

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100317\
 Data File : BG029028.D
 Acq On : 4 Oct 2017 6:31
 Operator : SJ/JU
 Sample : I5516-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 04 07:41:53 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

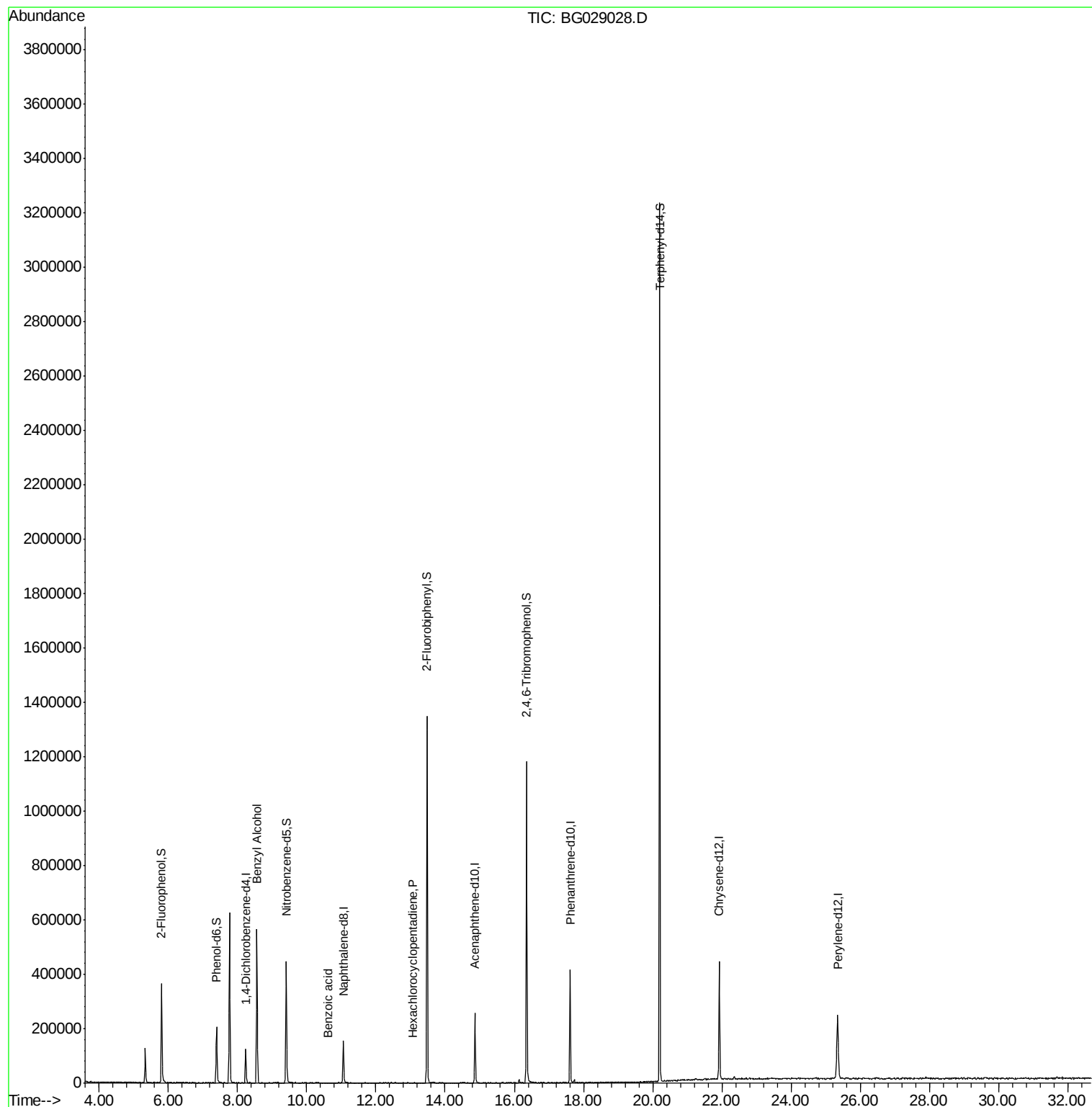
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	33975	20.00	ng	-0.09
21) Naphthalene-d8	11.06	136	133833	20.00	ng	-0.09
38) Acenaphthene-d10	14.86	164	96277	20.00	ng	-0.09
63) Phenanthrene-d10	17.62	188	259236	20.00	ng	-0.08
75) Chrysene-d12	21.92	240	302805	20.00	ng	-0.11
86) Perylene-d12	25.35	264	283831	20.00	ng	-0.18
System Monitoring Compounds						
5) 2-Fluorophenol	5.81	112	158789	77.12	ng	-0.10
7) Phenol-d6	7.40	99	123859	39.95	ng	-0.09
23) Nitrobenzene-d5	9.41	82	296383	105.94	ng	-0.09
41) 2,4,6-Tribromophenol	16.35	330	255325	160.34	ng	-0.09
44) 2-Fluorobiphenyl	13.48	172	730827	101.22	ng	-0.09
78) Terphenyl-d14	20.21	244	1529229	107.70	ng	-0.07
Target Compounds						
15) Benzyl Alcohol	8.56	79	5403	2.23	ng	# 70
32) Benzoic acid	10.61	122	65	6.12	ng	# 1
40) Hexachlorocyclopentadiene	13.07	237	53	7.63	ng	# 29

