

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091117\
 Data File : BG028646.D
 Acq On : 11 Sep 2017 17:51
 Operator : SJ/JU
 Sample : I5167-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 12 04:41:17 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG090717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 07 18:39:50 2017
 Response via : Initial Calibration

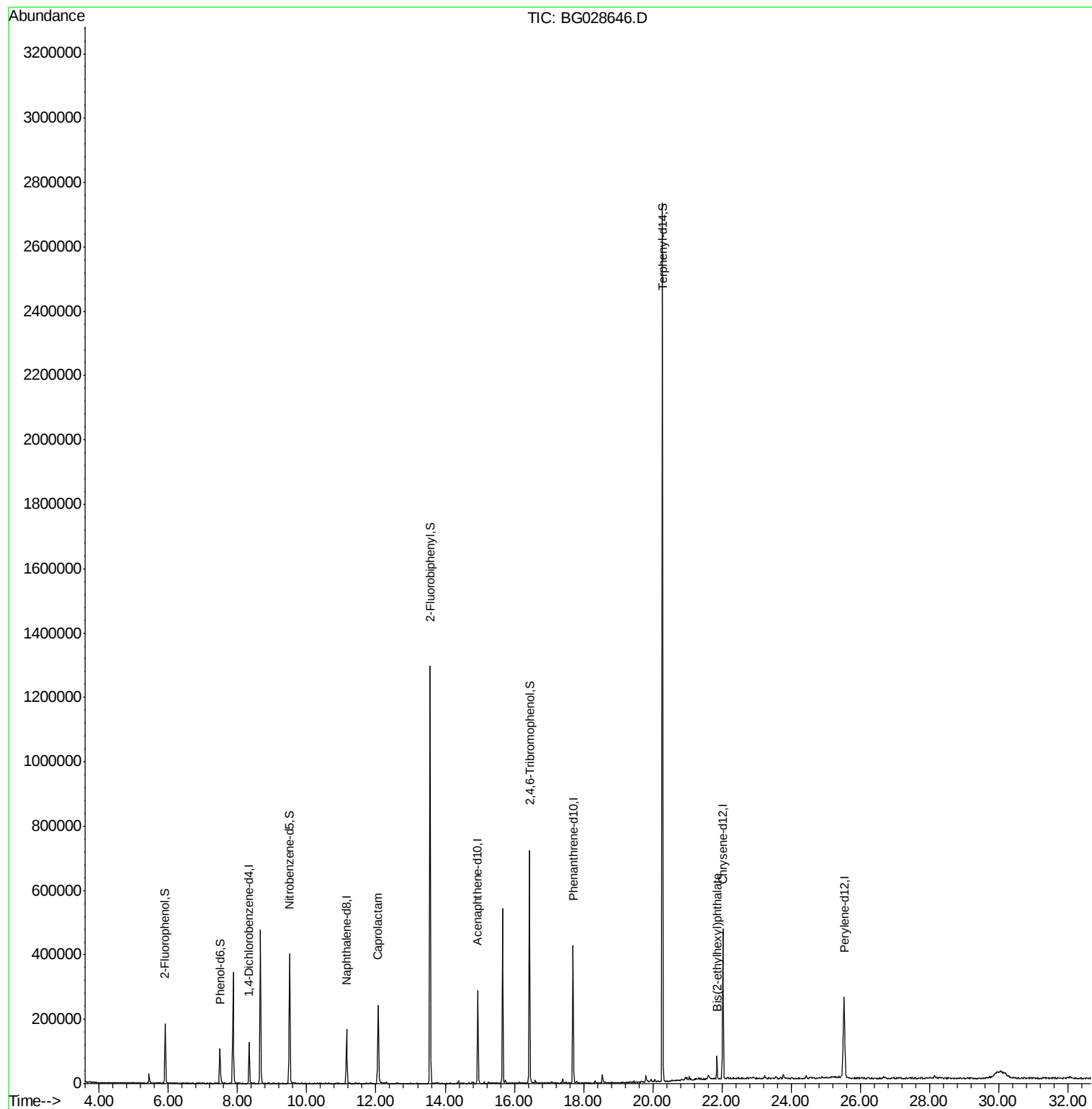
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	35268	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	142001	20.00	ng	-0.01
38) Acenaphthene-d10	14.95	164	101656	20.00	ng	0.00
63) Phenanthrene-d10	17.70	188	276395	20.00	ng	0.00
75) Chrysene-d12	22.03	240	325815	20.00	ng	-0.01
86) Perylene-d12	25.53	264	313061	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.91	112	81105	38.72	ng	0.00
7) Phenol-d6	7.49	99	68111	22.42	ng	0.00
23) Nitrobenzene-d5	9.50	82	262109	84.76	ng	0.00
41) 2,4,6-Tribromophenol	16.44	330	158966	102.89	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	683530	87.96	ng	0.00
78) Terphenyl-d14	20.28	244	1219728	80.66	ng	0.00
Target Compounds						
35) Caprolactam	12.07	113	46286	50.900	ng	Qvalue 97
83) Bis(2-ethylhexyl)phthalate	21.86	149	30885	2.868	ng	# 92

