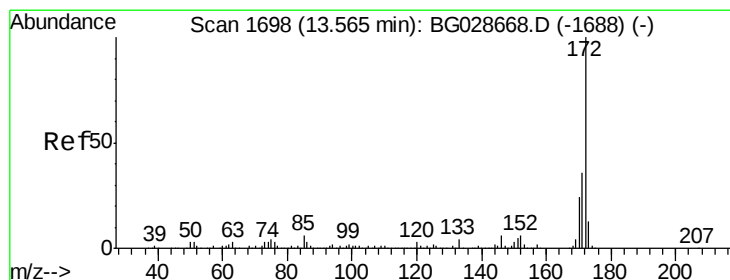
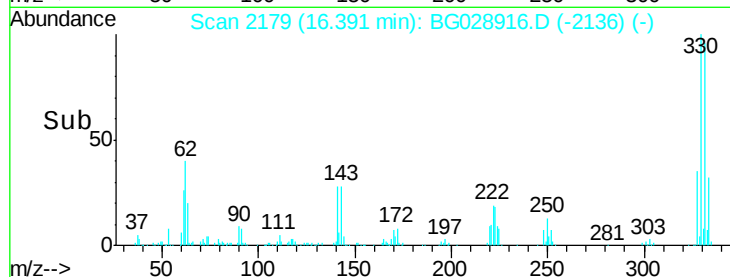
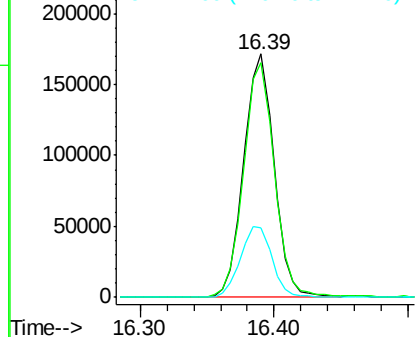
330 100

332 98.0 77.3 115.9

141 30.6 32.1 48.1#



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



#44

2-Fluorobiphenyl

Concen: 114.47 ng

RT: 13.52 min Scan# 1690

Delta R.T. -0.05 min

Lab File: BG028916.D

Acq: 25 Sep 2017 20:33

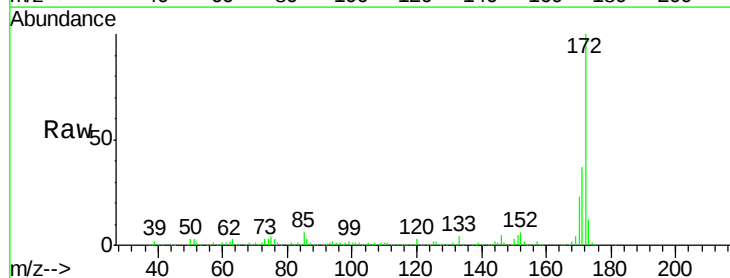
Tgt Ion:172 Resp: 749541

Ion Ratio Lower Upper

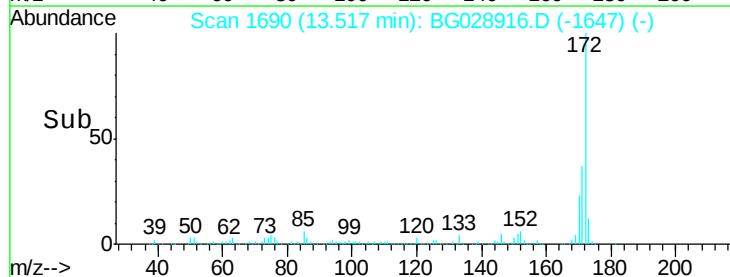
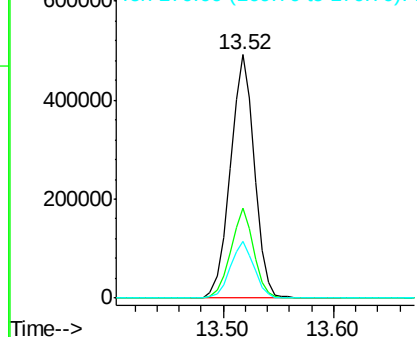
172 100