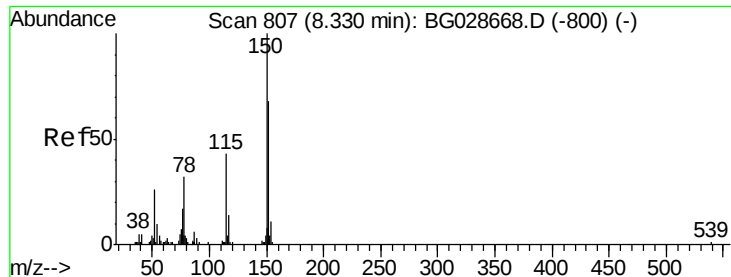
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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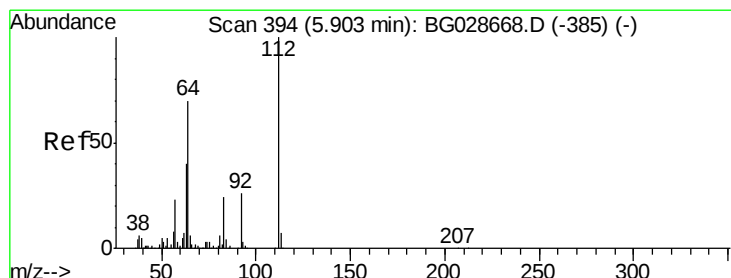
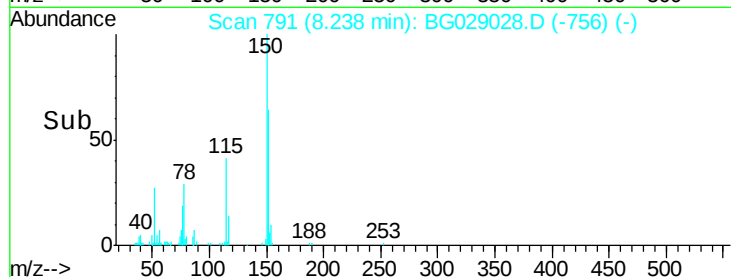
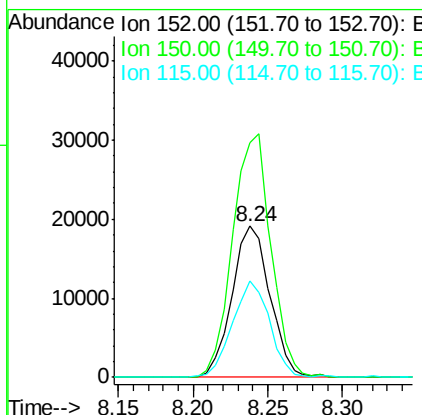
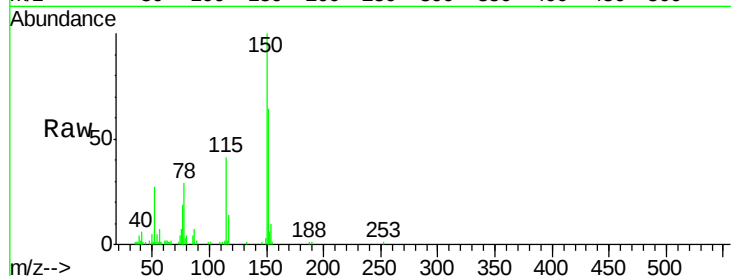


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.24 min Scan# 791
Delta R.T. -0.09 min
Lab File: BG029028.D
Acq: 4 Oct 2017 6:31

Instrument :
BNA_G
ClientSampleId :

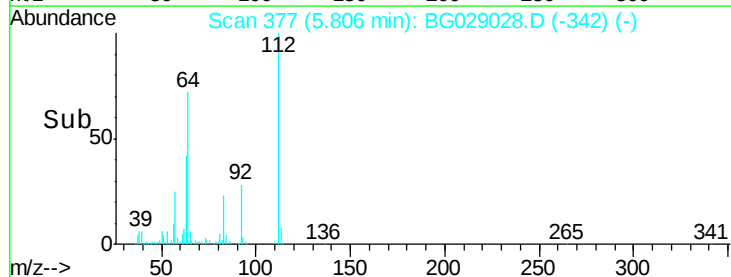
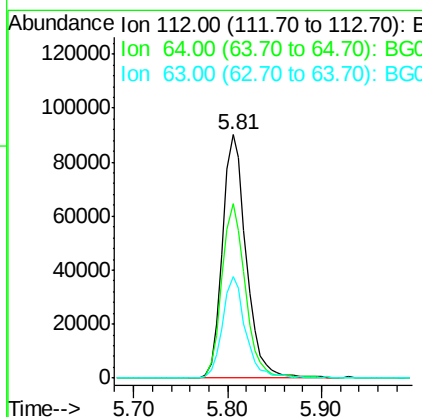
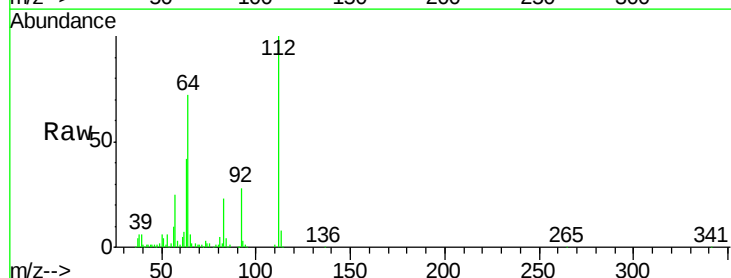
Tot Ion:152 Resp: 33975
Ion Ratio Lower Upper
152 100
150 155.8 114.0 171.0
115 64.2 48.1 72.1

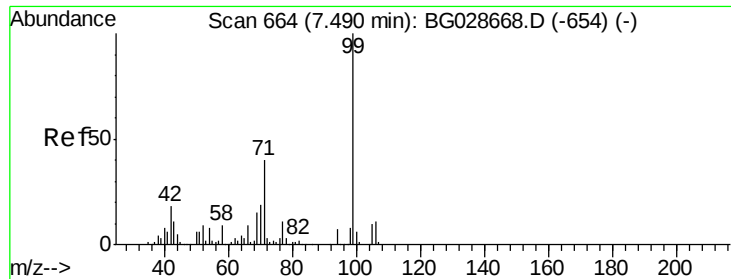


#5

2-Fluorophenol
Concen: 77.12 ng
RT: 5.81 min Scan# 377
Delta R.T. -0.10 min
Lab File: BG029028.D
Acq: 4 Oct 2017 6:31