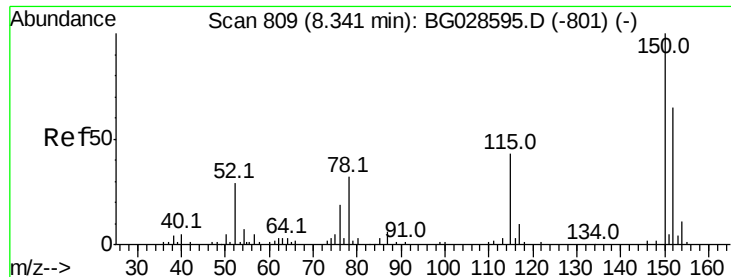
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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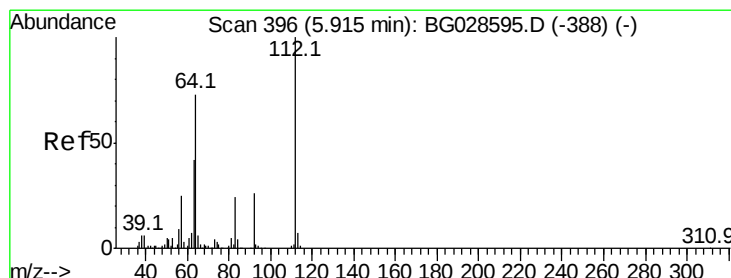
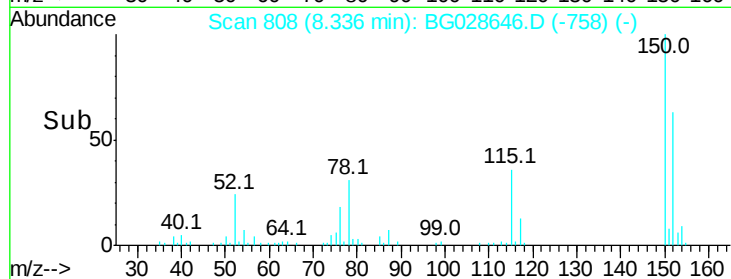
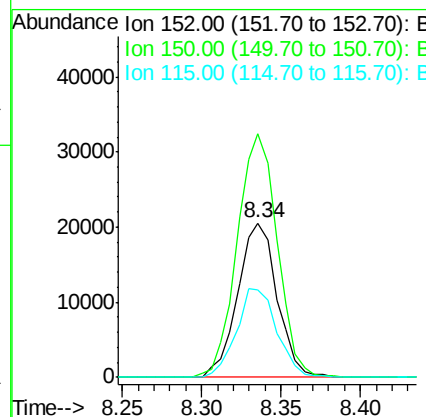
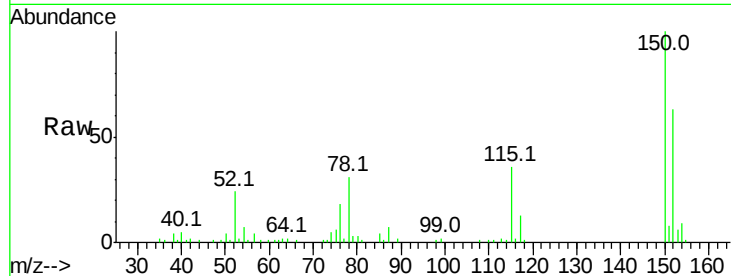


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.34 min Scan# 808
Delta R.T. -0.01 min
Lab File: BG028646.D
Acq: 11 Sep 2017 17:51

Instrument :
BNA_G
ClientSampleId :

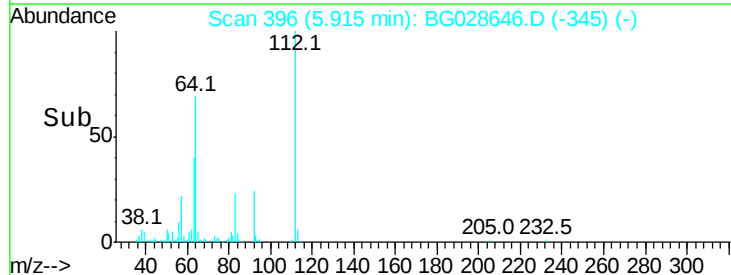
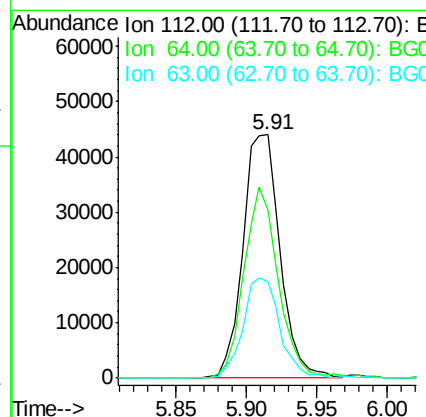
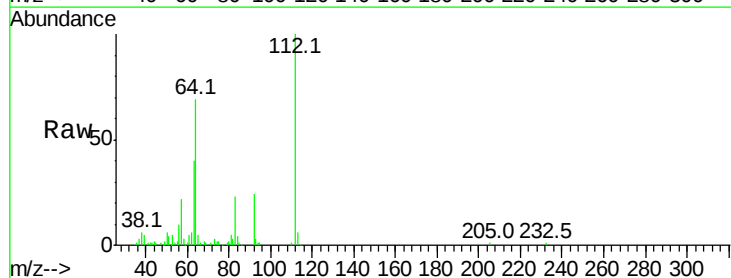
Tot Ion:152 Resp: 35268
Ion Ratio Lower Upper
152 100
150 157.9 114.0 171.0
115 57.0 48.1 72.1