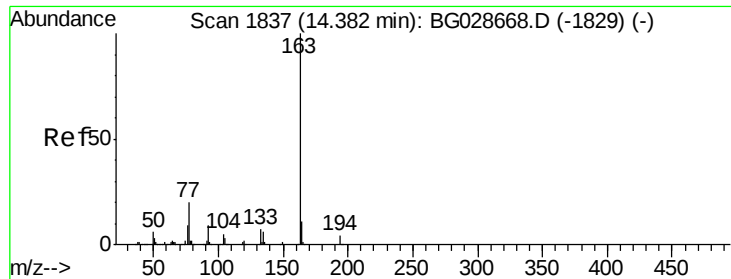
171 36.9 32.2 48.2

170 23.3 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

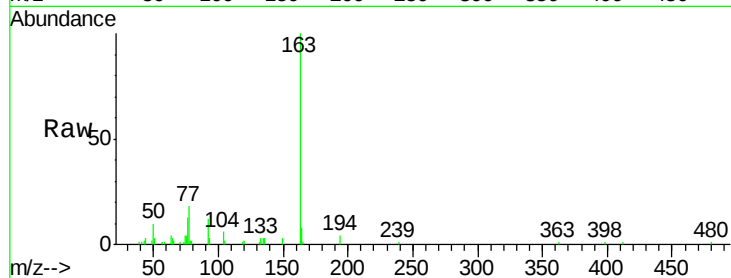




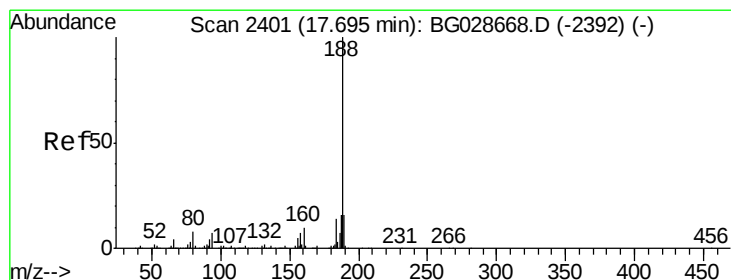
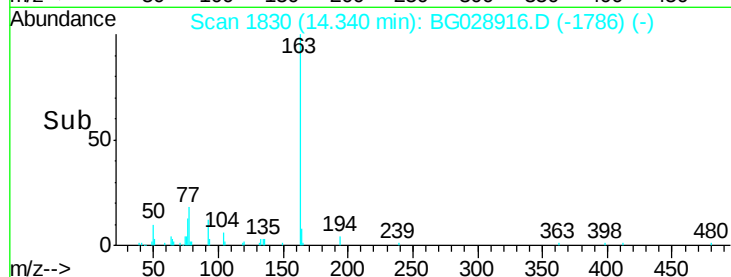
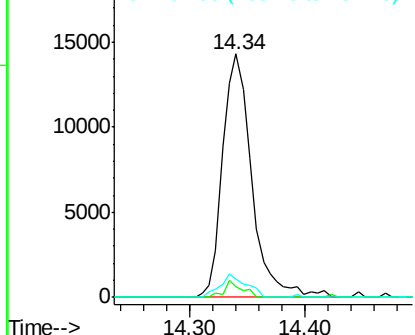
#49
Dimethylphthalate
Concen: 3.42 ng
RT: 14.34 min Scan# 1830
Delta R.T. -0.04 min
Lab File: BG028916.D
Acq: 25 Sep 2017 20:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:163 Resp: 25060
Ion Ratio Lower Upper
163 100
194 4.2 3.8 5.6
164 7.8 9.3 13.9#

