

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092317\
 Data File : BG028893.D
 Acq On : 23 Sep 2017 11:40
 Operator : SJ/JU
 Sample : I5321-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 25 00:56:32 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

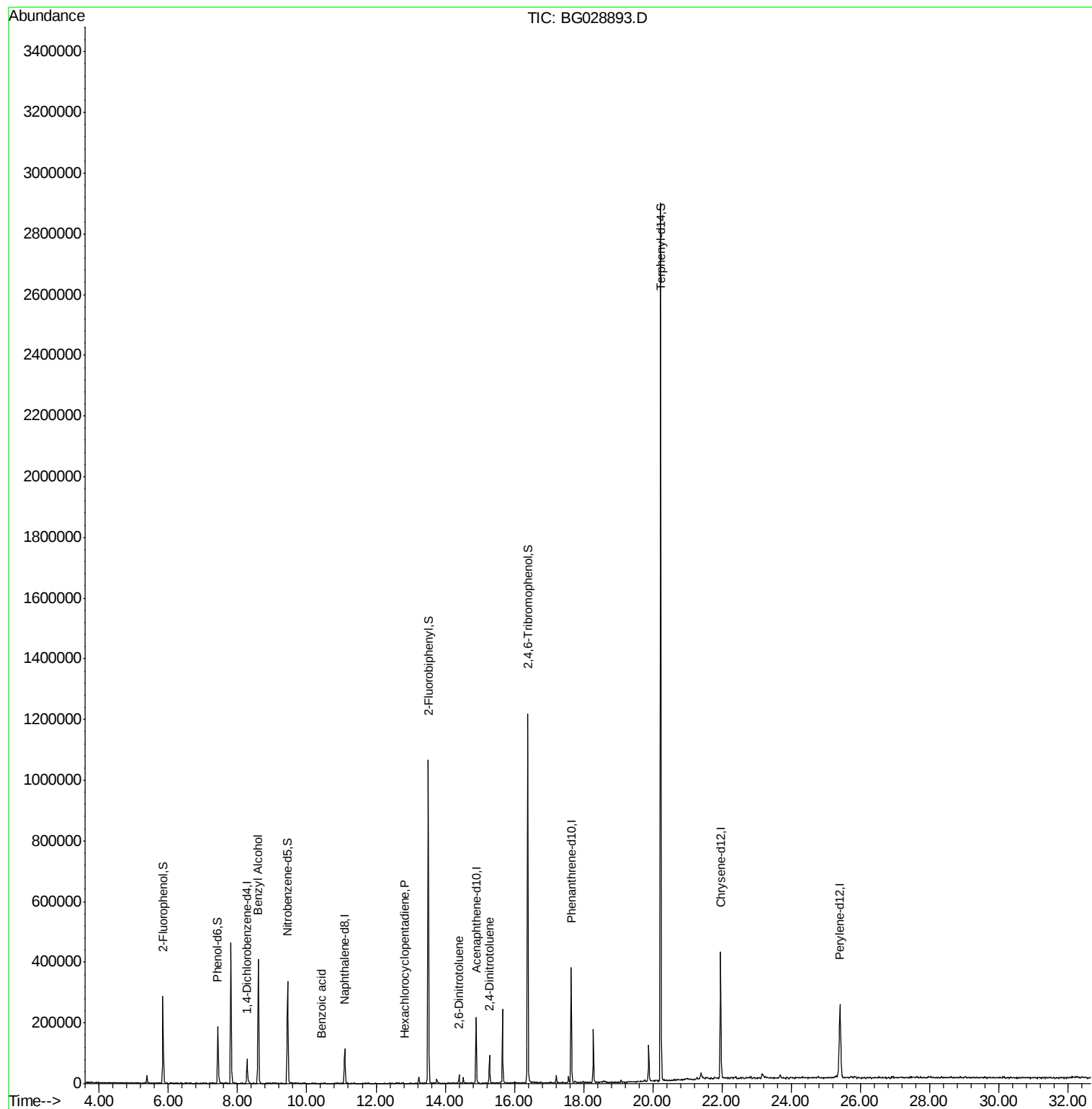
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	25951	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	100411	20.00	ng	-0.05
38) Acenaphthene-d10	14.89	164	77004	20.00	ng	-0.05
63) Phenanthrene-d10	17.64	188	241714	20.00	ng	-0.05
75) Chrysene-d12	21.96	240	285147	20.00	ng	-0.07
86) Perylene-d12	25.41	264	301743	20.00	ng	-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	5.84	112	125721	79.94	ng	-0.06
7) Phenol-d6	7.43	99	114767	48.47	ng	-0.06
23) Nitrobenzene-d5	9.45	82	219369	104.51	ng	-0.06
41) 2,4,6-Tribromophenol	16.38	330	255095	200.29	ng	-0.05
44) 2-Fluorobiphenyl	13.51	172	579264	100.31	ng	-0.05
78) Terphenyl-d14	20.23	244	1384610	103.55	ng	-0.05
Target Compounds						
15) Benzyl Alcohol	8.60	79	3960	2.14	ng	# 72
32) Benzoic acid	10.42	122	64	6.13	ng	# 1
40) Hexachlorocyclopentadiene	12.83	237	101	7.68	ng	# 29
50) 2,6-Dinitrotoluene	14.40	165	4503	3.13	ng	# 11
56) 2,4-Dinitrotoluene	15.28	165	4314	2.14	ng	# 16

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

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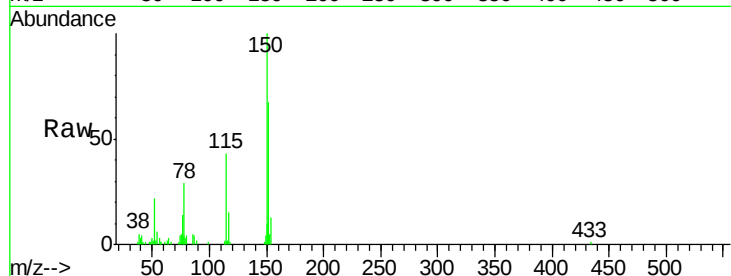