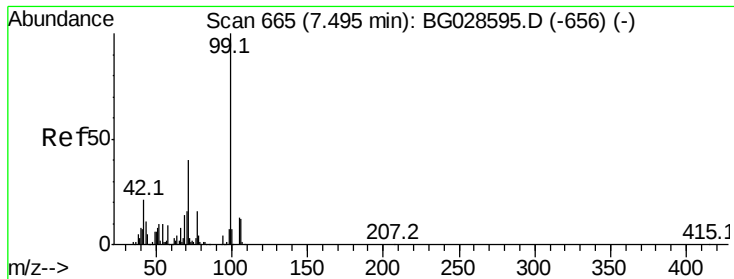


#5

2-Fluorophenol
Concen: 38.720 ng
RT: 5.91 min Scan# 396
Delta R.T. 0.00 min
Lab File: BG028646.D
Acq: 11 Sep 2017 17:51

Tgt Ion:112 Resp: 81105
Ion Ratio Lower Upper
112 100
64 69.1 61.8 92.6
63 39.6 37.2 55.8





#7

Phenol-d6

Concen: 22.418 ng

RT: 7.49 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG028646.D

Acq: 11 Sep 2017 17:51

Instrument :

BNA_G

ClientSampleId :

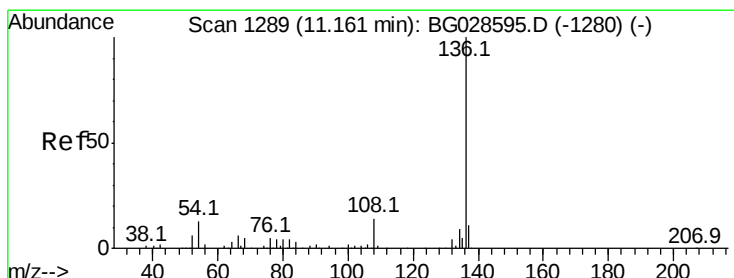
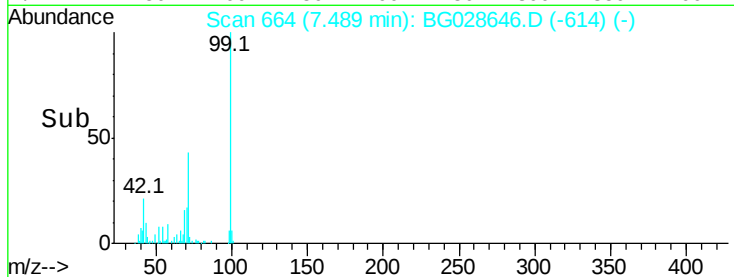
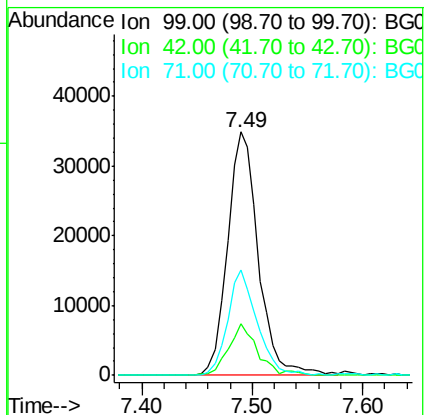
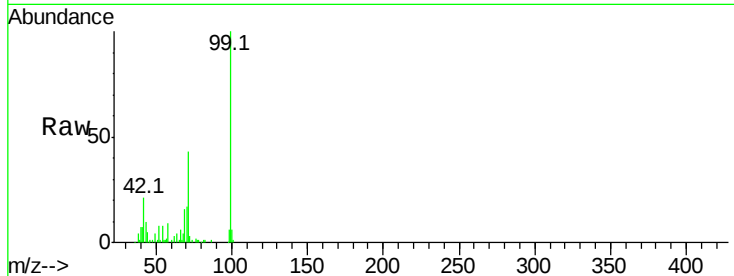
Tot Ion: 99 Resp: 68111

Ion Ratio Lower Upper

99 100

42 21.3 20.5 30.7

71 43.5 37.6 56.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.15 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BG028646.D

Acq: 11 Sep 2017 17:51

Tgt Ion: 136 Resp: 142001

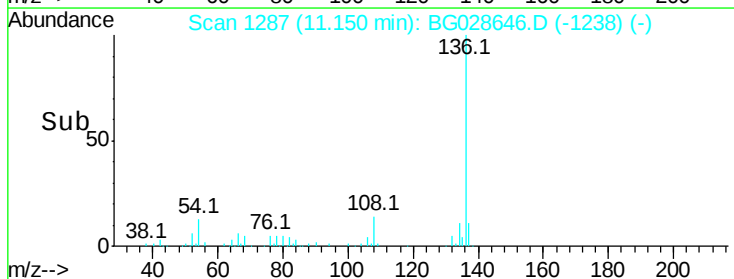
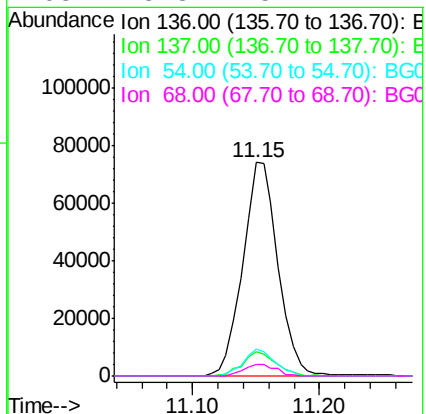
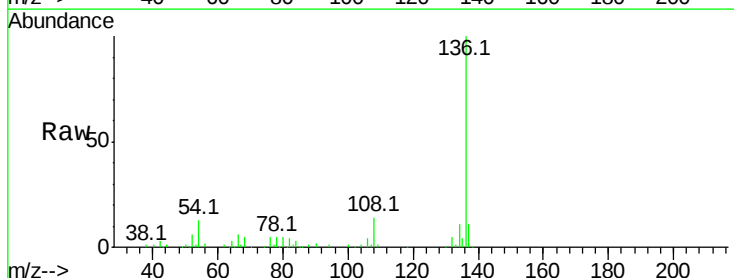
Ion Ratio Lower Upper