Tgt Ion:112 Resp: 158789
Ion Ratio Lower Upper
112 100
64 71.9 61.8 92.6
63 41.7 37.2 55.8





#7

Phenol-d6

Concen: 39.95 ng

RT: 7.40 min Scan# 648

Delta R.T. -0.09 min

Lab File: BG029028.D

Acq: 4 Oct 2017 6:31

Instrument :

BNA_G

ClientSampleId :

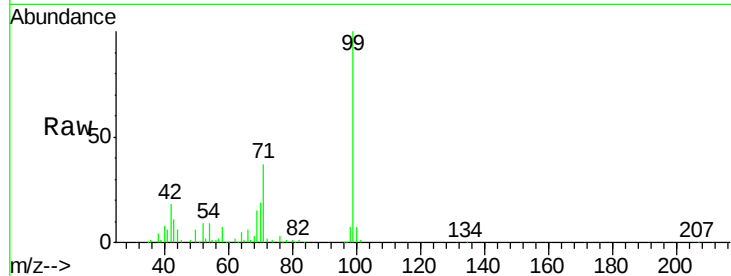
Tot Ion: 99 Resp: 123859

Ion Ratio Lower Upper

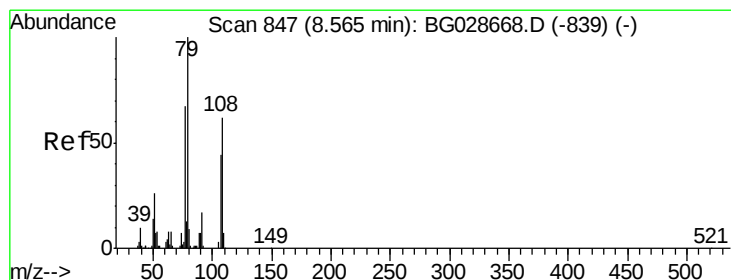
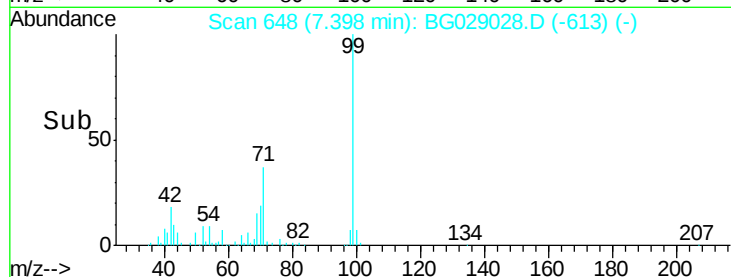
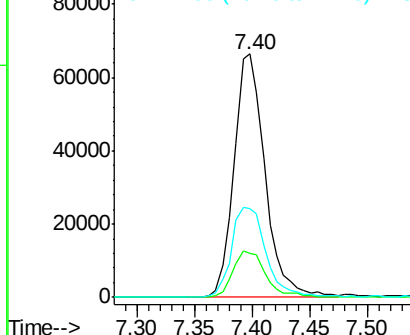
99 100

42 18.1 20.5 30.7#

71 36.6 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: 2.23 ng

RT: 8.56 min Scan# 846

Delta R.T. -0.00 min

Lab File: BG029028.D

Acq: 4 Oct 2017 6:31

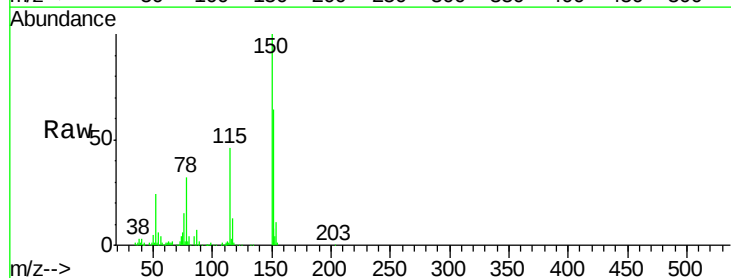
Tgt Ion: 79 Resp: 5403

Ion Ratio Lower Upper

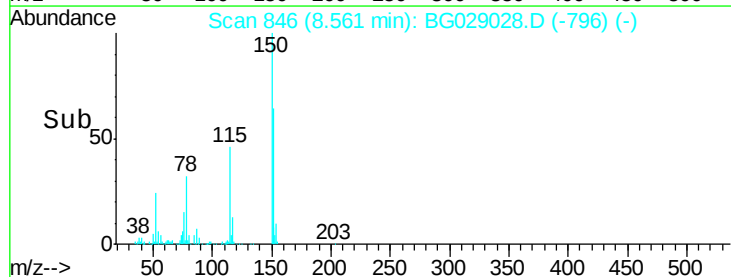
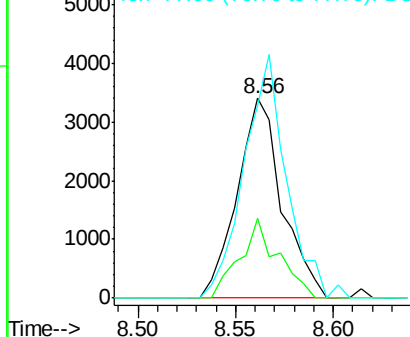
79 100