#1

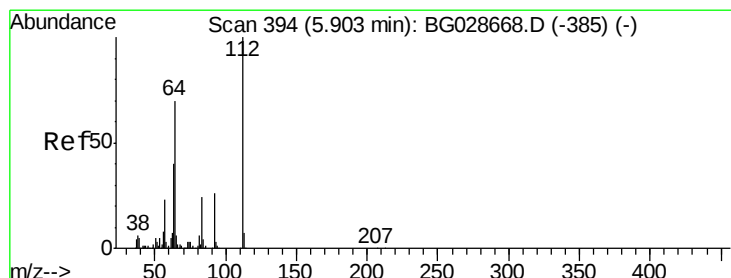
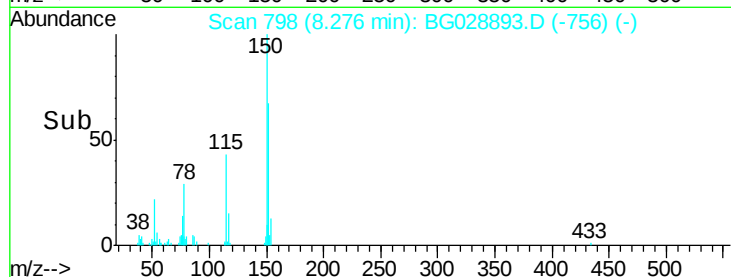
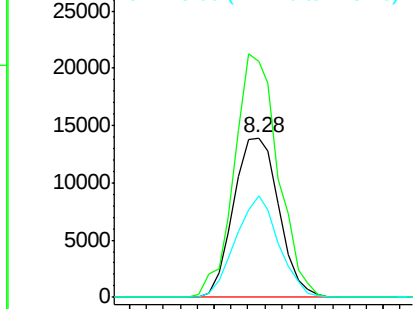
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.28 min Scan# 798
Delta R.T. -0.05 min
Lab File: BG028893.D
Acq: 23 Sep 2017 11:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 25951
Ion Ratio Lower Upper
152 100
150 148.4 114.0 171.0
115 63.4 48.1 72.1



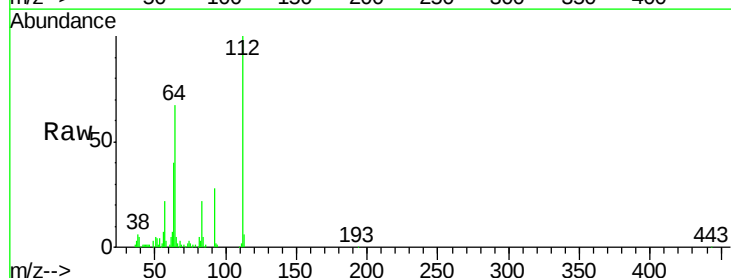
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



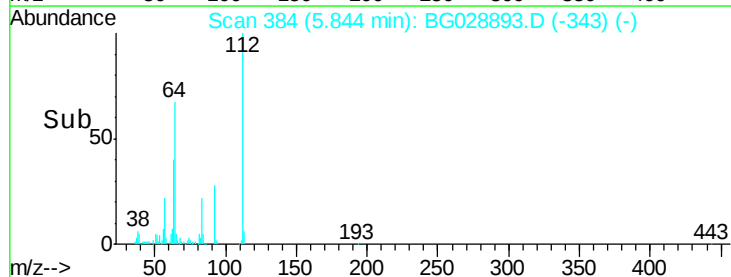
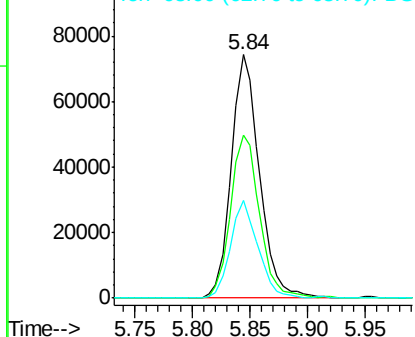
#5

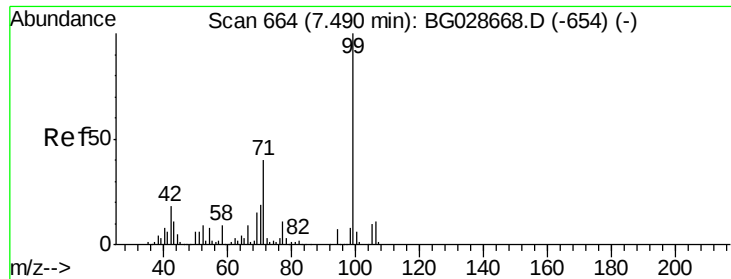
2-Fluorophenol
Concen: 79.94 ng
RT: 5.84 min Scan# 384
Delta R.T. -0.06 min
Lab File: BG028893.D
Acq: 23 Sep 2017 11:40

Tgt Ion:112 Resp: 125721
Ion Ratio Lower Upper
112 100
64 66.7 61.8 92.6
63 40.3 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: 48.47 ng

RT: 7.43 min Scan# 654

Delta R.T. -0.06 min

Lab File: BG028893.D

Acq: 23 Sep 2017 11:40

Instrument :

BNA_G

ClientSampleId :

