

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092317\
 Data File : BG028894.D
 Acq On : 23 Sep 2017 12:19
 Operator : SJ/JU
 Sample : I5321-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 25 04:07:49 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

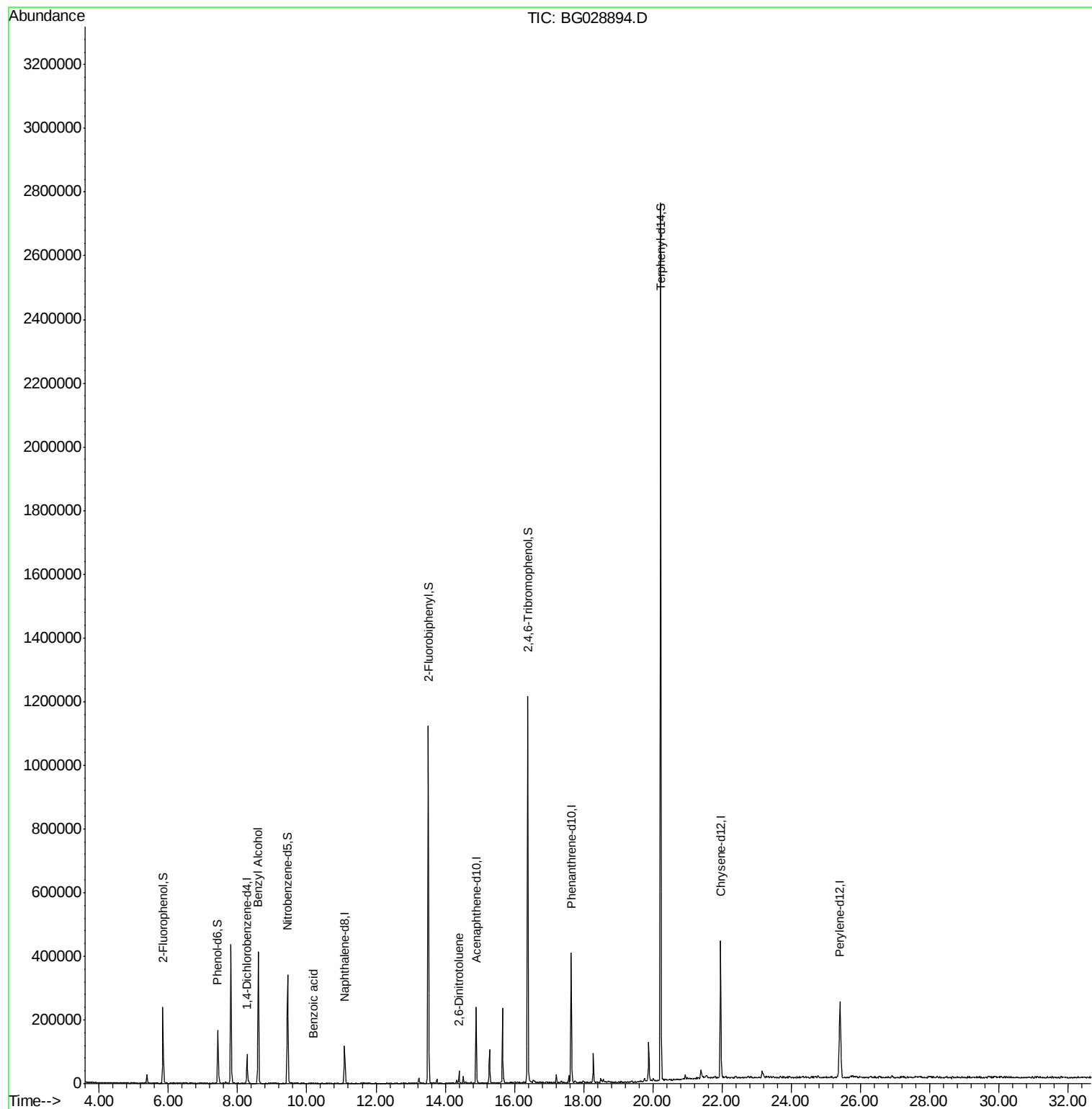
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	24767	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	106604	20.00	ng	-0.05
38) Acenaphthene-d10	14.89	164	86559	20.00	ng	-0.05
63) Phenanthrene-d10	17.64	188	258225	20.00	ng	-0.05
75) Chrysene-d12	21.96	240	296210	20.00	ng	-0.07
86) Perylene-d12	25.41	264	305052	20.00	ng	-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	5.84	112	106716	71.10	ng	-0.06
7) Phenol-d6	7.43	99	104984	46.45	ng	-0.06
23) Nitrobenzene-d5	9.45	82	220536	98.96	ng	-0.06
41) 2,4,6-Tribromophenol	16.38	330	256292	179.02	ng	-0.05
44) 2-Fluorobiphenyl	13.51	172	599963	92.42	ng	-0.05
78) Terphenyl-d14	20.23	244	1335469	96.15	ng	-0.05
Target Compounds						
15) Benzyl Alcohol	8.61	79	3720	2.11	ng	# 62
32) Benzoic acid	10.19	122	54	6.12	ng	# 1
50) 2,6-Dinitrotoluene	14.40	165	5680	3.52	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: BG028894.D

Acq: 23 Sep 2017 12:19

Instrument :

BNA_G

ClientSampleId :

