

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091117\
 Data File : BG028659.D
 Acq On : 12 Sep 2017 3:03
 Operator : SJ/JU
 Sample : I5180-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 090717-TIDO-F-U-B

Quant Time: Sep 12 04:45:50 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	34262	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	139913	20.00	ng	-0.01
38) Acenaphthene-d10	14.94	164	102458	20.00	ng	-0.01
63) Phenanthrene-d10	17.70	188	286129	20.00	ng	0.00
75) Chrysene-d12	22.03	240	336355	20.00	ng	-0.01
86) Perylene-d12	25.53	264	323909	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.91	112	85105	41.82	ng	0.00
7) Phenol-d6	7.49	99	70729	23.96	ng	0.00
23) Nitrobenzene-d5	9.50	82	255021	83.69	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	153000	98.25	ng	-0.01
44) 2-Fluorobiphenyl	13.56	172	660702	84.36	ng	0.00
78) Terphenyl-d14	20.28	244	1255530	80.42	ng	0.00

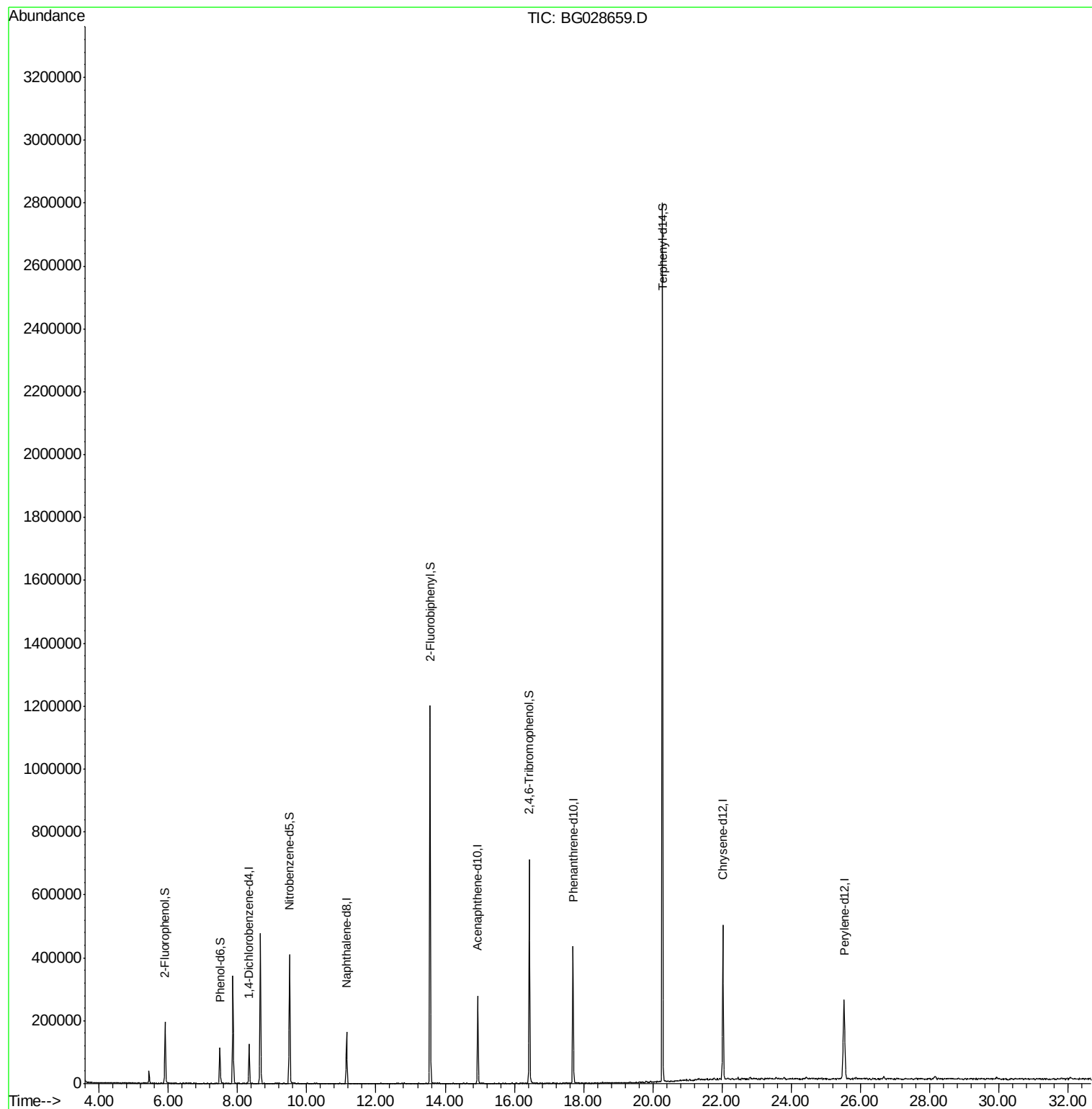
Target Compounds Qvalue

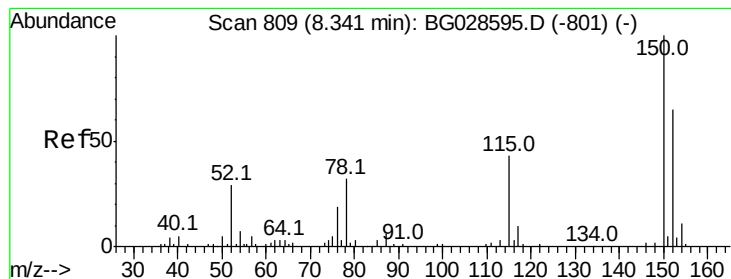
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG028659.D

Acq: 12 Sep 2017 3:03

Instrument :

BNA_G

ClientSampleId :

090717-TIDO-F-U-B

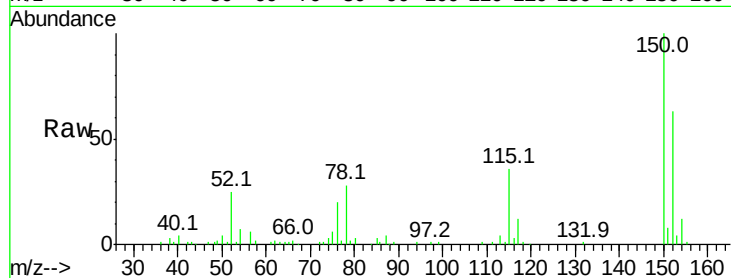
Tot Ion:152 Resp: 34262

Ion Ratio Lower Upper

152 100

150 159.0 114.0 171.0

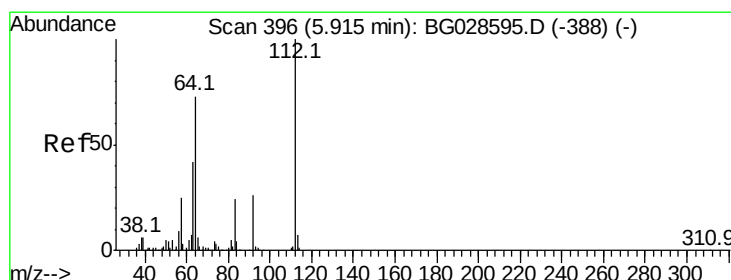
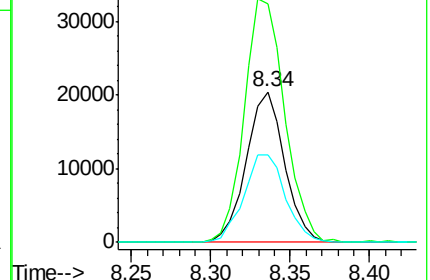
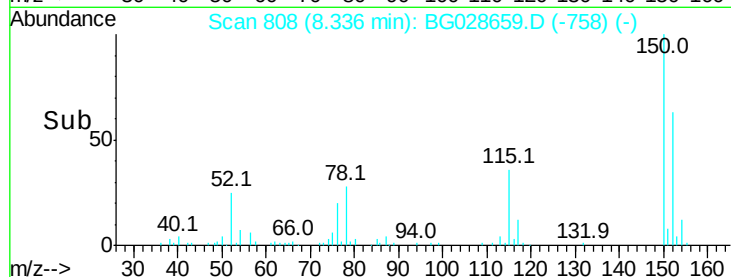
115 57.8 48.1 72.1