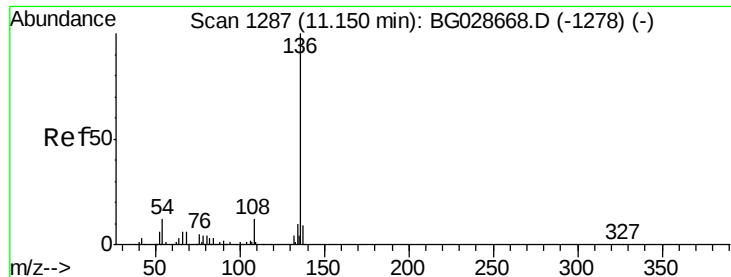
108 40.1 45.5 68.3#

77 96.3 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

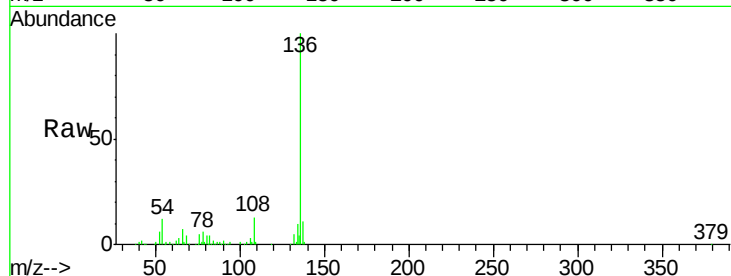




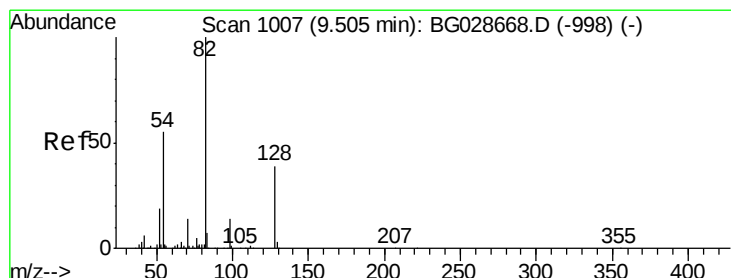
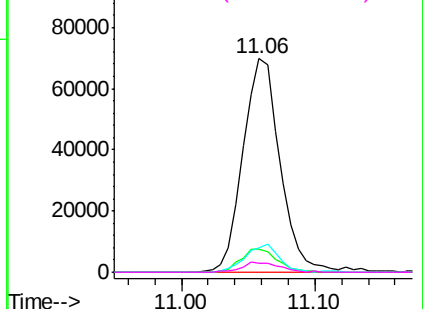
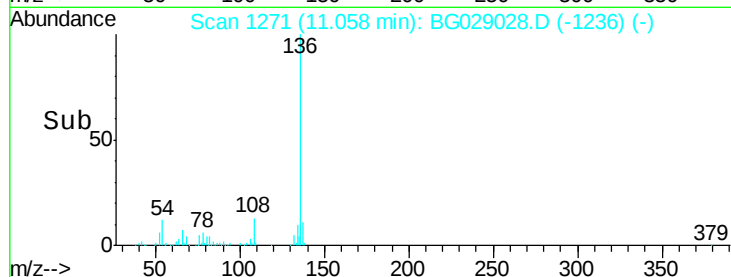
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.06 min Scan# 1271
Delta R.T. -0.09 min
Lab File: BG029028.D
Acq: 4 Oct 2017 6:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	11.7	9.3	13.9
68	4.0	5.1	7.7#

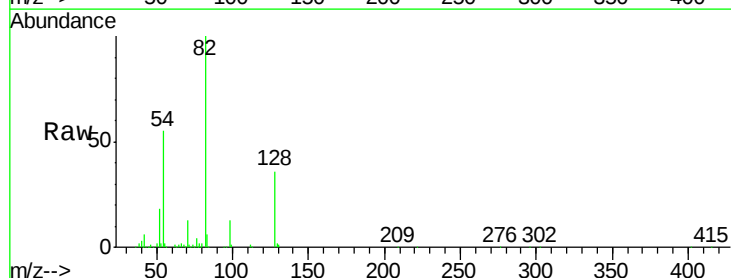


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

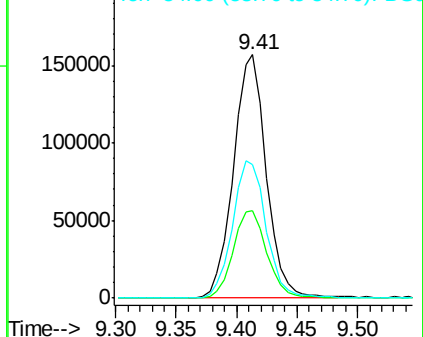
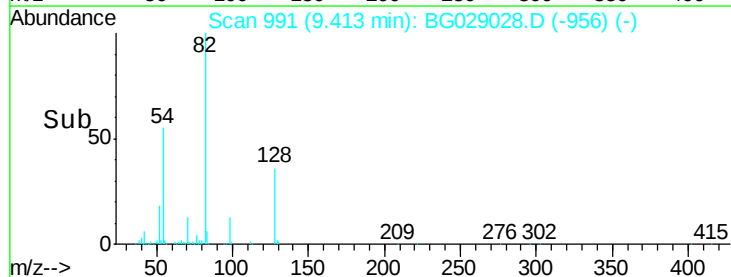


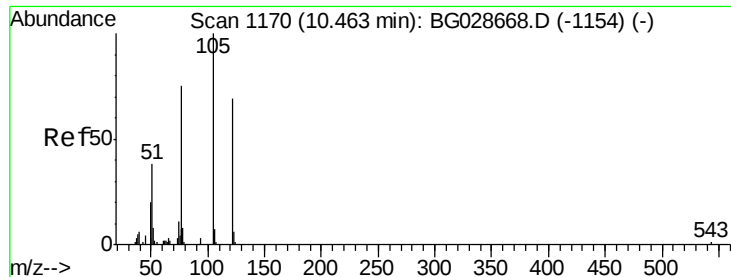
#23
Nitrobenzene-d5
Concen: 105.94 ng
RT: 9.41 min Scan# 991
Delta R.T. -0.09 min
Lab File: BG029028.D
Acq: 4 Oct 2017 6:31

Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.0	26.4	39.6
54	54.7	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





#32

Benzoic acid

Concen: 6.12 ng

RT: 10.61 min Scan# 1195

Delta R.T. 0.15 min

Lab File: BG029028.D

Acq: 4 Oct 2017 6:31

Instrument :

BNA_G

ClientSampleId :