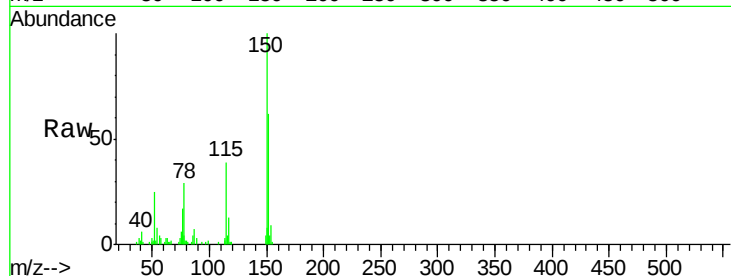
Tot Ion:152 Resp: 24767

Ion Ratio Lower Upper

152 100

150 160.7 114.0 171.0

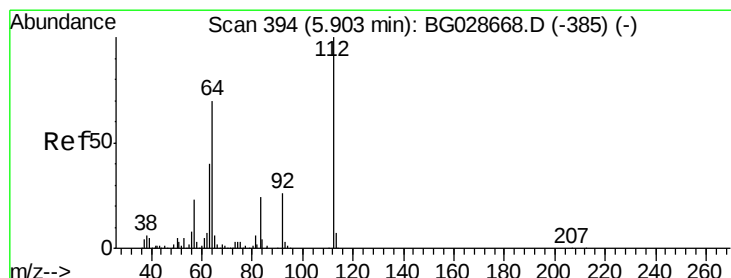
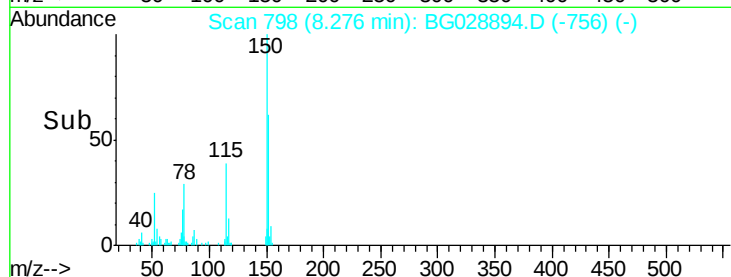
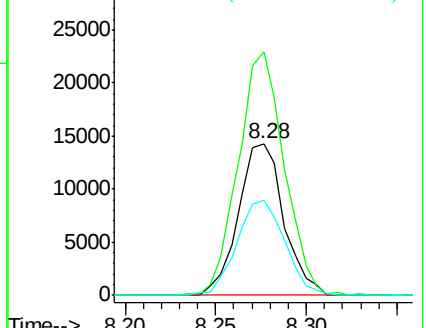
115 62.7 48.1 72.1



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: 71.10 ng

RT: 5.84 min Scan# 384

Delta R.T. -0.06 min

Lab File: BG028894.D

Acq: 23 Sep 2017 12:19

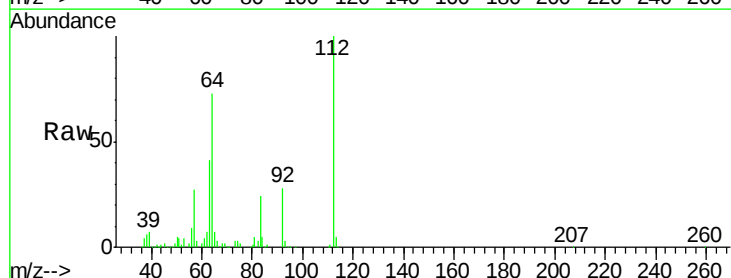
Tgt Ion:112 Resp: 106716

Ion Ratio Lower Upper

112 100

64 73.4 61.8 92.6

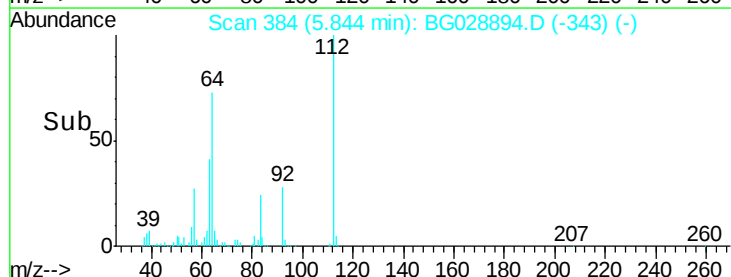
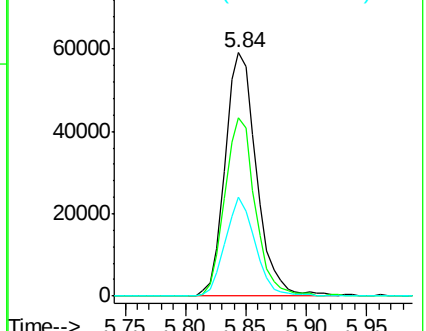
63 40.7 37.2 55.8

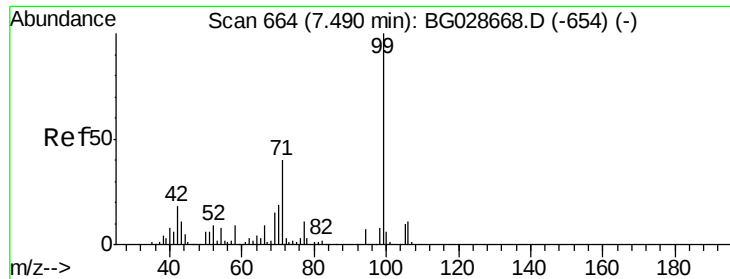


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 46.45 ng

RT: 7.43 min Scan# 654

Delta R.T. -0.06 min

Lab File: BG028894.D

Acq: 23 Sep 2017 12:19

Instrument :

BNA_G

ClientSampleId :