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: 41.823 ng

RT: 5.91 min Scan# 395

Delta R.T. -0.00 min

Lab File: BG028659.D

Acq: 12 Sep 2017 3:03

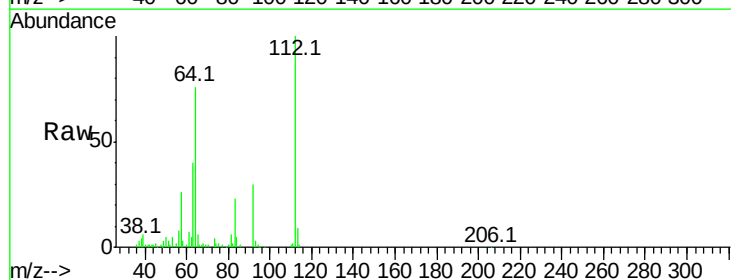
Tgt Ion:112 Resp: 85105

Ion Ratio Lower Upper

112 100

64 76.1 61.8 92.6

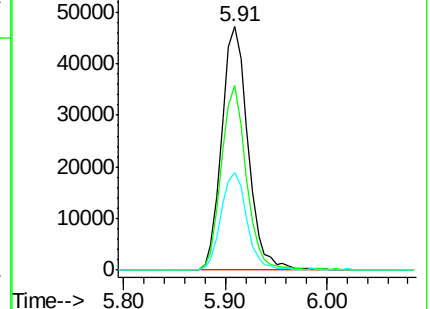
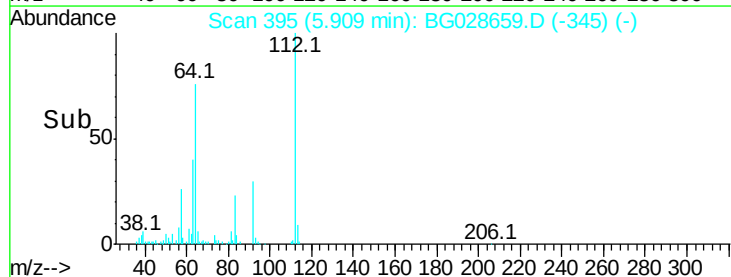
63 40.0 37.2 55.8

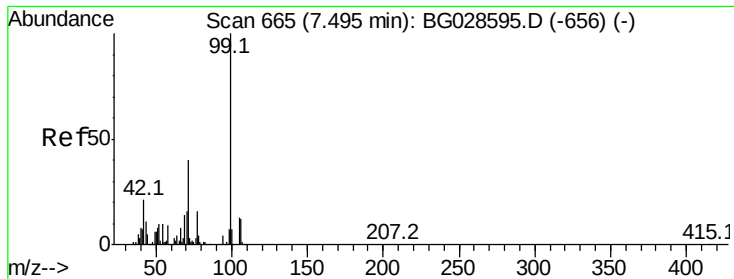


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 23.963 ng

RT: 7.49 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG028659.D

Acq: 12 Sep 2017 3:03

Instrument :

BNA_G

ClientSampleId :