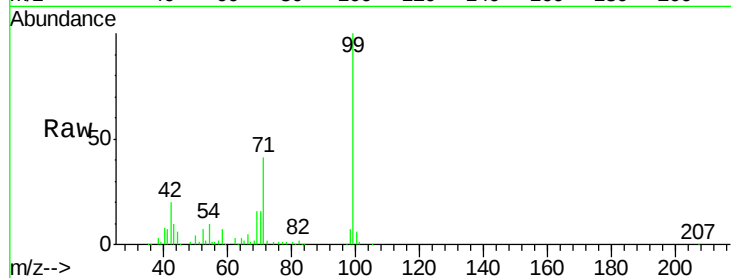
Tot Ion: 99 Resp: 114767

Ion Ratio Lower Upper

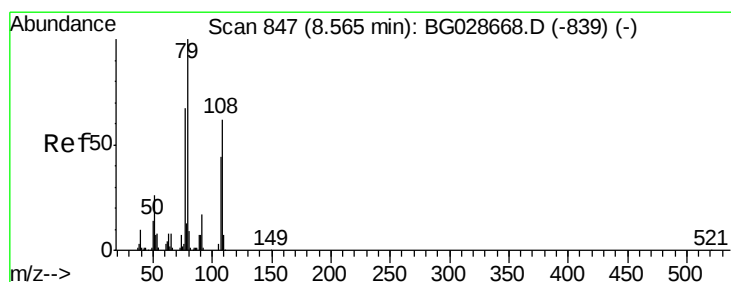
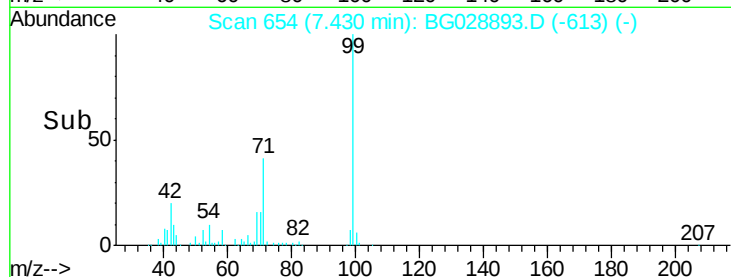
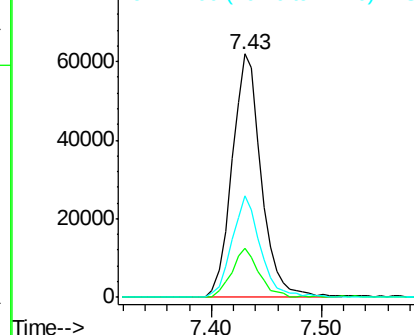
99 100

42 20.0 20.5 30.7#

71 41.5 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: 2.14 ng

RT: 8.60 min Scan# 853

Delta R.T. 0.03 min

Lab File: BG028893.D

Acq: 23 Sep 2017 11:40

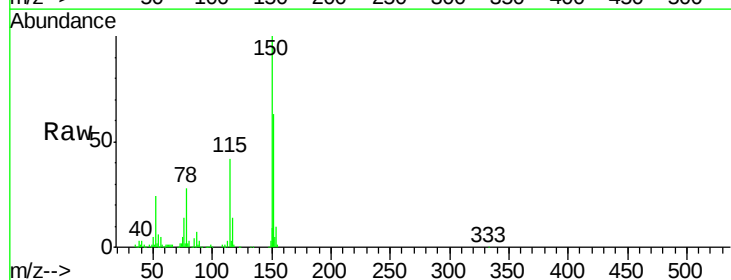
Tgt Ion: 79 Resp: 3960

Ion Ratio Lower Upper

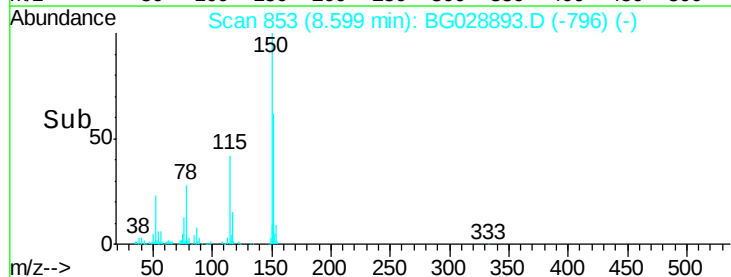
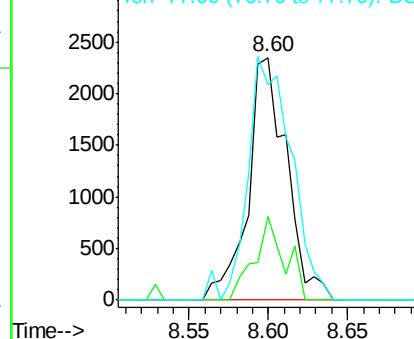
79 100

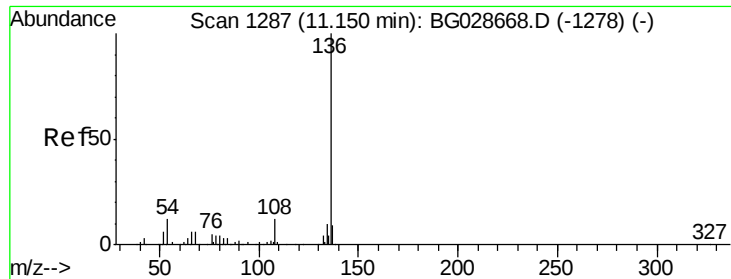
108 34.6 45.5 68.3#

77 88.7 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

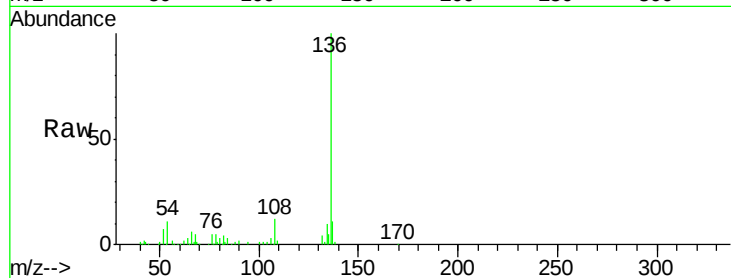




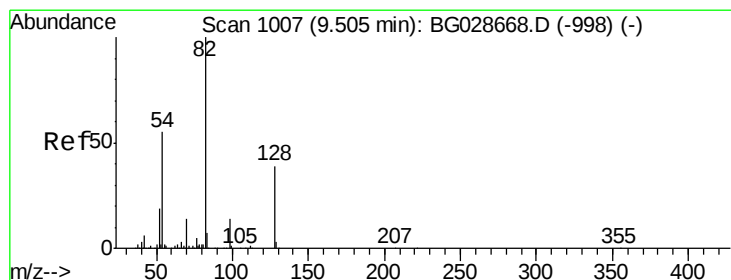
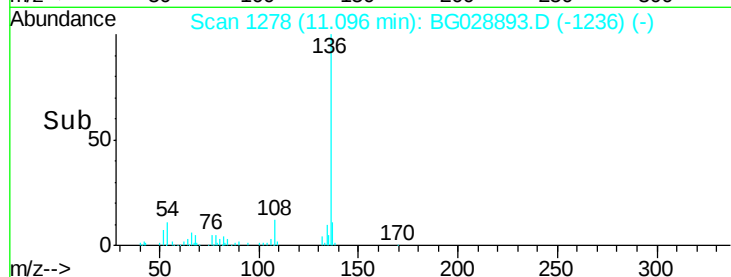
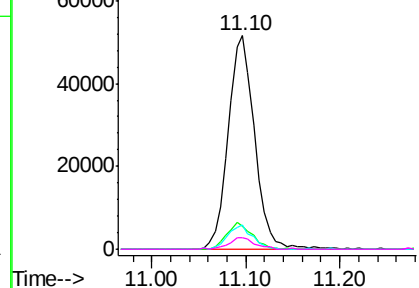
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.10 min Scan# 1278
Delta R.T. -0.05 min
Lab File: BG028893.D
Acq: 23 Sep 2017 11:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	100411
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.9 13.3
54	11.4	9.3 13.9
68	5.4	5.1 7.7