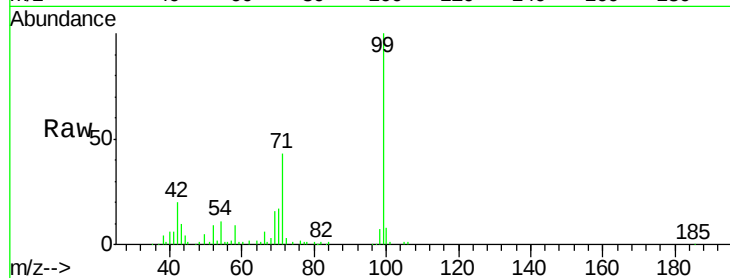
Tot Ion: 99 Resp: 104984

Ion Ratio Lower Upper

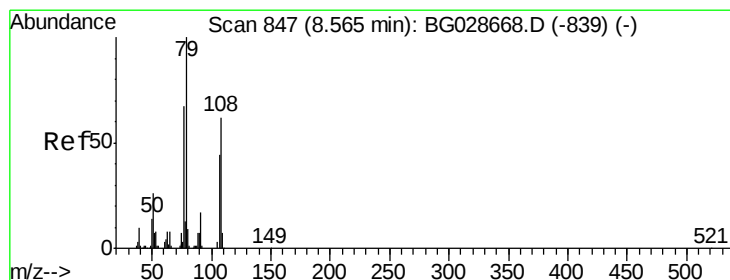
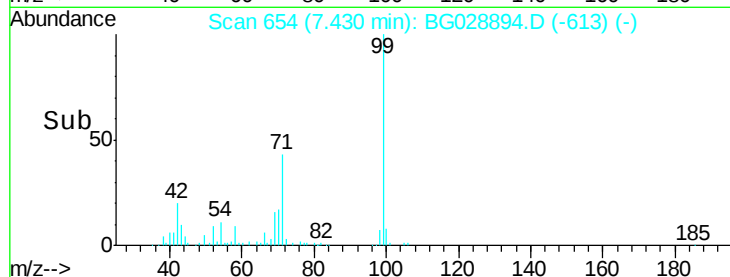
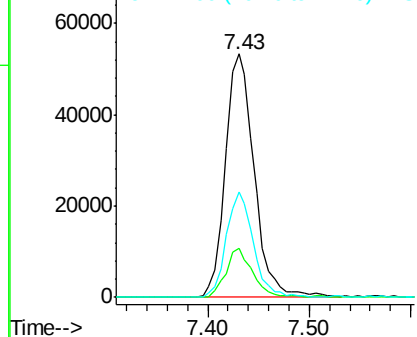
99 100

42 20.1 20.5 30.7#

71 43.1 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: 2.11 ng

RT: 8.61 min Scan# 854

Delta R.T. 0.04 min

Lab File: BG028894.D

Acq: 23 Sep 2017 12:19

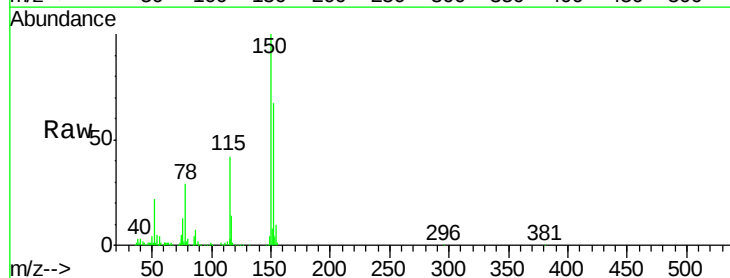
Tgt Ion: 79 Resp: 3720

Ion Ratio Lower Upper

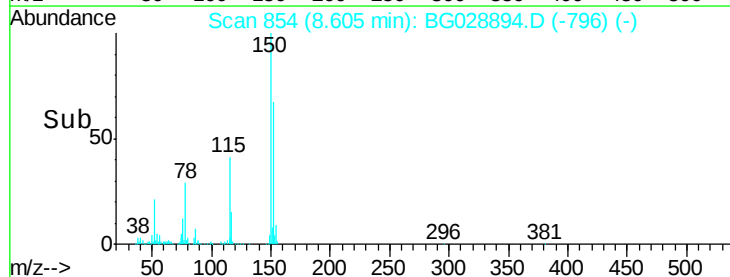
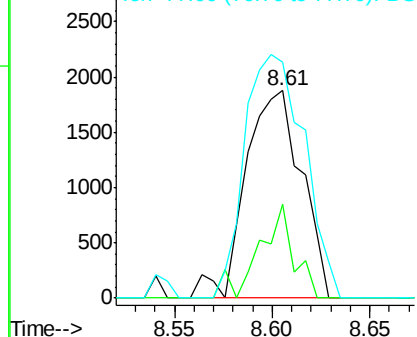
79 100