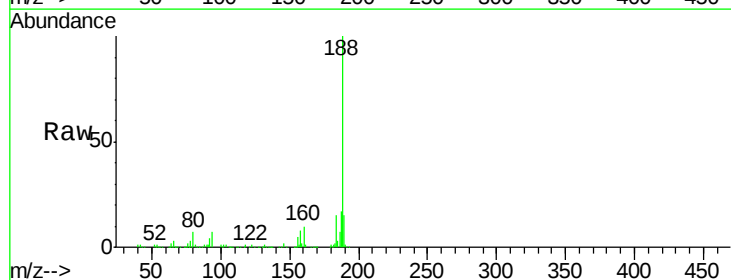


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

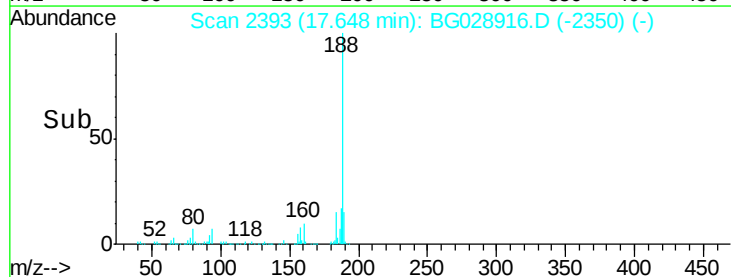
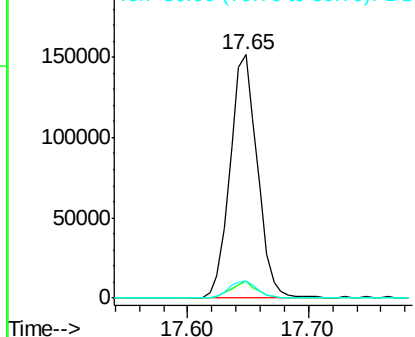


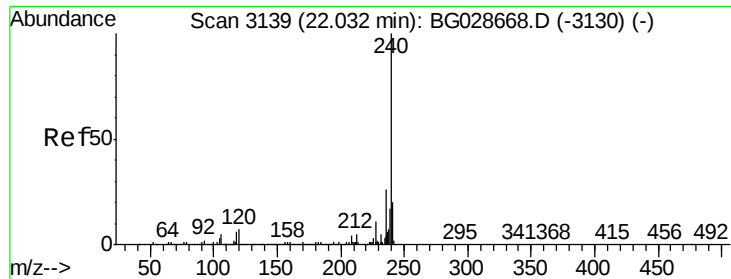
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.65 min Scan# 2393
Delta R.T. -0.05 min
Lab File: BG028916.D
Acq: 25 Sep 2017 20:33

Tgt Ion:188 Resp: 239666
Ion Ratio Lower Upper
188 100
94 6.8 5.8 8.8
80 6.9 7.5 11.3#



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.97 min Scan# 3128

Delta R.T. -0.07 min

Lab File: BG028916.D

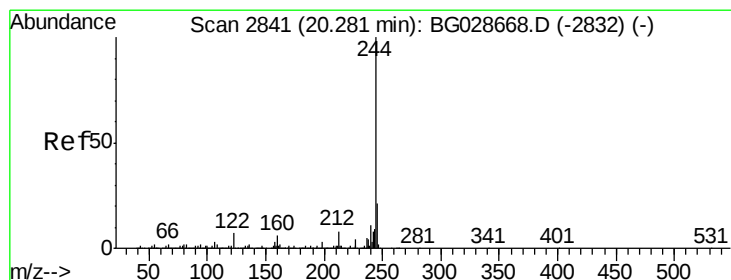
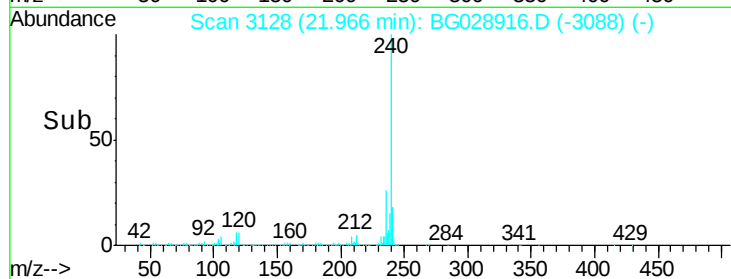
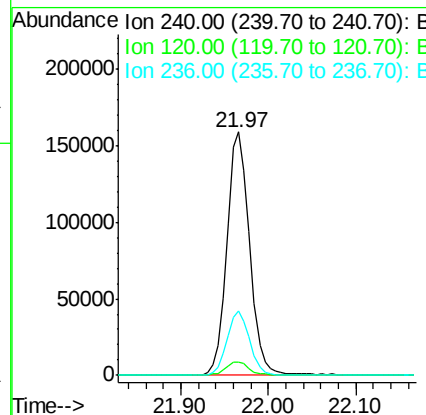
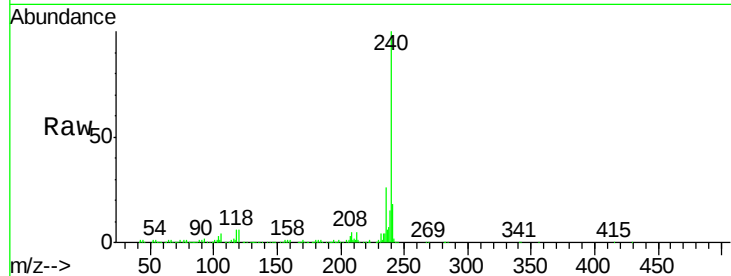
Acq: 25 Sep 2017 20:33