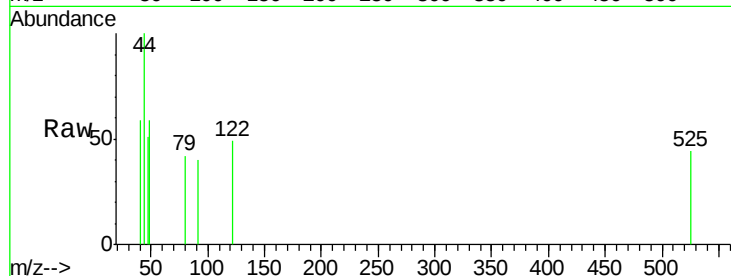
Tot Ion:122 Resp: 65

Ion Ratio Lower Upper

122 100

105 0.0 120.1 160.1#

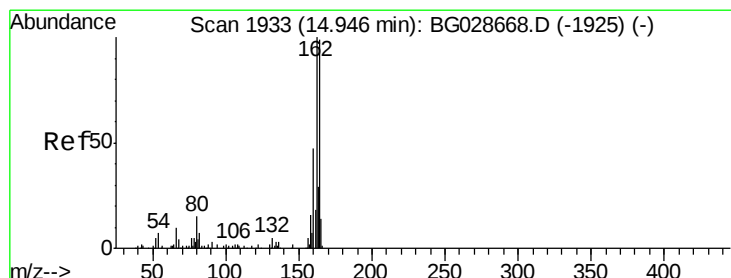
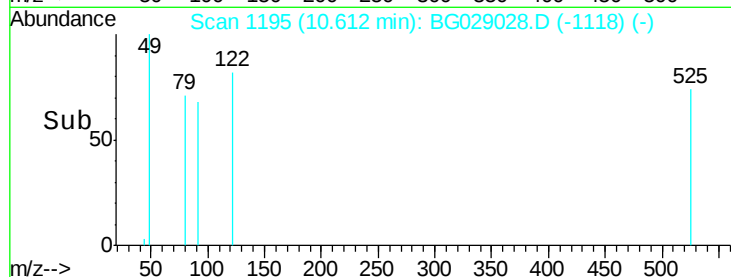
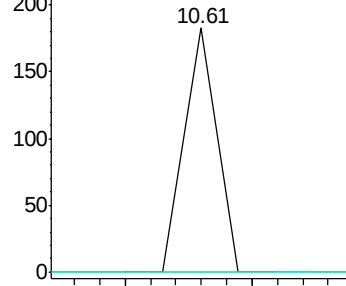
77 0.0 104.6 144.6#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.86 min Scan# 1918

Delta R.T. -0.09 min

Lab File: BG029028.D

Acq: 4 Oct 2017 6:31

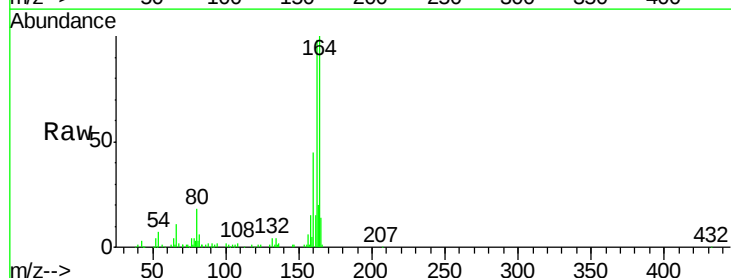
Tgt Ion:164 Resp: 96277

Ion Ratio Lower Upper

164 100

162 98.0 85.1 127.7

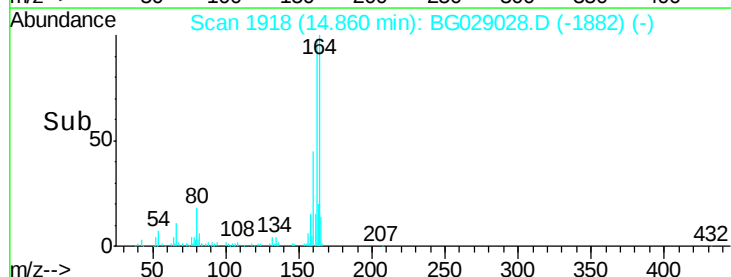
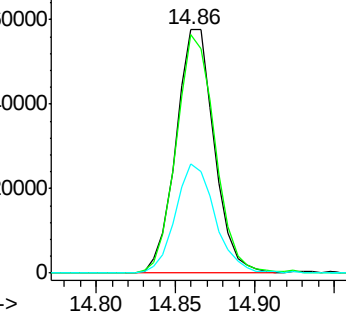
160 44.9 34.7 52.1

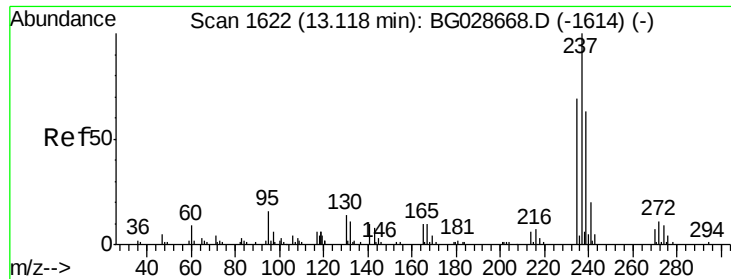


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#40

Hexachlorocyclopentadiene

Concen: 7.63 ng

RT: 13.07 min Scan# 1614

Delta R.T. -0.04 min

Lab File: BG029028.D

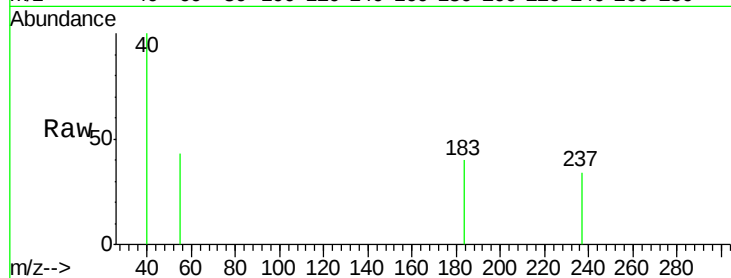
Acq: 4 Oct 2017 6:31

Instrument :