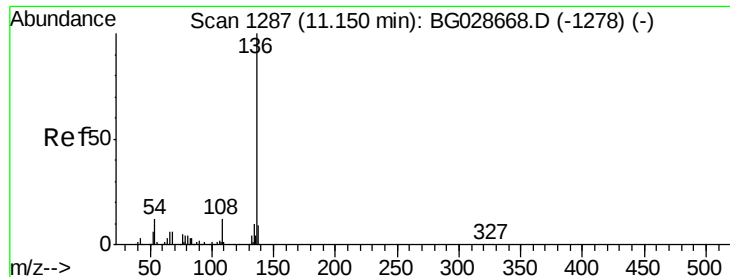
108 45.2 45.5 68.3#

77 113.6 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

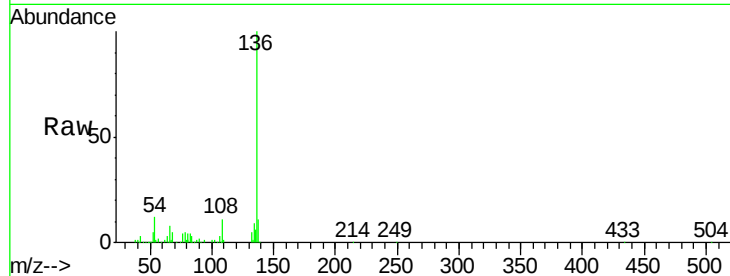




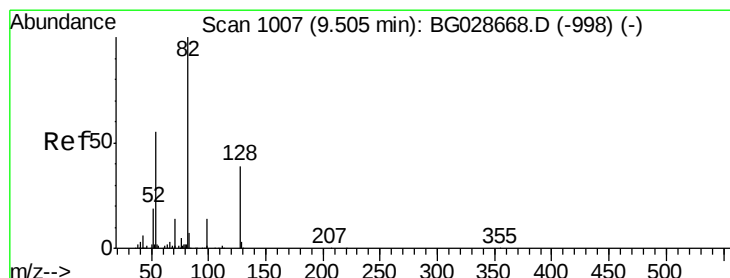
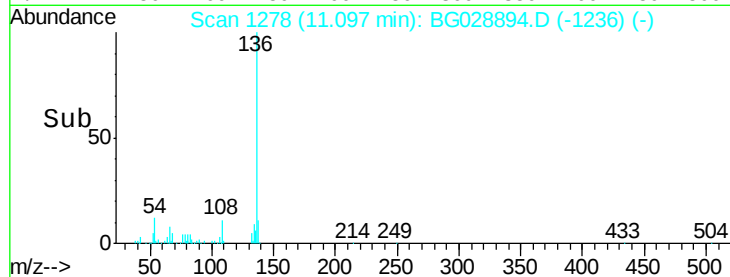
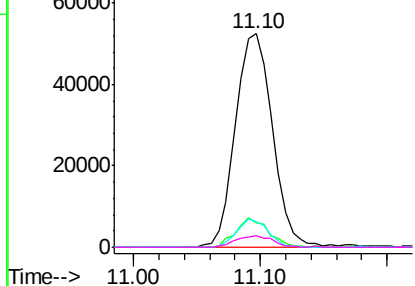
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.10 min Scan# 1278
Delta R.T. -0.05 min
Lab File: BG028894.D
Acq: 23 Sep 2017 12:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	106604
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.9 13.3
54	11.9	9.3 13.9
68	5.2	5.1 7.7

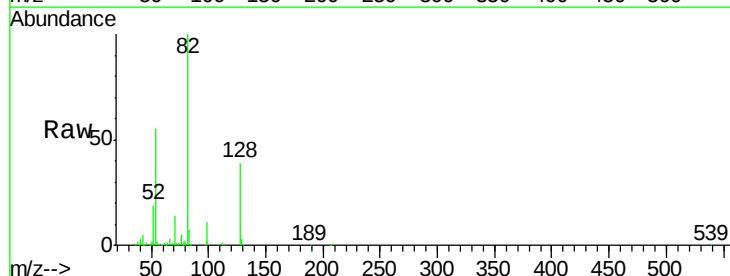


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

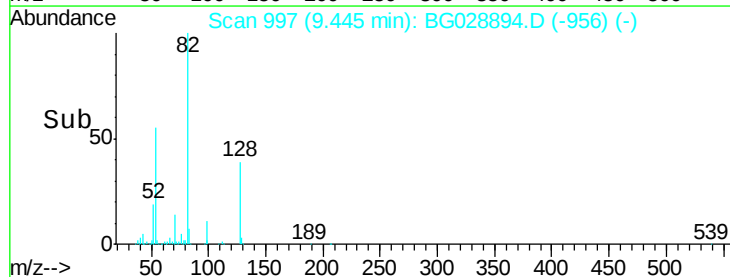
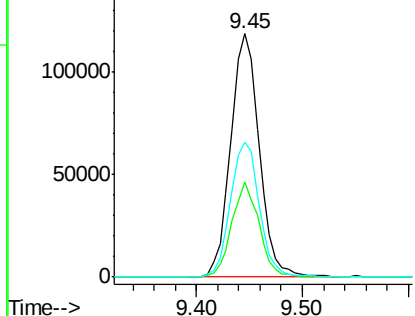


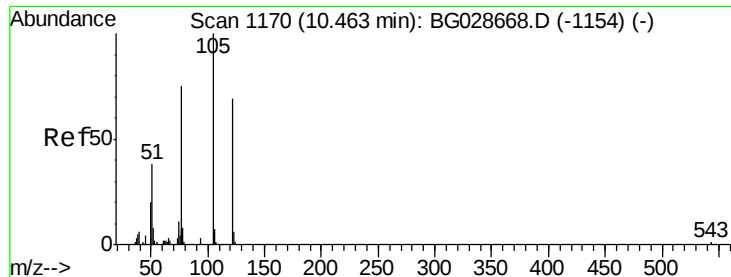
#23
Nitrobenzene-d5
Concen: 98.96 ng
RT: 9.45 min Scan# 997
Delta R.T. -0.06 min
Lab File: BG028894.D
Acq: 23 Sep 2017 12:19

Tgt Ion: 82	Resp:	220536
Ion Ratio	Lower	Upper
82	100	
128	39.3	26.4 39.6
54	55.2	49.4 74.2