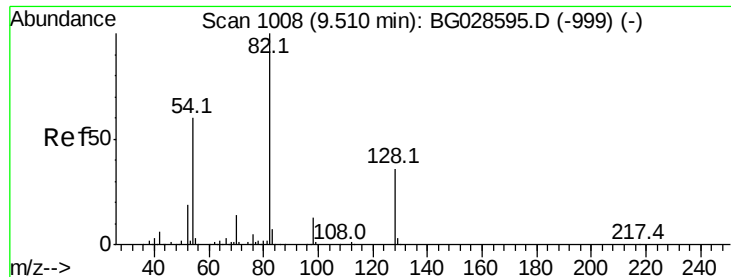
136 100

137 11.2 8.9 13.3

54 12.6 9.3 13.9

68 5.3 5.1 7.7

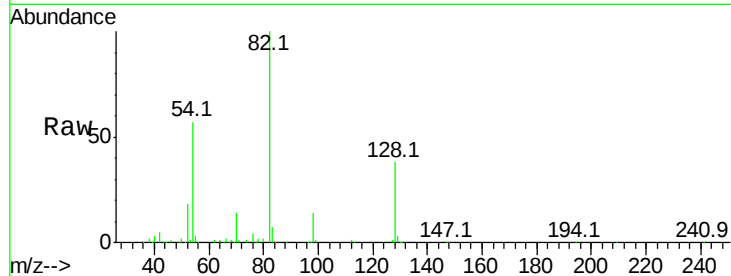




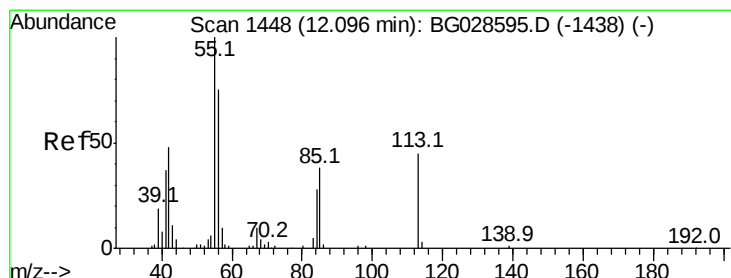
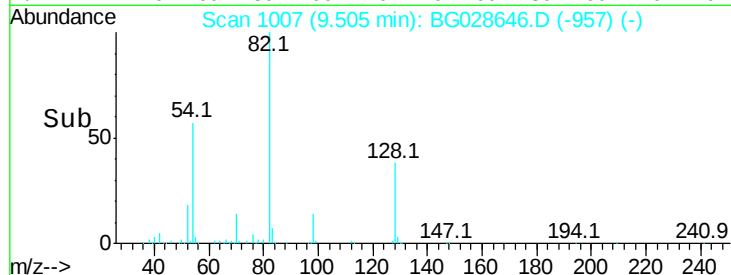
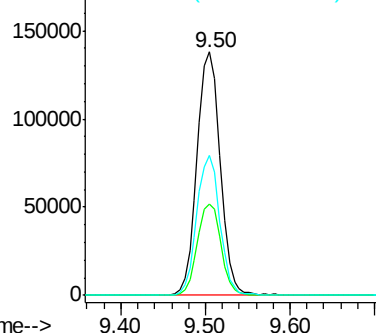
#23
 Nitrobenzene-d5
 Concen: 84.756 ng
 RT: 9.50 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BG028646.D
 Acq: 11 Sep 2017 17:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	262109
Ion Ratio	Lower	Upper	
82	100		
128	37.7	26.4	39.6
54	57.3	49.4	74.2

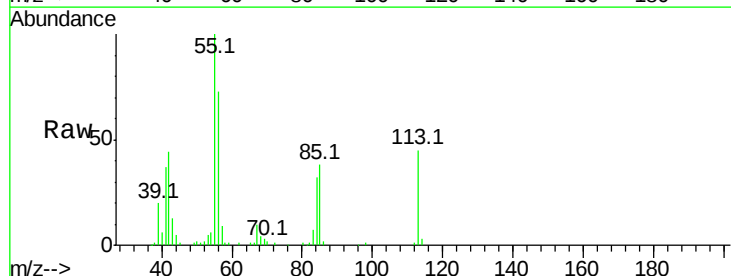


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

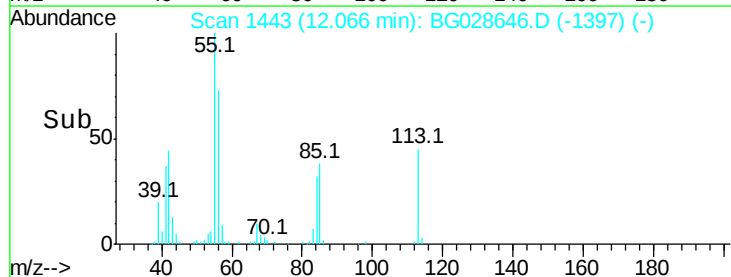
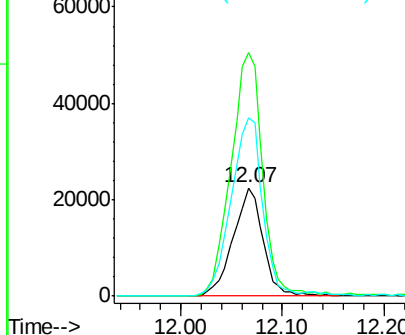