BNA_G

ClientSampleId :

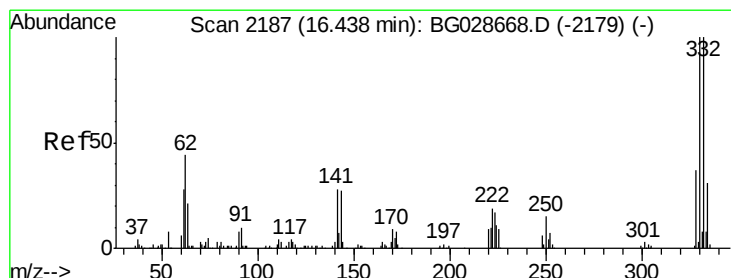
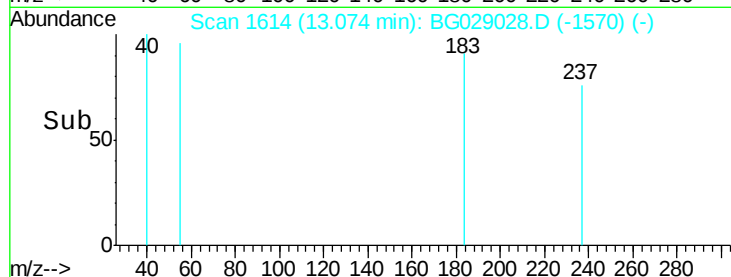
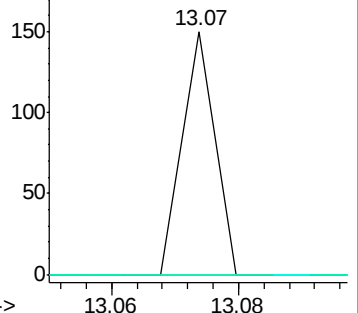
Tot Ion:	237	Resp:	53
Ion	Ratio	Lower	Upper
237	100		
235	0.0	39.4	79.4#
272	0.0	0.0	32.0



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 160.34 ng

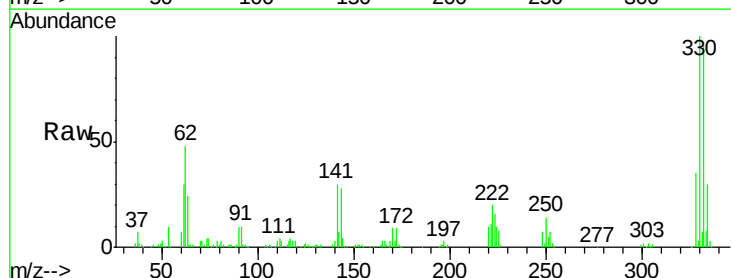
RT: 16.35 min Scan# 2172

Delta R.T. -0.09 min

Lab File: BG029028.D

Acq: 4 Oct 2017 6:31

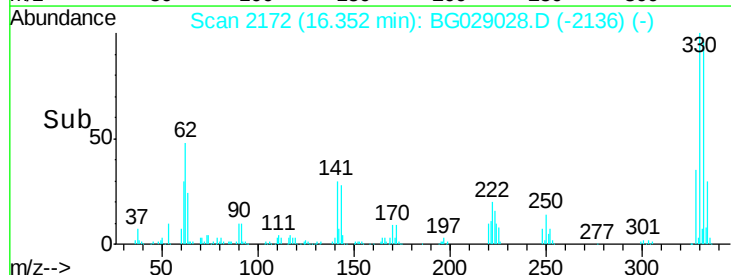
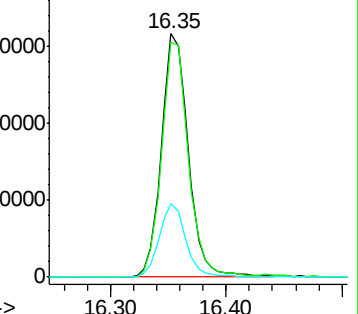
Tgt Ion:	330	Resp:	255325
Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.3	115.9
141	29.9	32.1	48.1#