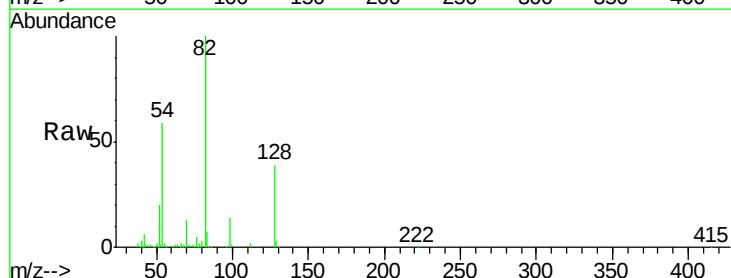


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

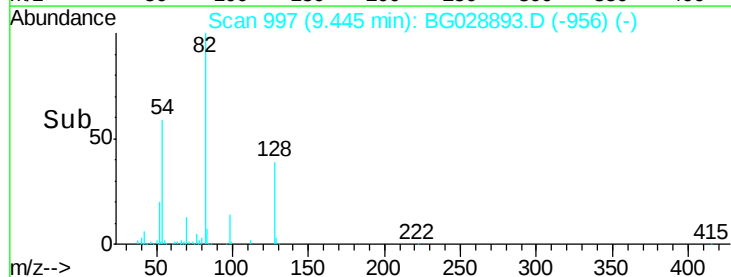
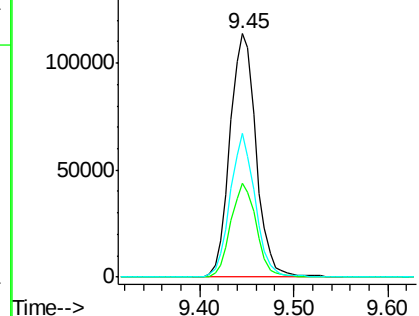


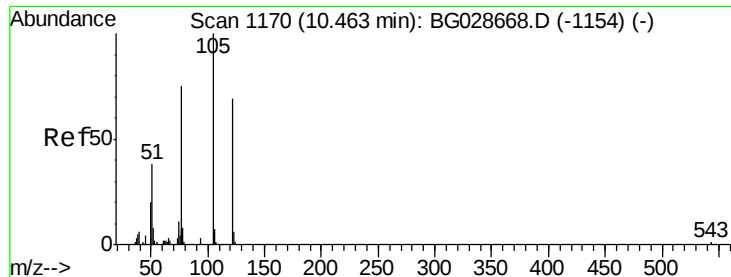
#23
Nitrobenzene-d5
Concen: 104.51 ng
RT: 9.45 min Scan# 997
Delta R.T. -0.06 min
Lab File: BG028893.D
Acq: 23 Sep 2017 11:40

Tgt Ion: 82	Resp:	219369
Ion	Ratio	Lower Upper
82	100	
128	38.7	26.4 39.6
54	59.1	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

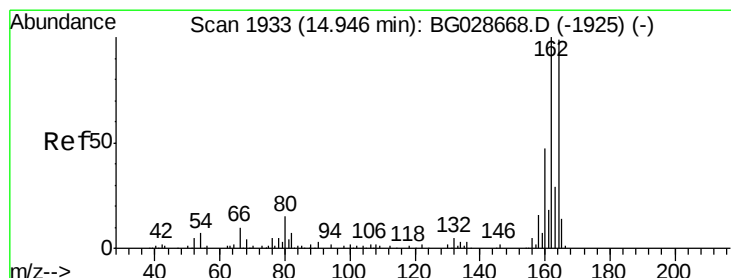
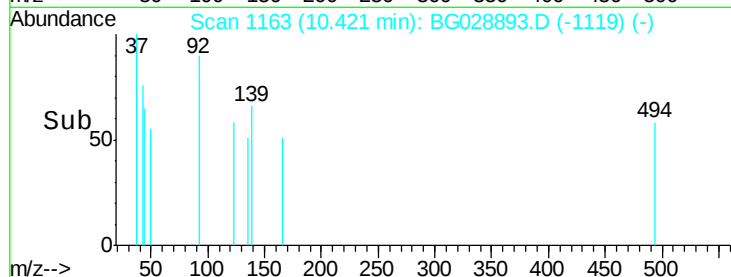
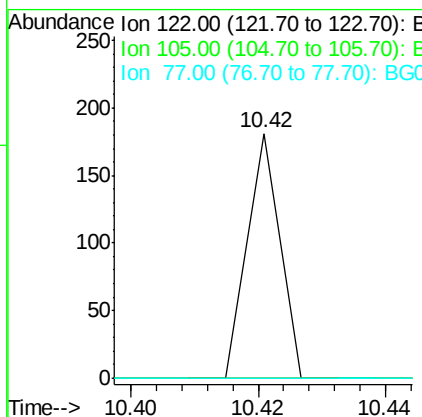
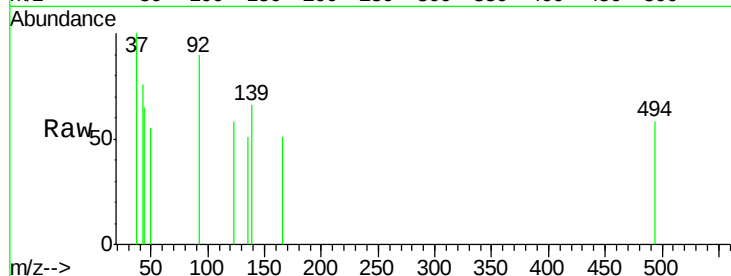




#32
Benzoic acid
Concen: 6.13 ng
RT: 10.42 min Scan# 1163
Delta R.T. -0.04 min
Lab File: BG028893.D
Acq: 23 Sep 2017 11:40