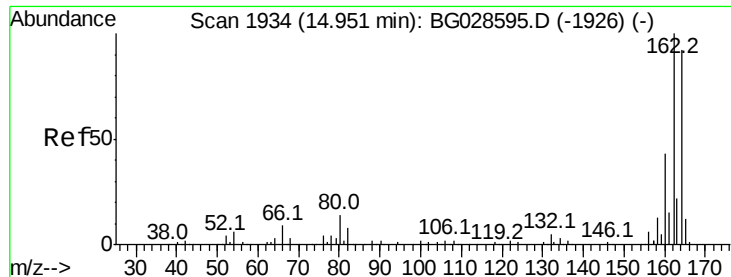
#35
 Caprolactam
 Concen: 50.900 ng
 RT: 12.07 min Scan# 1443
 Delta R.T. -0.03 min
 Lab File: BG028646.D
 Acq: 11 Sep 2017 17:51

Tgt Ion	113	Resp	46286
Ion Ratio	Lower	Upper	
113	100		
55	224.4	198.6	238.6
56	164.4	140.4	180.4



Abundance Ion 113.00 (112.70 to 113.70): BGC
 Ion 55.00 (54.70 to 55.70): BGC
 Ion 56.00 (55.70 to 56.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.95 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BG028646.D

Acq: 11 Sep 2017 17:51

Instrument :

BNA_G

ClientSampleId :

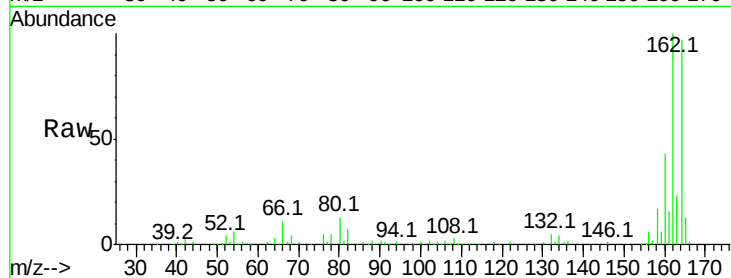
Tot Ion:164 Resp: 101656

Ion Ratio Lower Upper

164 100

162 102.9 85.1 127.7

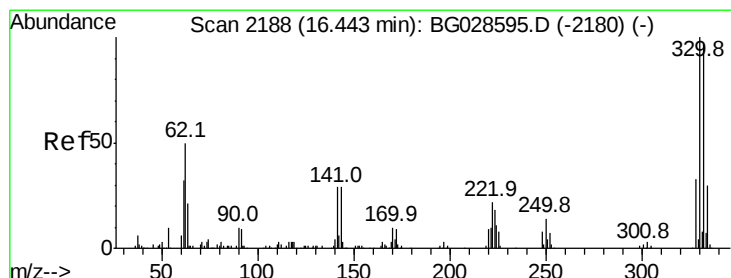
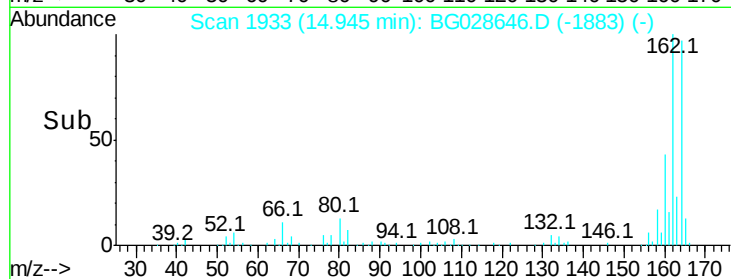
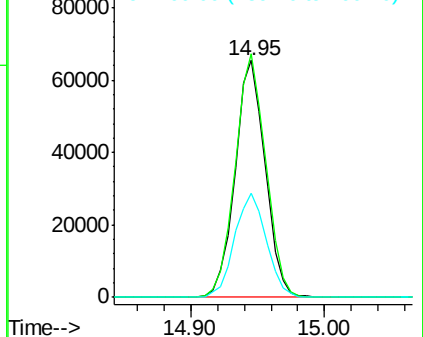
160 44.0 34.7 52.1