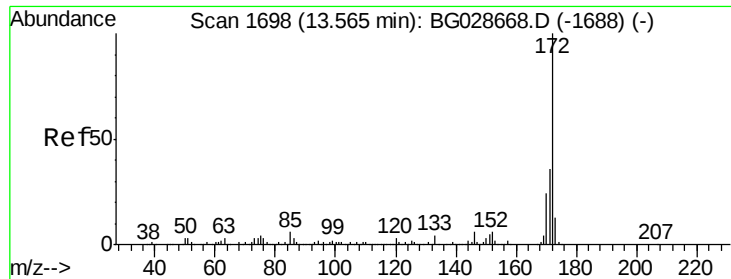


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

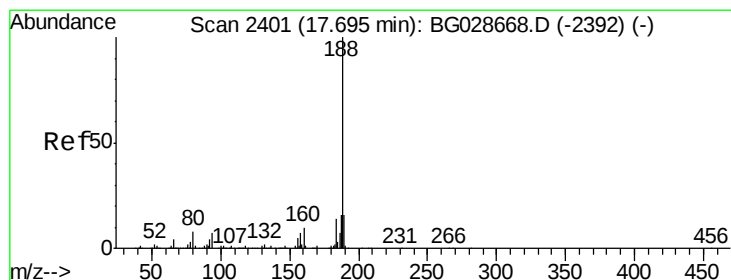
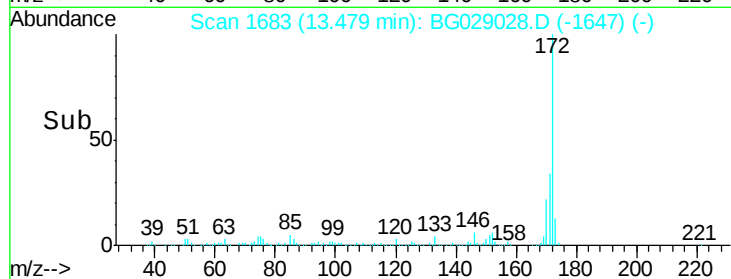
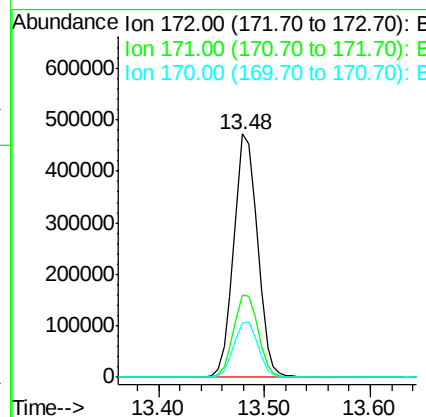
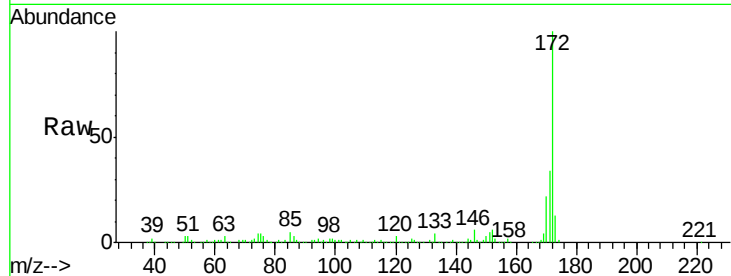




#44
 2-Fluorobiphenyl
 Concen: 101.22 ng
 RT: 13.48 min Scan# 1683
 Delta R.T. -0.09 min
 Lab File: BG029028.D
 Acq: 4 Oct 2017 6:31

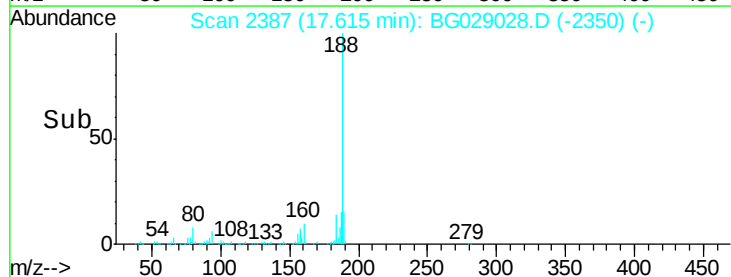
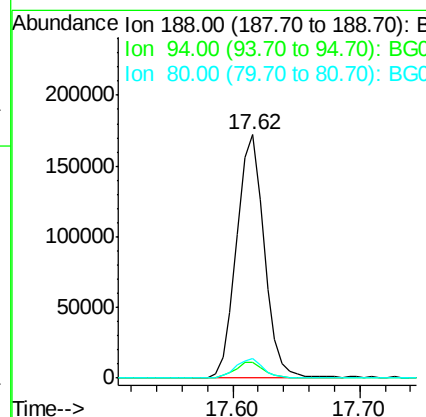
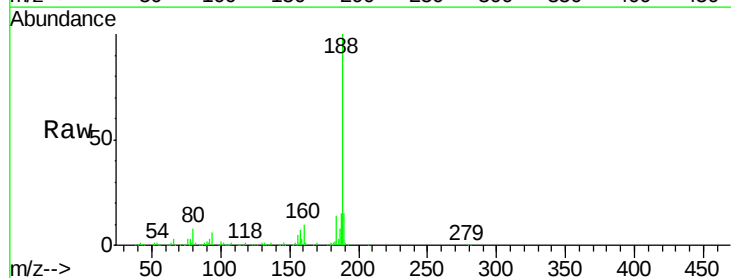
Instrument :
 BNA_G
 ClientSampleId :

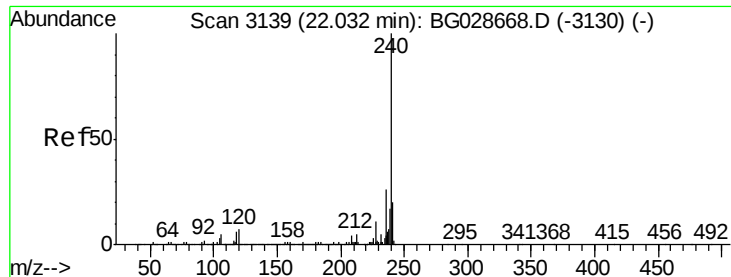
Tot Ion:172 Resp: 730827
 Ion Ratio Lower Upper
 172 100
 171 33.6 32.2 48.2
 170 22.2 21.8 32.6



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.62 min Scan# 2387
 Delta R.T. -0.08 min
 Lab File: BG029028.D
 Acq: 4 Oct 2017 6:31

Tgt Ion:188 Resp: 259236
 Ion Ratio Lower Upper
 188 100
 94 6.5 5.8 8.8
 80 7.9 7.5 11.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.92 min Scan# 3120

Delta R.T. -0.11 min

Lab File: BG029028.D

Acq: 4 Oct 2017 6:31

Instrument :

BNA_G

ClientSampleId :