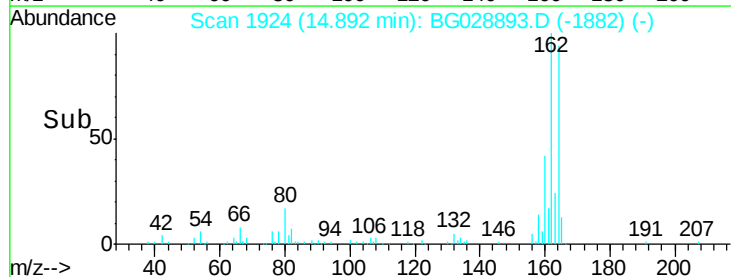
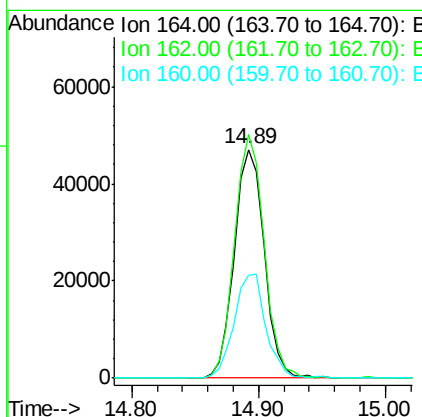
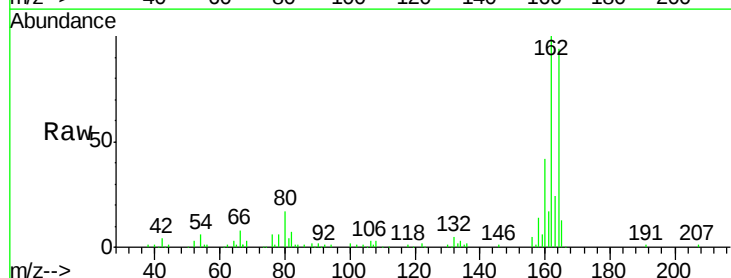
Instrument :
BNA_G
ClientSampled :

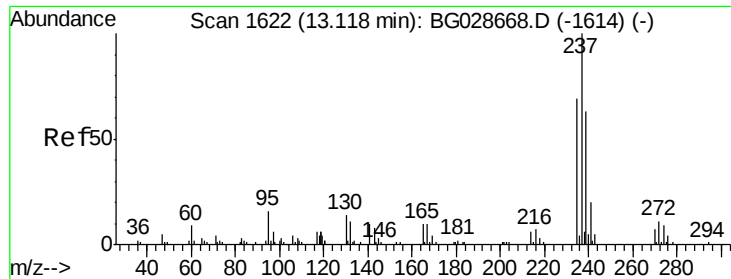
Tot Ion:122 Resp: 64
Ion Ratio Lower Upper
122 100
105 0.0 120.1 160.1#
77 0.0 104.6 144.6#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.89 min Scan# 1924
Delta R.T. -0.05 min
Lab File: BG028893.D
Acq: 23 Sep 2017 11:40

Tgt Ion:164 Resp: 77004
Ion Ratio Lower Upper
164 100
162 106.4 85.1 127.7
160 44.9 34.7 52.1





#40

Hexachlorocyclopentadiene

Concen: 7.68 ng

RT: 12.83 min Scan# 1573

Delta R.T. -0.29 min

Lab File: BG028893.D

Acq: 23 Sep 2017 11:40

Instrument :

BNA_G

ClientSampled :

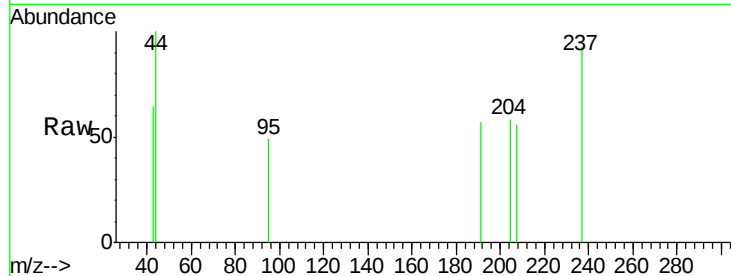
Tot Ion:237 Resp: 101

Ion Ratio Lower Upper

237 100

235 0.0 39.4 79.4#

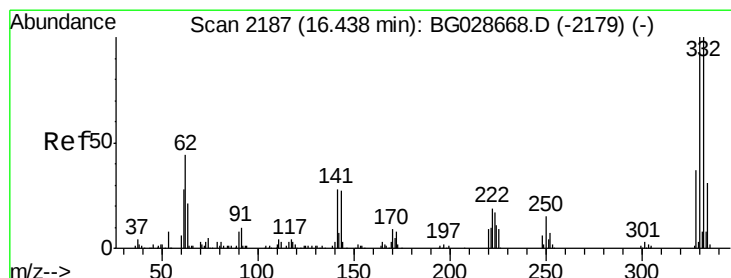
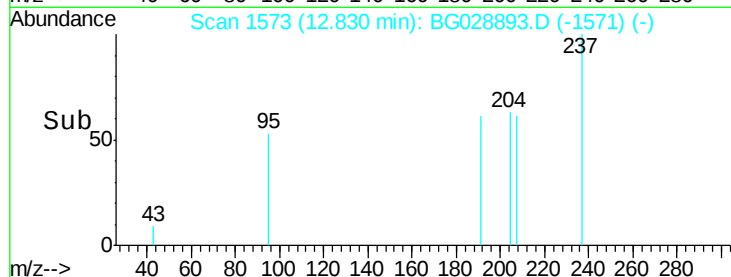
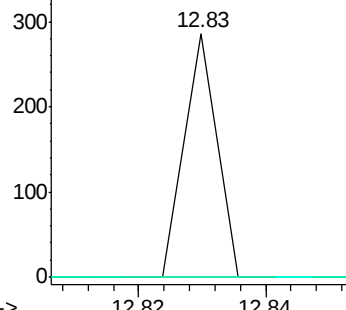
272 0.0 0.0 32.0