090717-TIDO-F-U-B

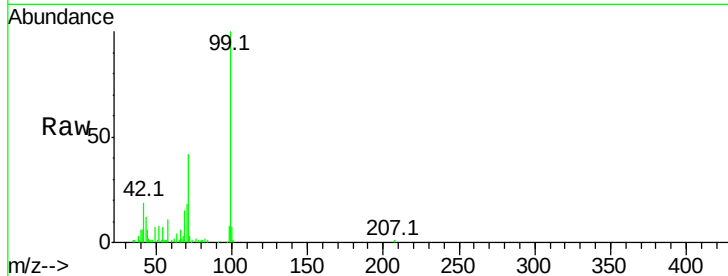
Tot Ion: 99 Resp: 70729

Ion Ratio Lower Upper

99 100

42 19.2 20.5 30.7#

71 41.6 37.6 56.4

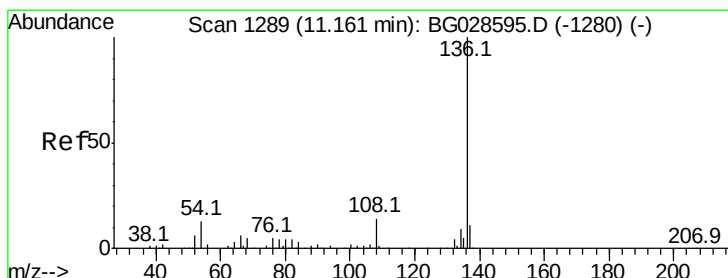
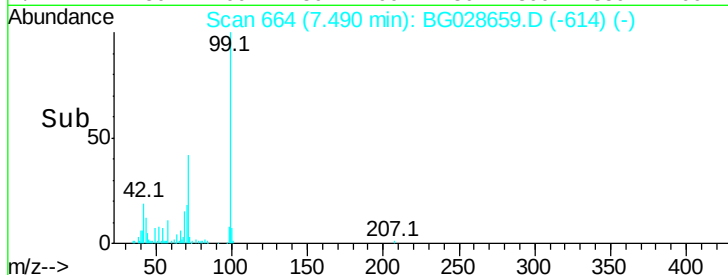
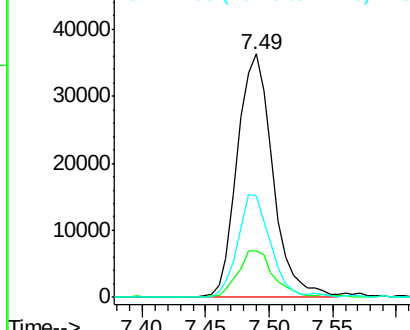


Abundance

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.15 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BG028659.D

Acq: 12 Sep 2017 3:03

Tgt Ion: 136 Resp: 139913

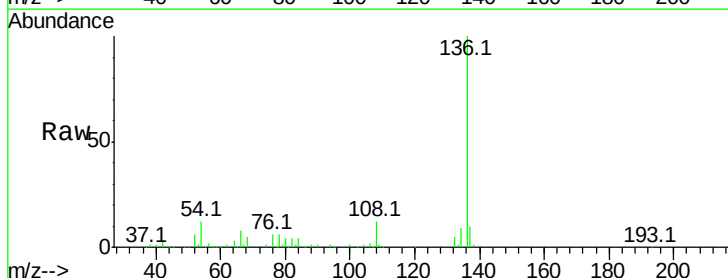
Ion Ratio Lower Upper

136 100

137 10.2 8.9 13.3

54 12.0 9.3 13.9

68 4.8 5.1 7.7#



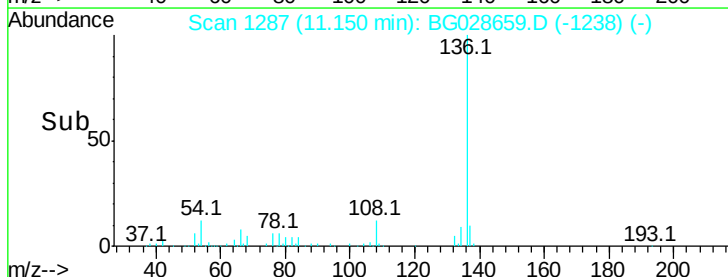
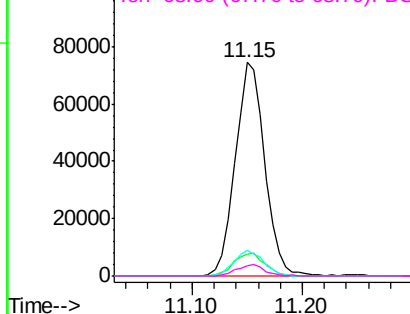
Abundance

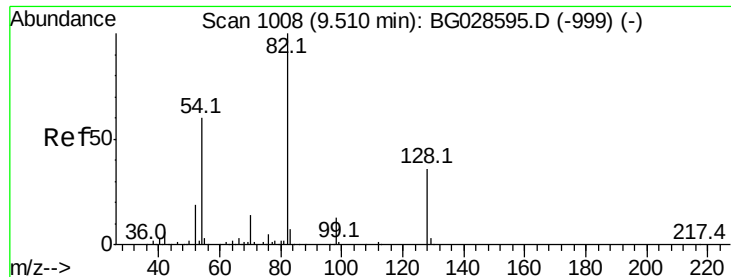
Ion 136.00 (135.70 to 136.70): BGC

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: 83.695 ng

RT: 9.50 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BG028659.D

Acq: 12 Sep 2017 3:03

Instrument :