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



#41

2,4,6-Tribromophenol

Concen: 102.886 ng

RT: 16.44 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BG028646.D

Acq: 11 Sep 2017 17:51

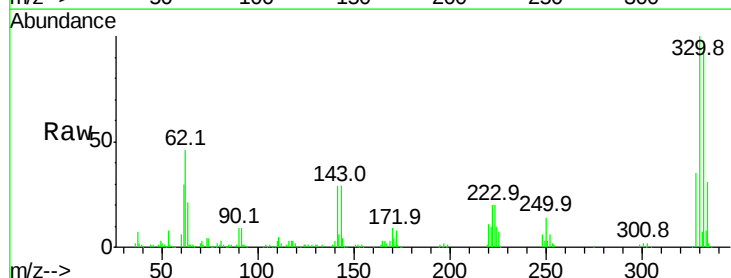
Tgt Ion:330 Resp: 158966

Ion Ratio Lower Upper

330 100

332 94.3 77.3 115.9

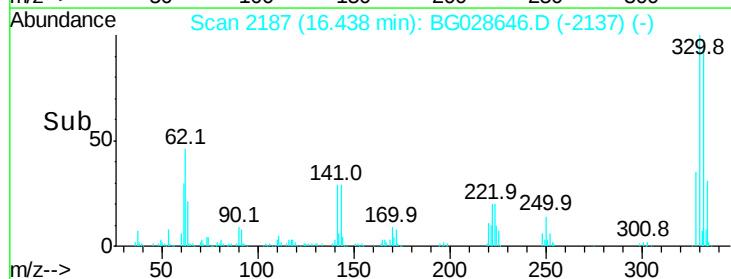
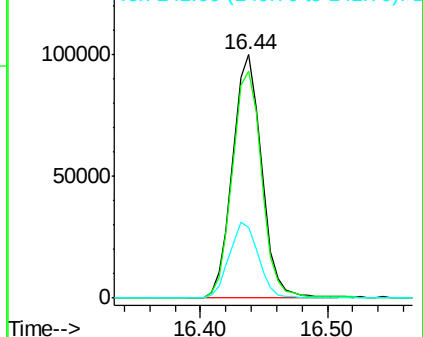
141 31.2 32.1 48.1#

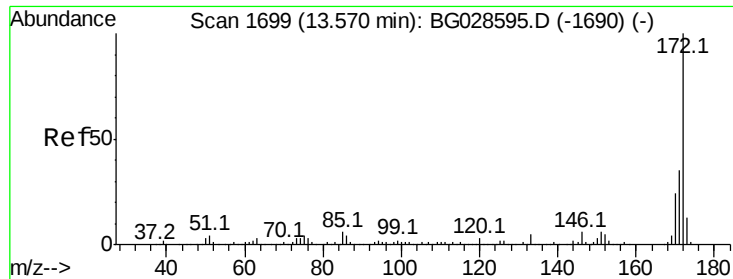


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

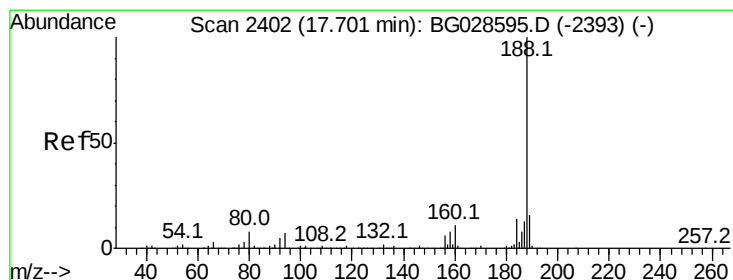
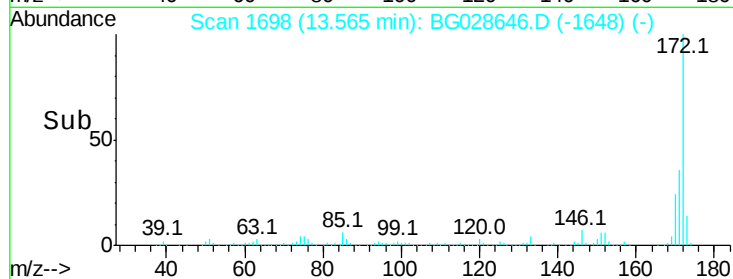
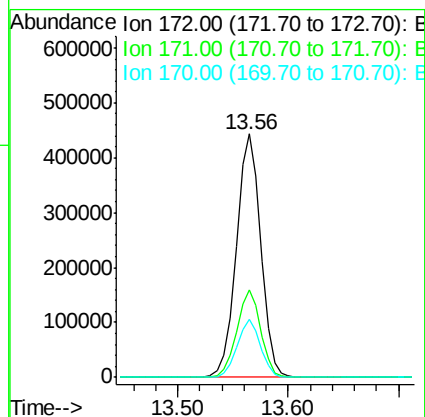
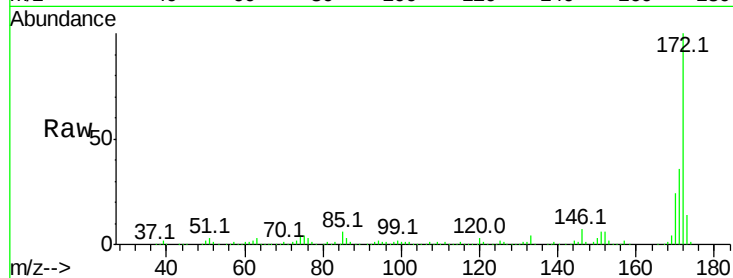




#44
 2-Fluorobiphenyl
 Concen: 87.964 ng
 RT: 13.56 min Scan# 1698
 Delta R.T. -0.01 min
 Lab File: BG028646.D
 Acq: 11 Sep 2017 17:51