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

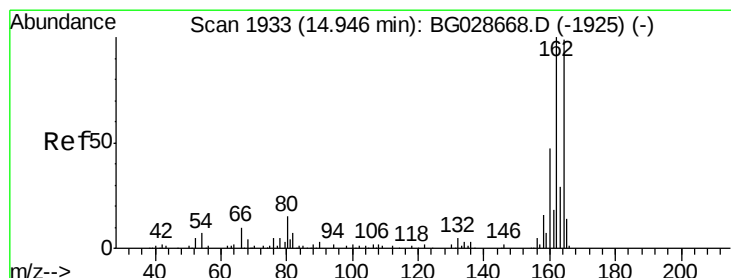
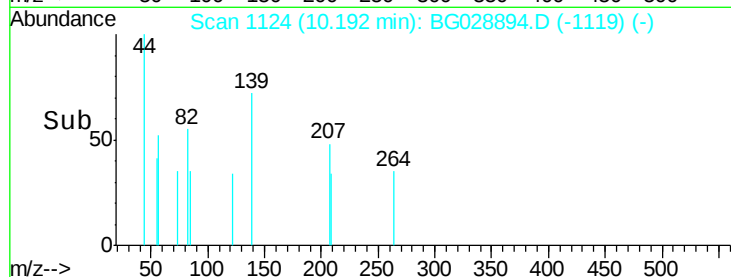
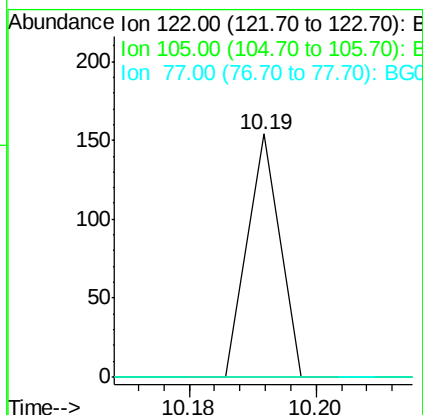
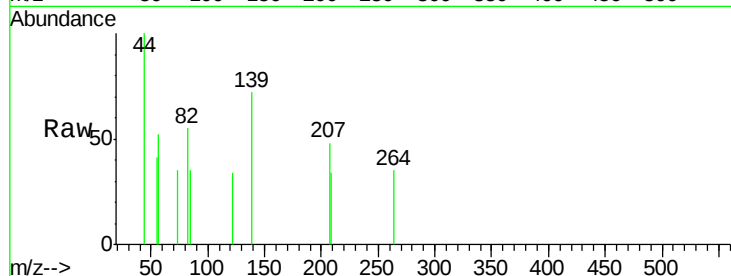




#32
Benzoic acid
Concen: 6.12 ng
RT: 10.19 min Scan# 1124
Delta R.T. -0.27 min
Lab File: BG028894.D
Acq: 23 Sep 2017 12:19

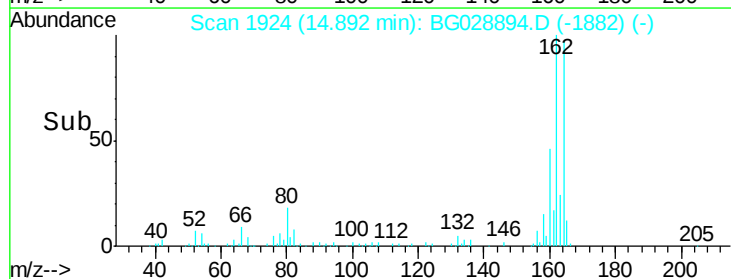
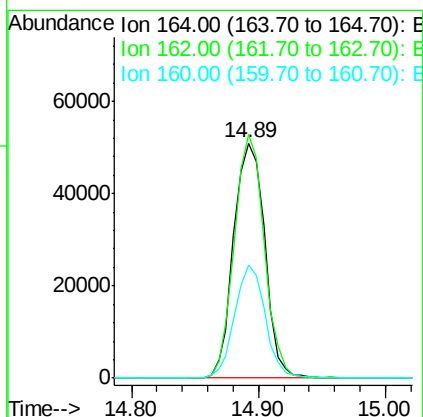
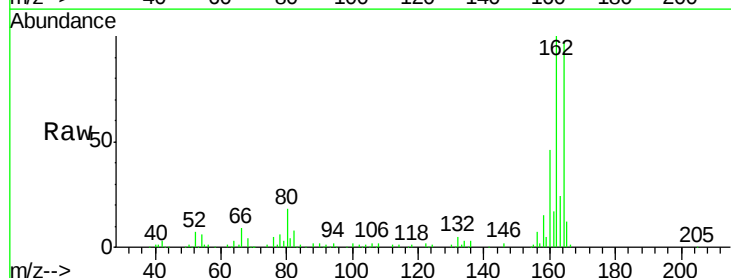
Instrument :
BNA_G
ClientSampleId :

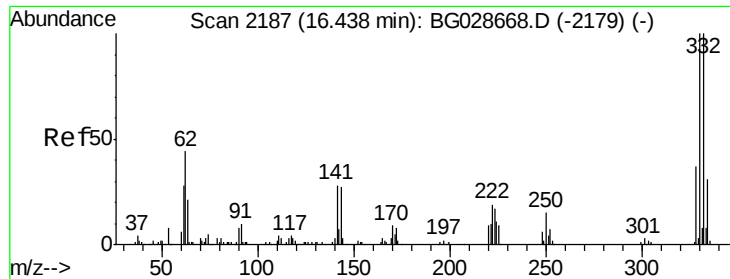
Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	120.1	160.1#
77	0.0	104.6	144.6#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.89 min Scan# 1924
Delta R.T. -0.05 min
Lab File: BG028894.D
Acq: 23 Sep 2017 12:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	85.1	127.7
160	48.0	34.7	52.1