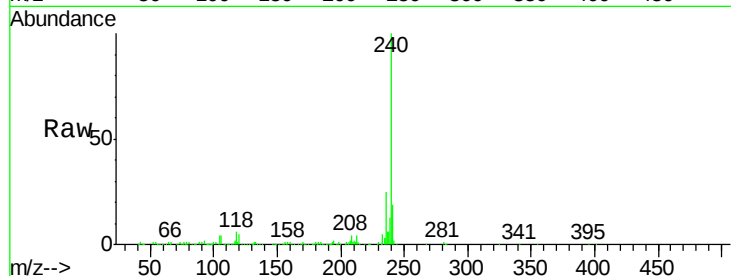
Tot Ion:240 Resp: 302805

Ion Ratio Lower Upper

240 100

120 5.3 5.7 8.5#

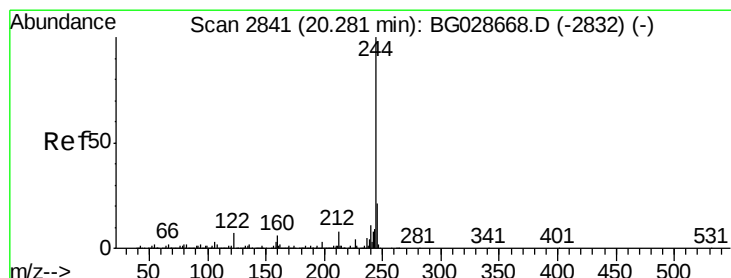
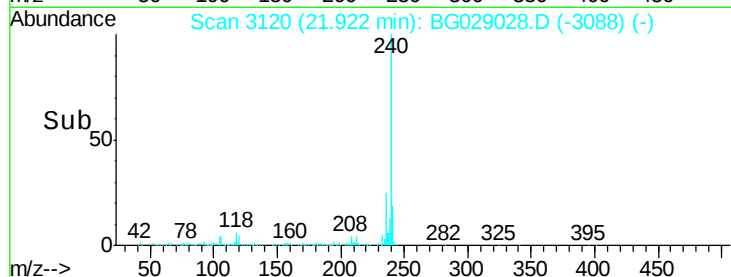
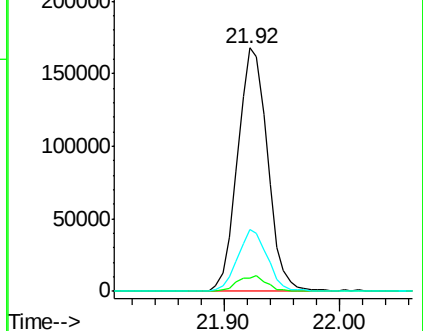
236 25.4 22.2 33.4



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: 107.70 ng

RT: 20.21 min Scan# 2828

Delta R.T. -0.07 min

Lab File: BG029028.D

Acq: 4 Oct 2017 6:31

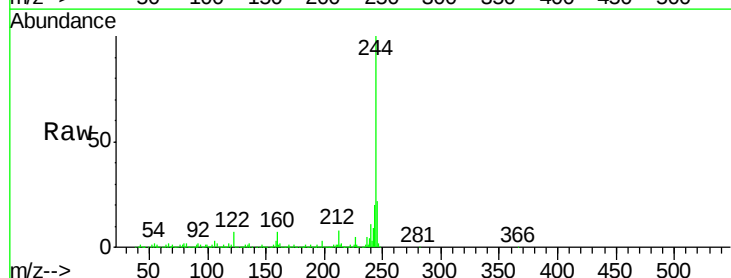
Tgt Ion:244 Resp: 1529229

Ion Ratio Lower Upper

244 100

212 7.8 10.0 15.0#

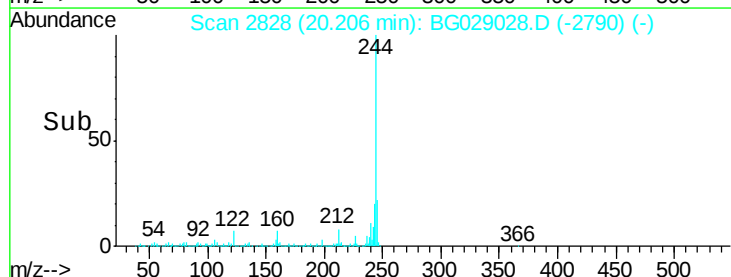
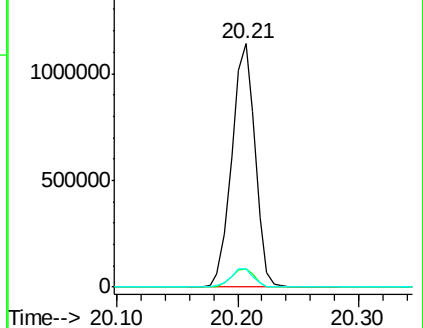
122 7.5 8.6 12.8#

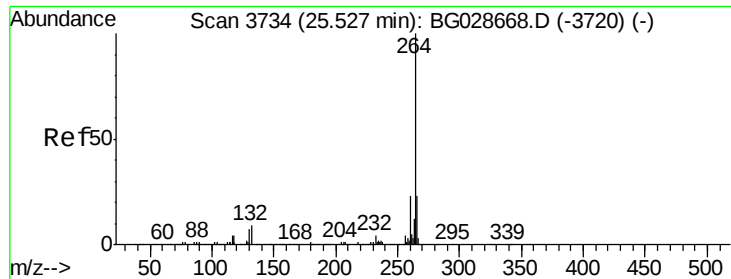


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

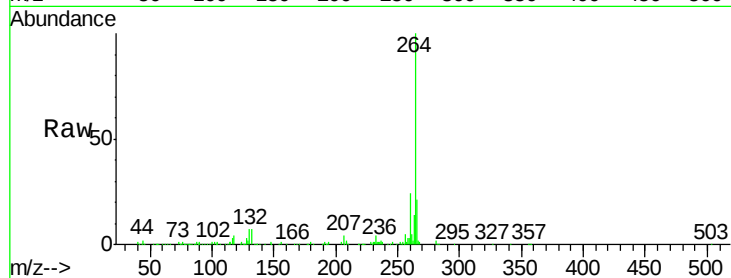




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.35 min Scan# 3703
Delta R.T. -0.18 min
Lab File: BG029028.D
Acq: 4 Oct 2017 6:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	21.8	32.8
265	21.2	18.2	27.4



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