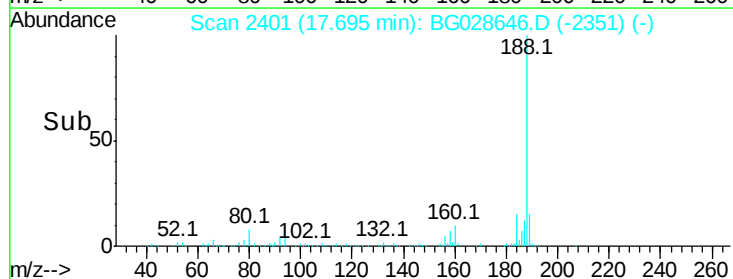
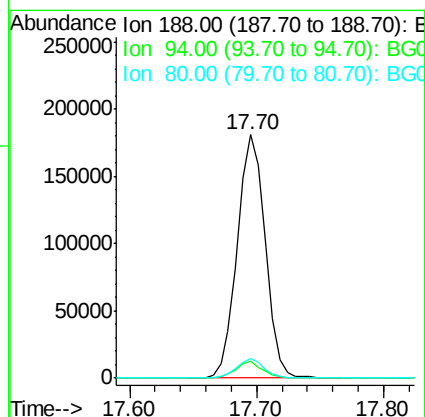
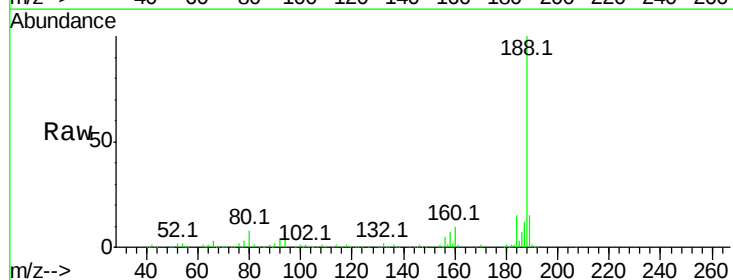
Instrument :
 BNA_G
 ClientSampleId :

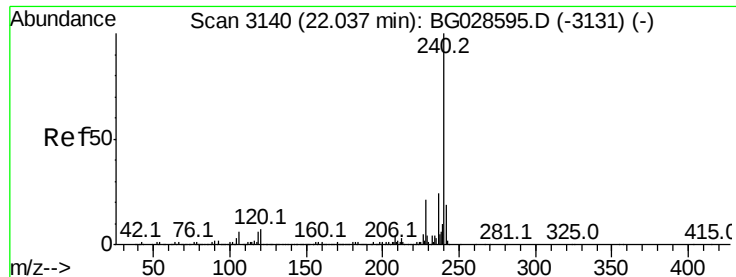
Tot Ion:172 Resp: 683530
 Ion Ratio Lower Upper
 172 100
 171 35.7 32.2 48.2
 170 24.0 21.8 32.6



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.70 min Scan# 2401
 Delta R.T. -0.01 min
 Lab File: BG028646.D
 Acq: 11 Sep 2017 17:51

Tgt Ion:188 Resp: 276395
 Ion Ratio Lower Upper
 188 100
 94 6.8 5.8 8.8
 80 7.8 7.5 11.3





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.03 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG028646.D

Acq: 11 Sep 2017 17:51

Instrument :

BNA_G

ClientSampleId :

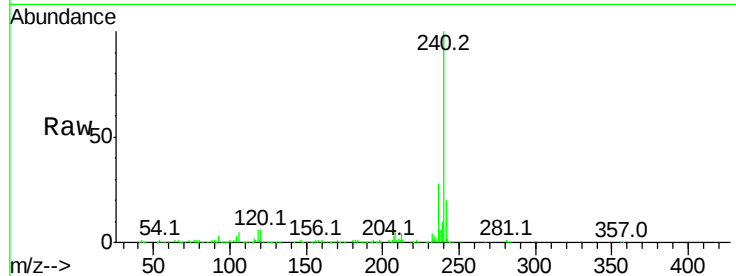
Tot Ion:240 Resp: 325815

Ion Ratio Lower Upper

240 100

120 6.3 5.7 8.5

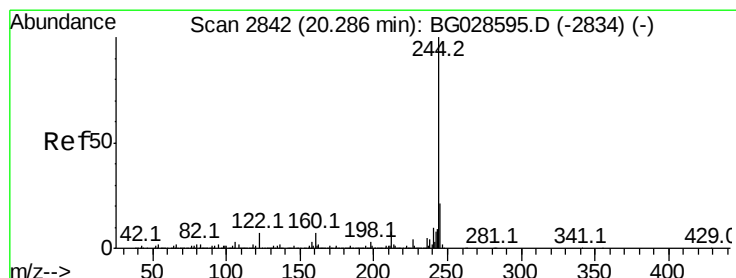
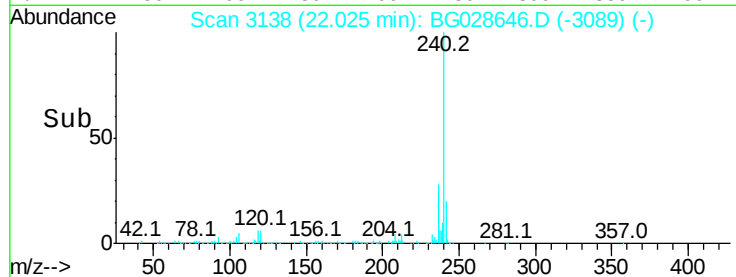
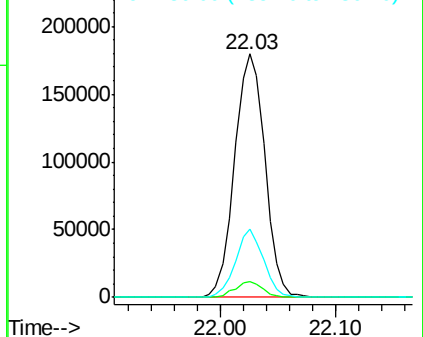
236 28.0 22.2 33.4