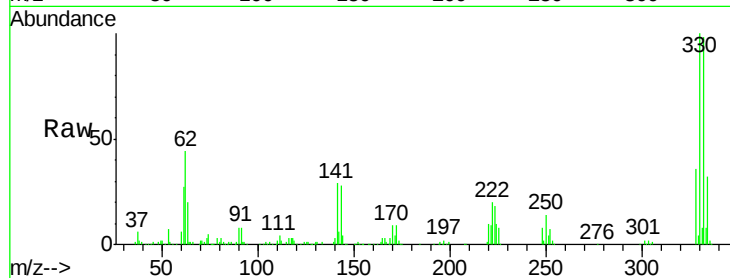




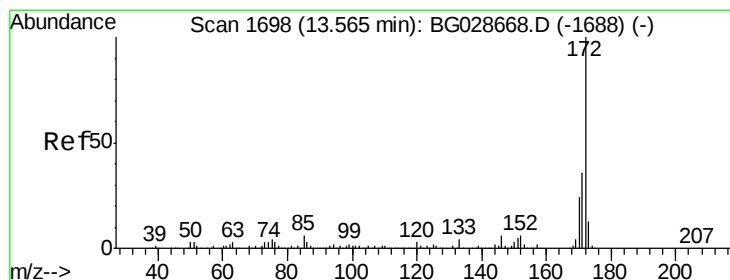
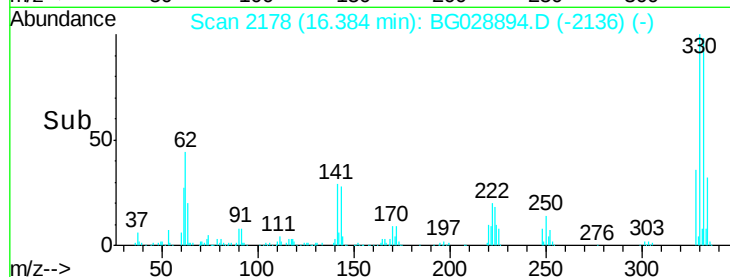
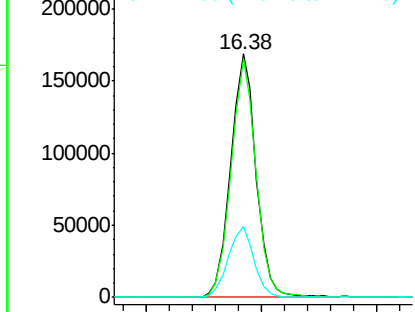
#41
 2,4,6-Tribromophenol
 Concen: 179.02 ng
 RT: 16.38 min Scan# 2178
 Delta R.T. -0.05 min
 Lab File: BG028894.D
 Acq: 23 Sep 2017 12:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.3	115.9
141	29.3	32.1	48.1#

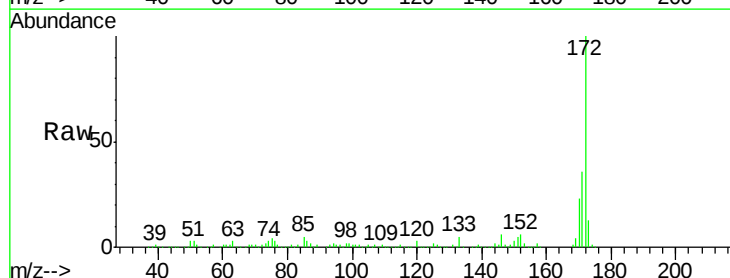


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

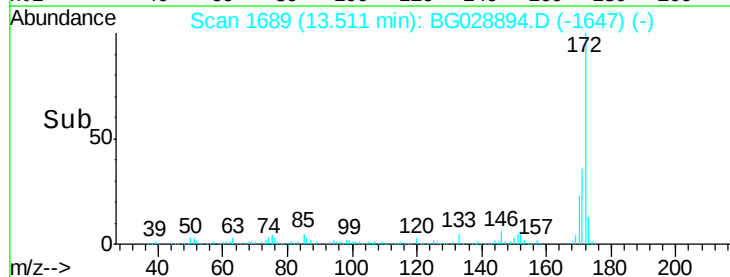
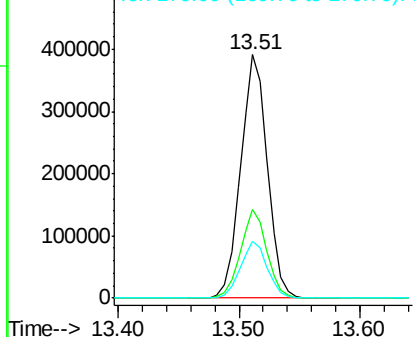


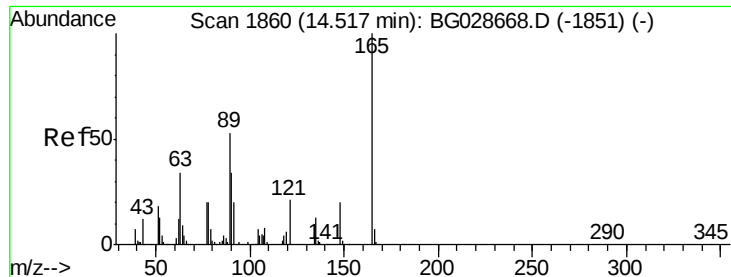
#44
 2-Fluorobiphenyl
 Concen: 92.42 ng
 RT: 13.51 min Scan# 1689
 Delta R.T. -0.05 min
 Lab File: BG028894.D
 Acq: 23 Sep 2017 12:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	32.2	48.2
170	23.4	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