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: 200.29 ng

RT: 16.38 min Scan# 2178

Delta R.T. -0.05 min

Lab File: BG028893.D

Acq: 23 Sep 2017 11:40

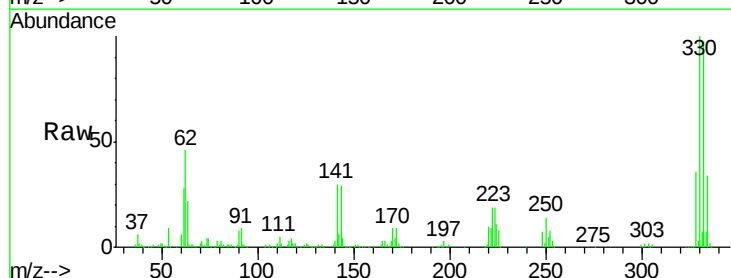
Tgt Ion:330 Resp: 255095

Ion Ratio Lower Upper

330 100

332 97.3 77.3 115.9

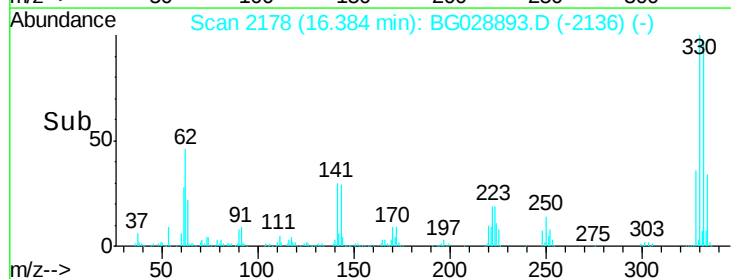
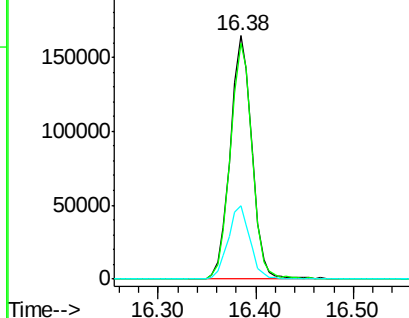
141 30.3 32.1 48.1#

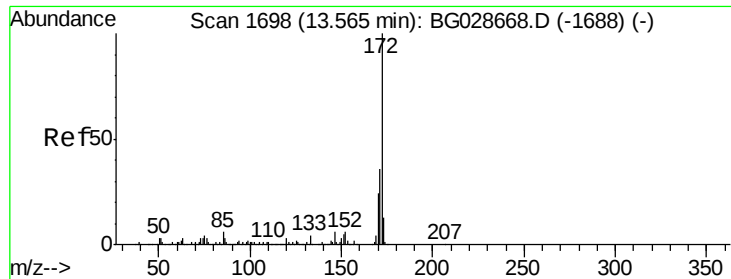


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

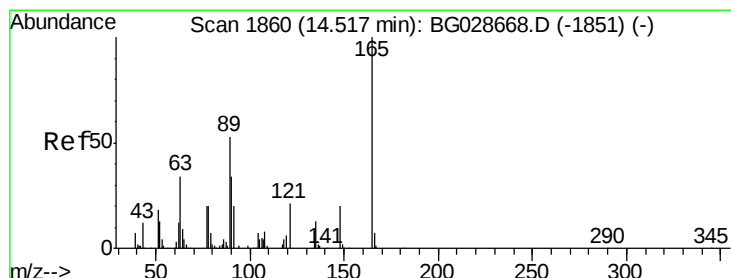
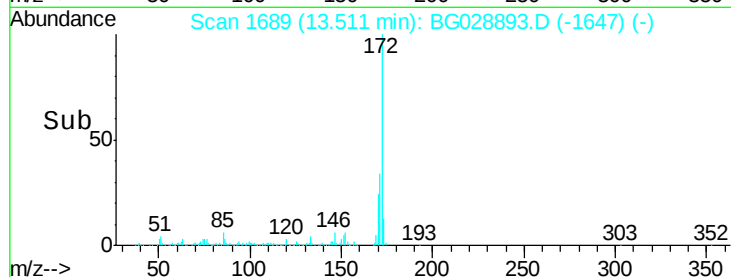
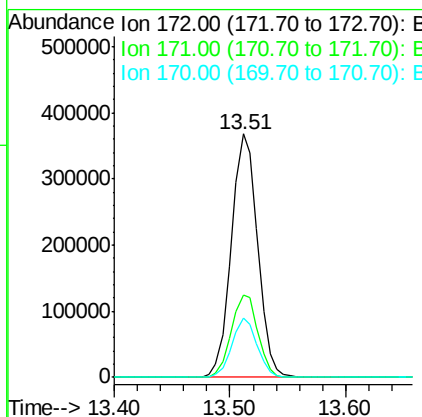
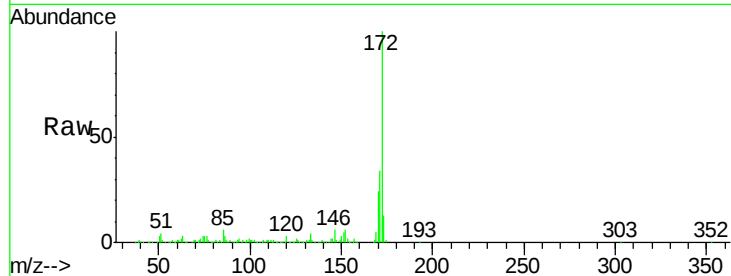




#44
2-Fluorobiphenyl
Concen: 100.31 ng
RT: 13.51 min Scan# 1689
Delta R.T. -0.05 min
Lab File: BG028893.D
Acq: 23 Sep 2017 11:40

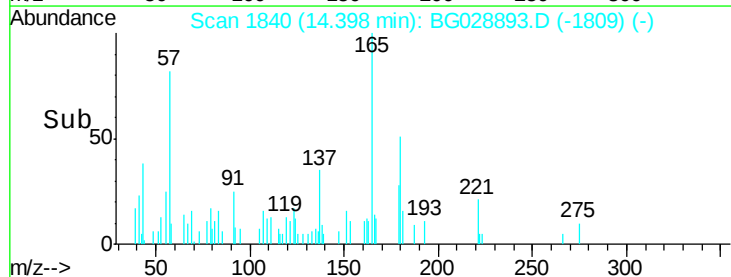
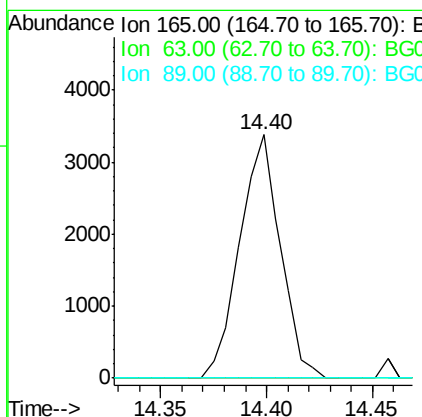
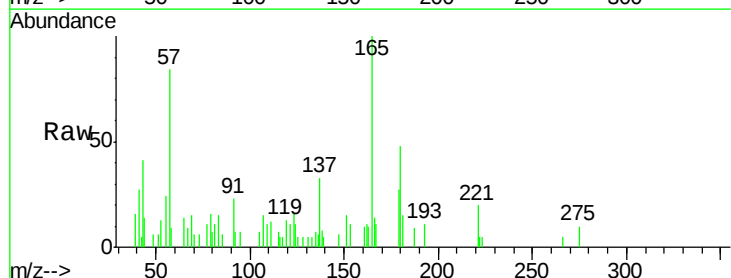
Instrument :
BNA_G
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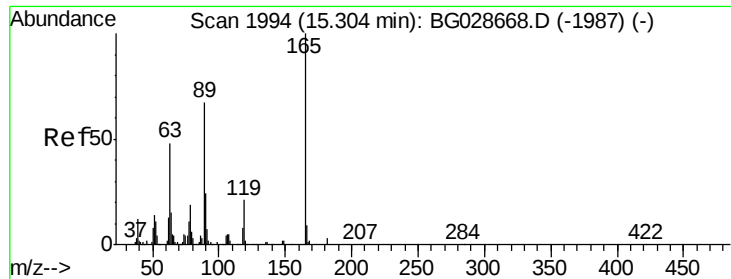
Tot Ion:172 Resp: 579264
Ion Ratio Lower Upper
172 100
171 33.9 32.2 48.2
170 24.1 21.8 32.6