Instrument :

BNA_G

ClientSampleId :

Tot Ion	Ratio	Lower	Upper
240	100		
120	5.6	5.7	8.5#
236	26.5	22.2	33.4



#78

Terphenyl-d14

Concen: 111.17 ng

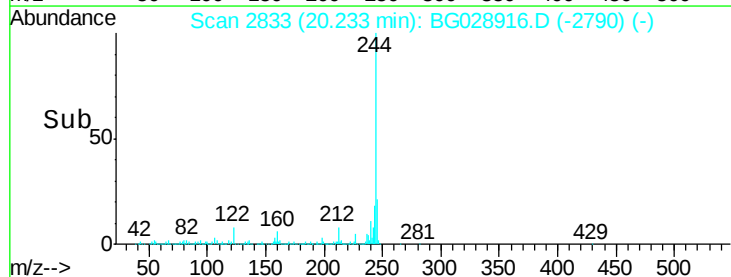
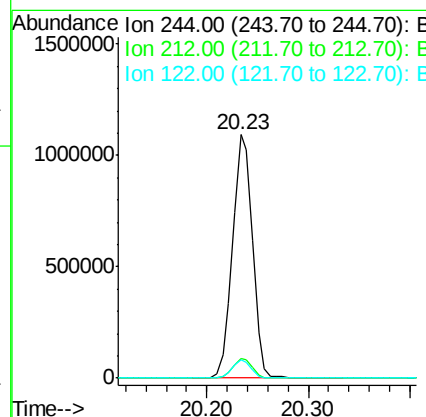
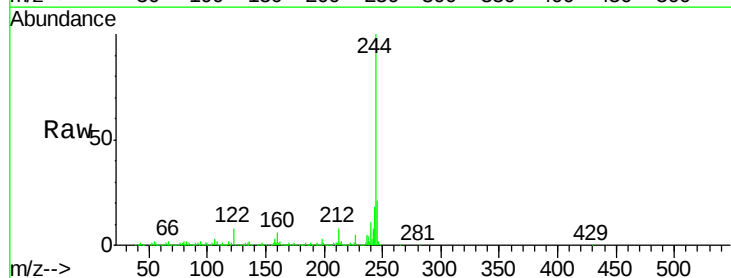
RT: 20.23 min Scan# 2833

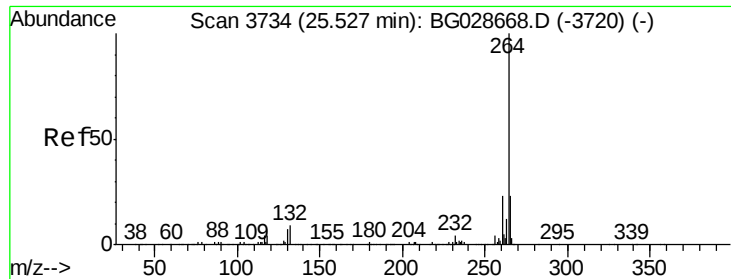
Delta R.T. -0.05 min

Lab File: BG028916.D

Acq: 25 Sep 2017 20:33

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.3	10.0	15.0#
122	7.6	8.6	12.8#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.42 min Scan# 3716
Delta R.T. -0.11 min
Lab File: BG028916.D
Acq: 25 Sep 2017 20:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	21.8	32.8
265	20.2	18.2	27.4