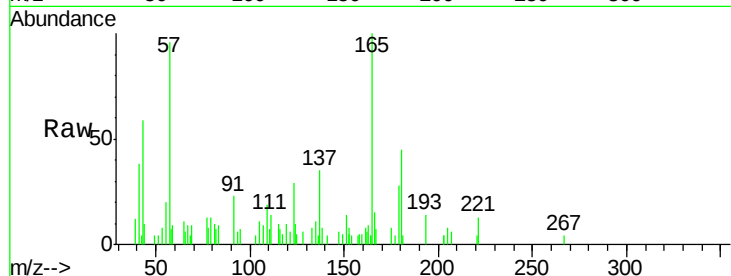




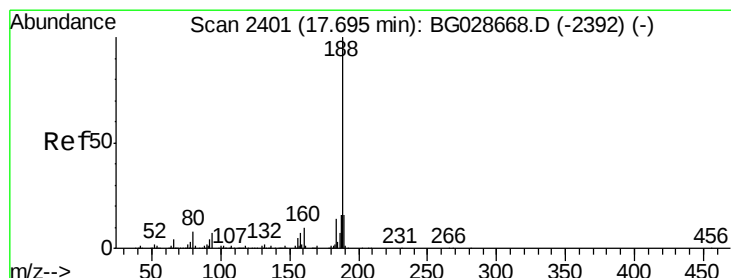
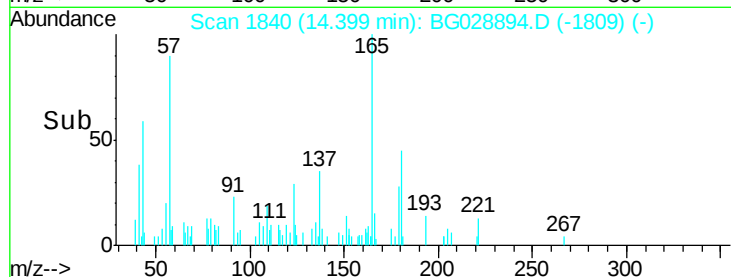
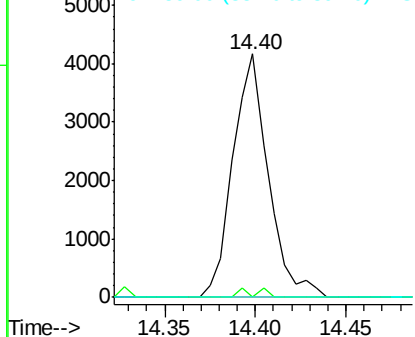
#50
 2,6-Dinitrotoluene
 Concen: 3.52 ng
 RT: 14.40 min Scan# 1840
 Delta R.T. -0.12 min
 Lab File: BG028894.D
 Acq: 23 Sep 2017 12:19

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165 Resp: 5680
 Ion Ratio Lower Upper
 165 100
 63 0.0 63.9 95.9#
 89 0.0 58.6 88.0#

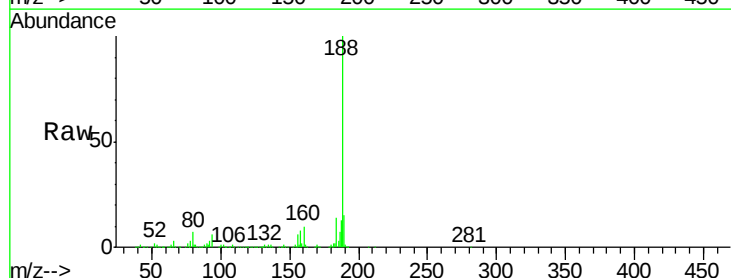


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

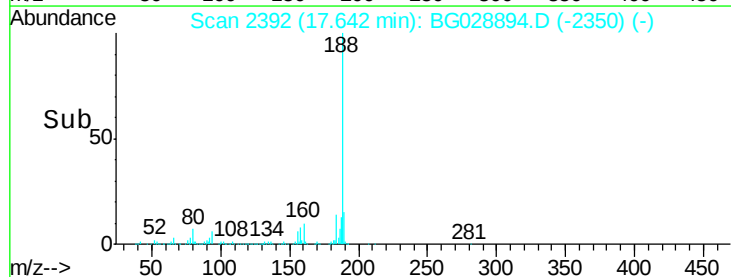
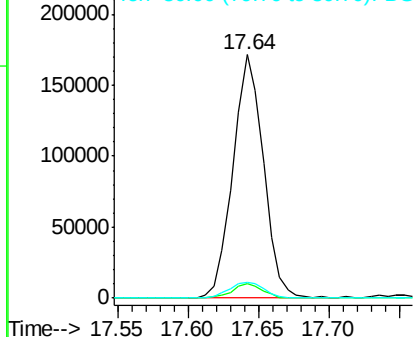


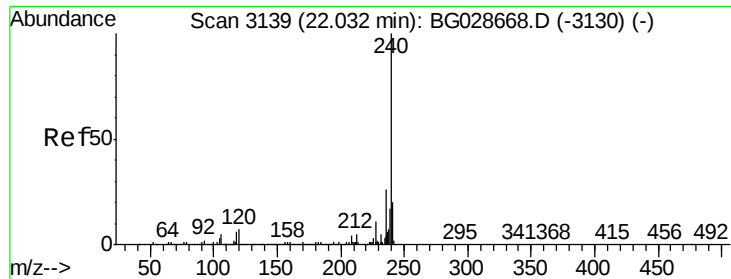
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.64 min Scan# 2392
 Delta R.T. -0.05 min
 Lab File: BG028894.D
 Acq: 23 Sep 2017 12:19

Tgt Ion:188 Resp: 258225
 Ion Ratio Lower Upper
 188 100
 94 5.9 5.8 8.8
 80 6.6 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: 21.96 min Scan# 3127

Delta R.T. -0.07 min

Lab File: BG028894.D

Acq: 23 Sep 2017 12:19

Instrument :

BNA_G

ClientSampleId :