#50
2,6-Dinitrotoluene
Concen: 3.13 ng
RT: 14.40 min Scan# 1840
Delta R.T. -0.12 min
Lab File: BG028893.D
Acq: 23 Sep 2017 11:40

Tgt Ion:165 Resp: 4503
Ion Ratio Lower Upper
165 100
63 0.0 63.9 95.9#
89 0.0 58.6 88.0#

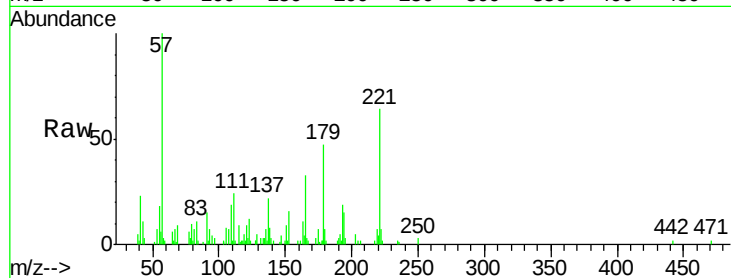




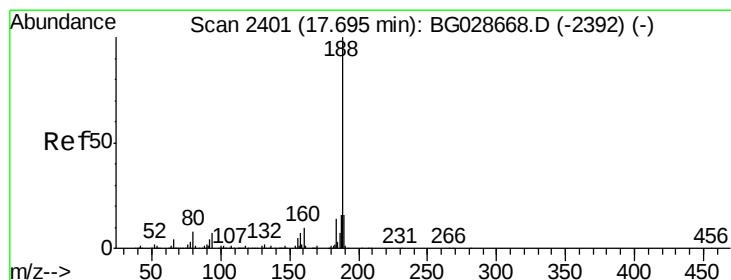
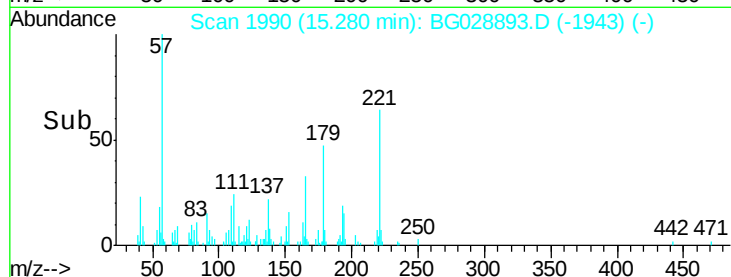
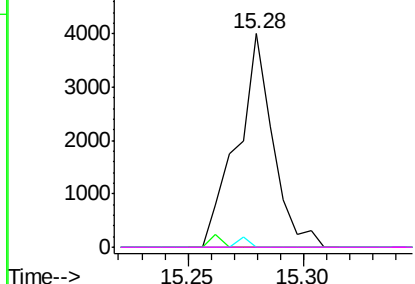
#56
 2,4-Dinitrotoluene
 Concen: 2.14 ng
 RT: 15.28 min Scan# 1990
 Delta R.T. -0.02 min
 Lab File: BG028893.D
 Acq: 23 Sep 2017 11:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 4314
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.0 66.0#
 89 0.0 67.3 100.9#
 182 0.0 3.8 5.6#

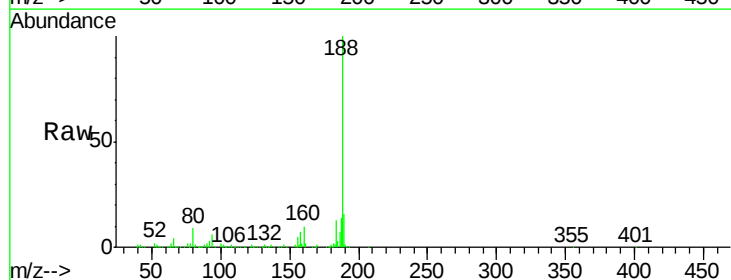


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

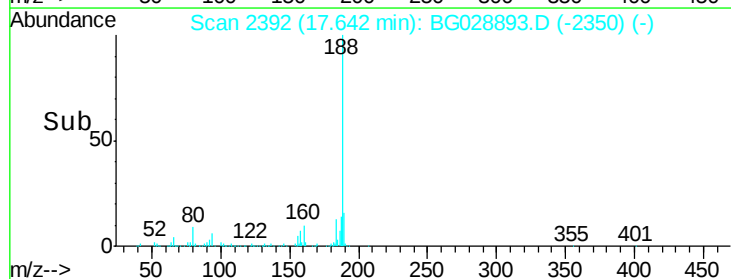
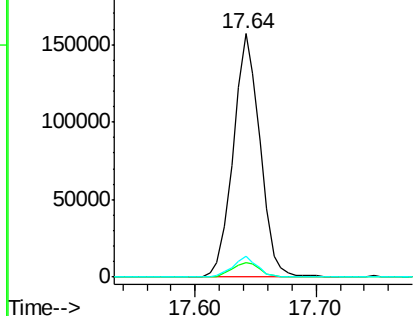