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: 80.657 ng

RT: 20.28 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BG028646.D

Acq: 11 Sep 2017 17:51

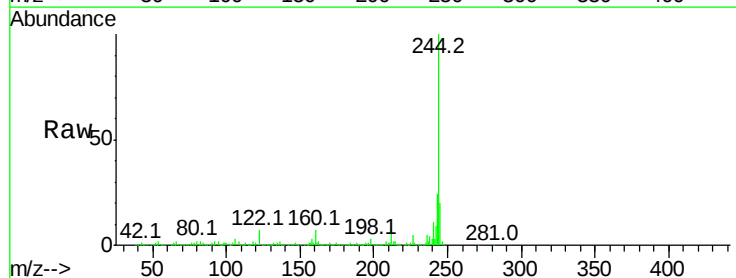
Tgt Ion:244 Resp: 1219728

Ion Ratio Lower Upper

244 100

212 7.7 10.0 15.0#

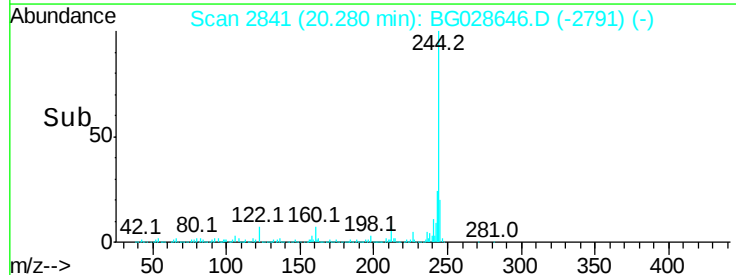
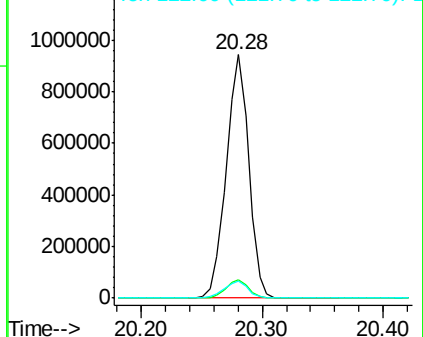
122 7.2 8.6 12.8#

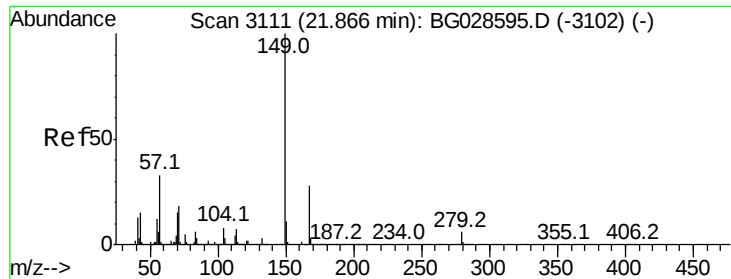


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

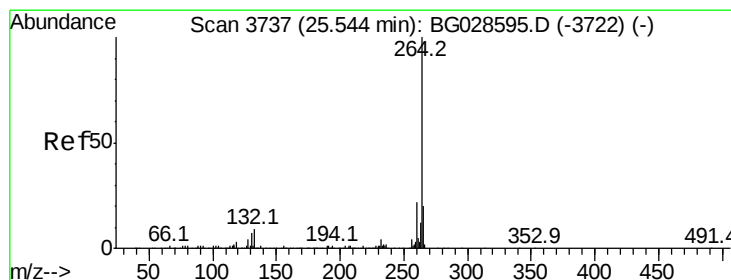
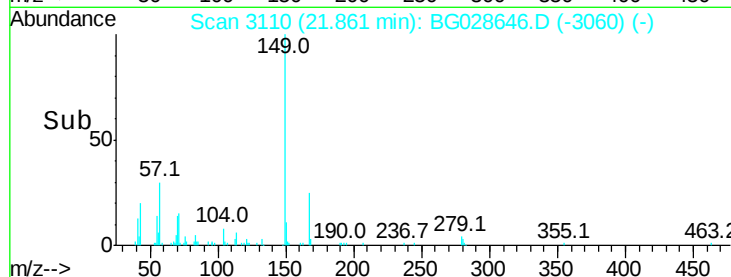
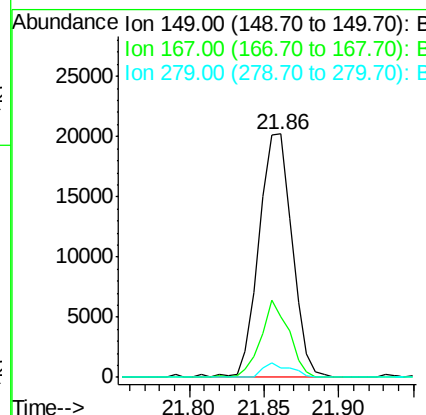
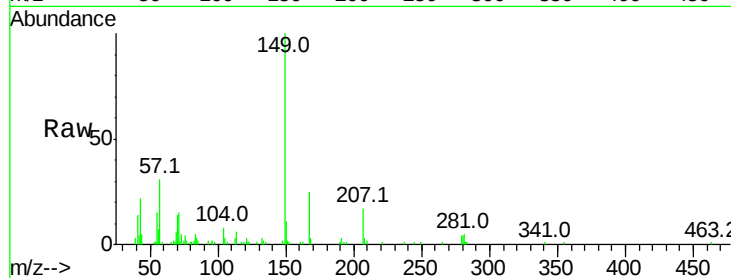




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.868 ng
 RT: 21.86 min Scan# 3110
 Delta R.T. -0.01 min
 Lab File: BG028646.D
 Acq: 11 Sep 2017 17:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.0	23.7	35.5
279	3.9	4.6	6.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.53 min Scan# 3734
 Delta R.T. -0.02 min
 Lab File: BG028646.D
 Acq: 11 Sep 2017 17:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	21.8	32.8
265	21.1	18.2	27.4