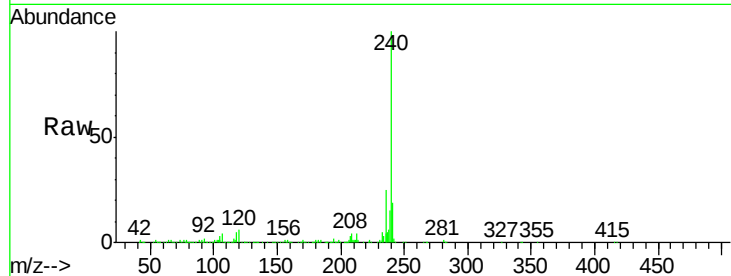
Tot Ion:240 Resp: 296210

Ion Ratio Lower Upper

240 100

120 5.9 5.7 8.5

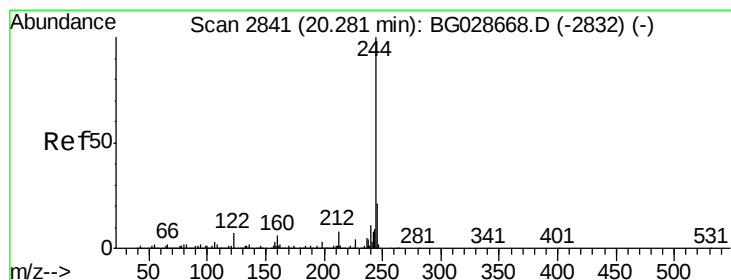
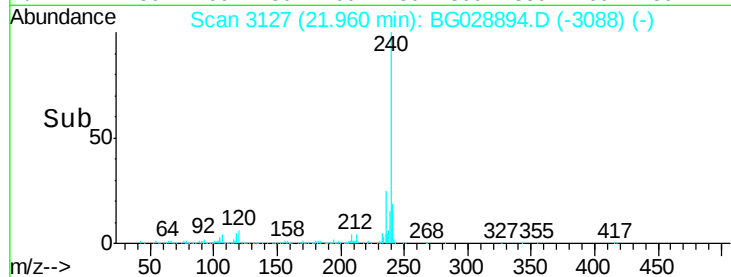
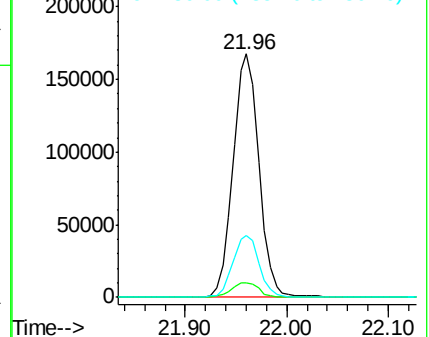
236 25.2 22.2 33.4



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: 96.15 ng

RT: 20.23 min Scan# 2833

Delta R.T. -0.05 min

Lab File: BG028894.D

Acq: 23 Sep 2017 12:19

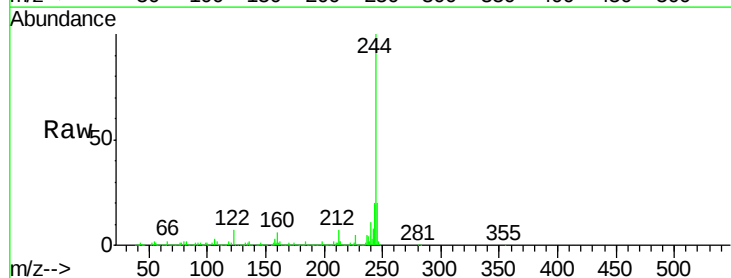
Tgt Ion:244 Resp: 1335469

Ion Ratio Lower Upper

244 100

212 7.5 10.0 15.0#

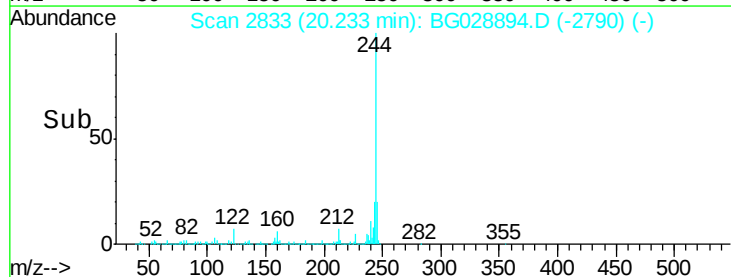
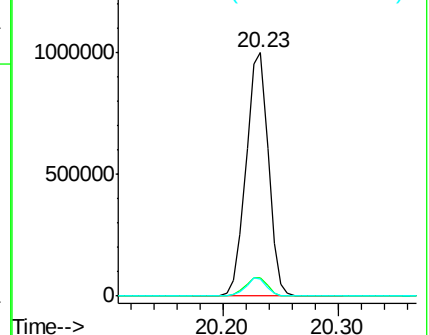
122 6.9 8.6 12.8#

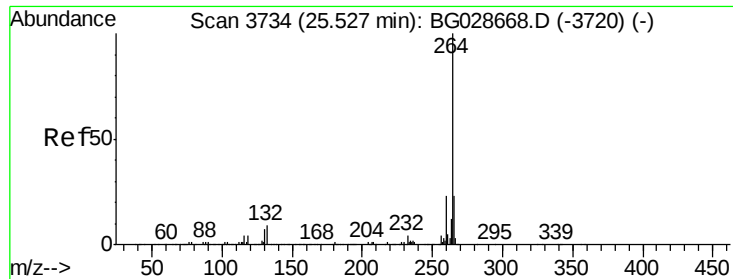


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

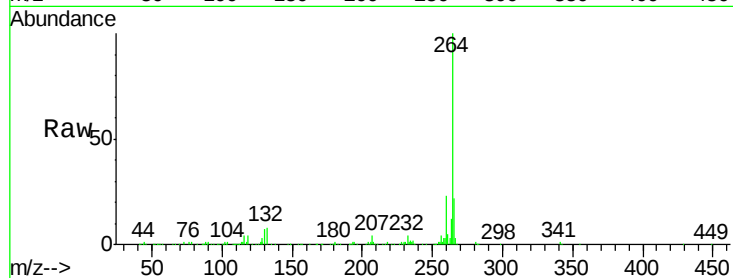




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.41 min Scan# 3714
 Delta R.T. -0.12 min
 Lab File: BG028894.D
 Acq: 23 Sep 2017 12:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	21.8	32.8
265	21.7	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