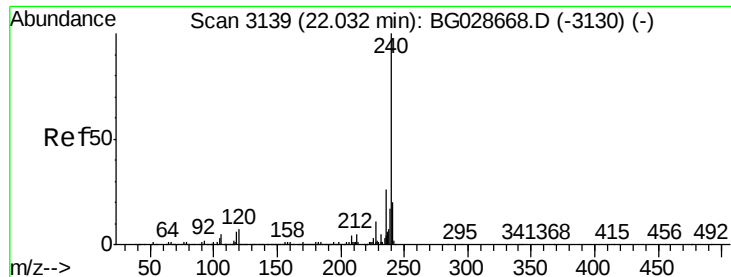
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.64 min Scan# 2392
 Delta R.T. -0.05 min
 Lab File: BG028893.D
 Acq: 23 Sep 2017 11:40

Tgt Ion:188 Resp: 241714
 Ion Ratio Lower Upper
 188 100
 94 5.8 5.8 8.8#
 80 8.8 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: BG028893.D

Acq: 23 Sep 2017 11:40

Instrument :

BNA_G

ClientSampleId :

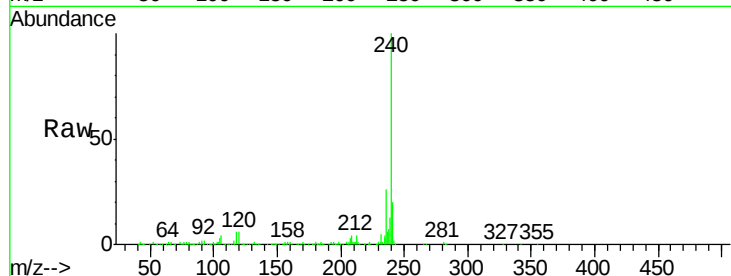
Tot Ion:240 Resp: 285147

Ion Ratio Lower Upper

240 100

120 5.9 5.7 8.5

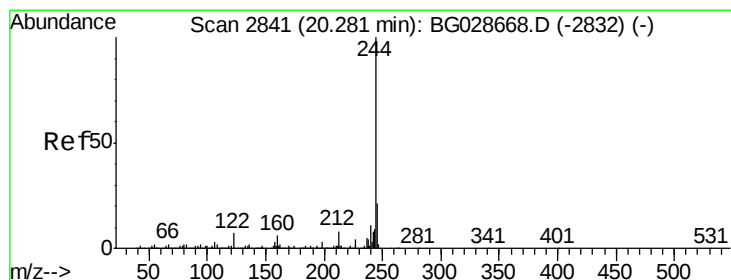
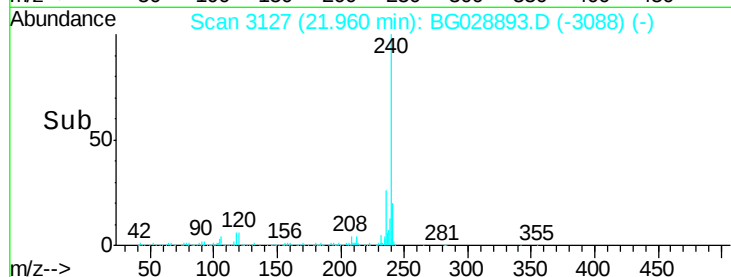
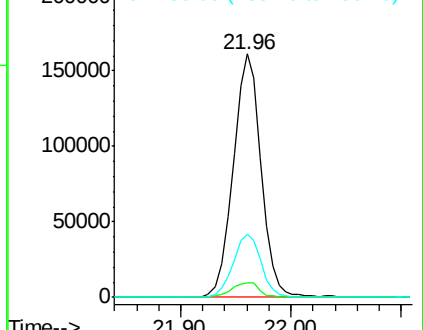
236 26.1 22.2 33.4



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: 103.55 ng

RT: 20.23 min Scan# 2833

Delta R.T. -0.05 min

Lab File: BG028893.D

Acq: 23 Sep 2017 11:40

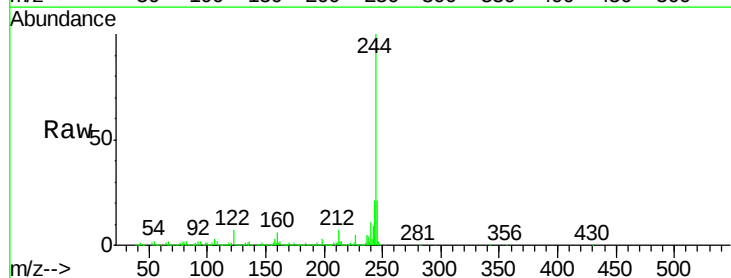
Tgt Ion:244 Resp: 1384610

Ion Ratio Lower Upper

244 100

212 7.5 10.0 15.0#

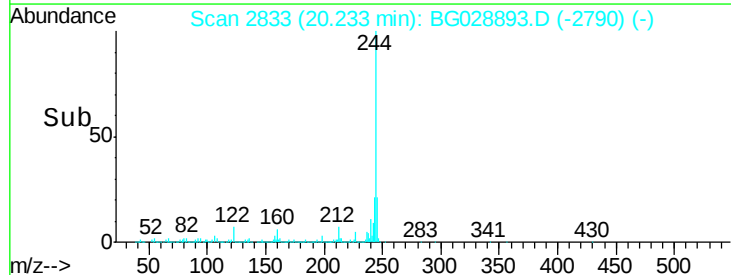
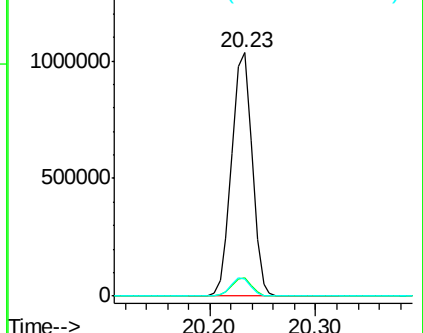
122 7.0 8.6 12.8#

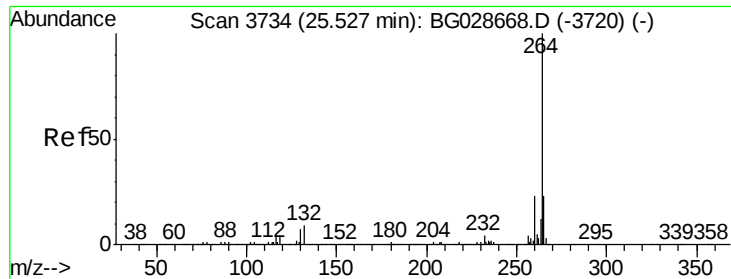


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG028893.D
 Acq: 23 Sep 2017 11:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	21.8	32.8
265	22.4	18.2	27.4