BNA_G

ClientSampleId :

090717-TIDO-F-U-B

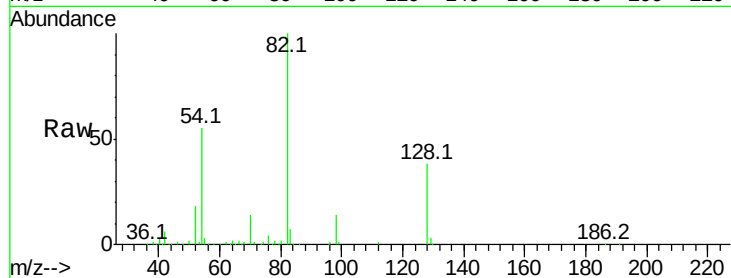
Tot Ion: 82 Resp: 255021

Ion Ratio Lower Upper

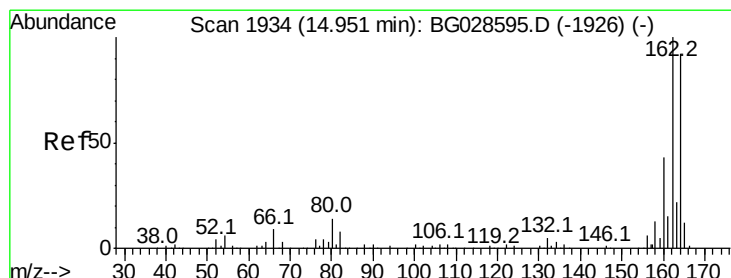
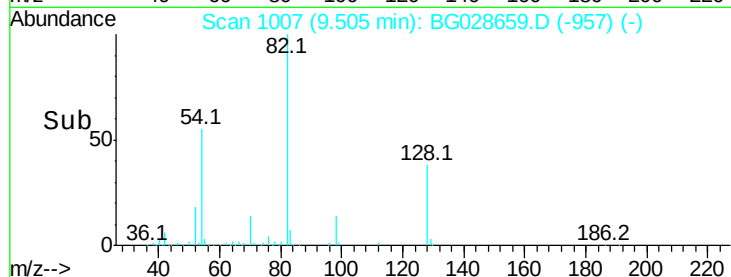
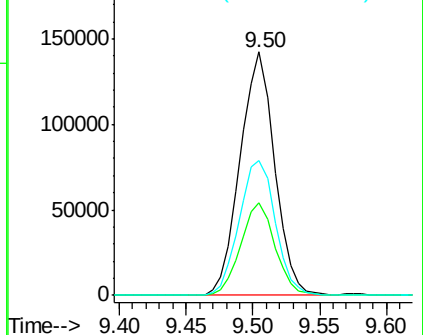
82 100

128 38.2 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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.94 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BG028659.D

Acq: 12 Sep 2017 3:03

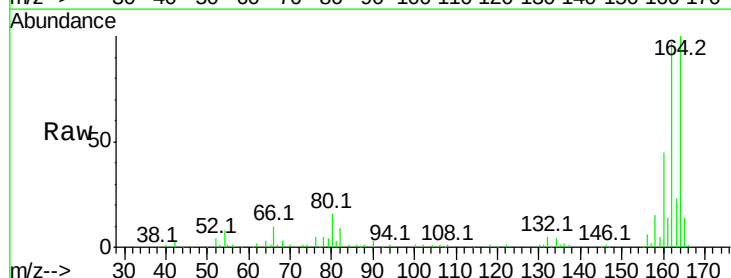
Tgt Ion: 164 Resp: 102458

Ion Ratio Lower Upper

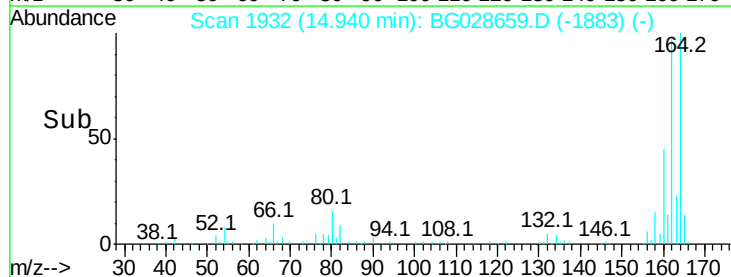
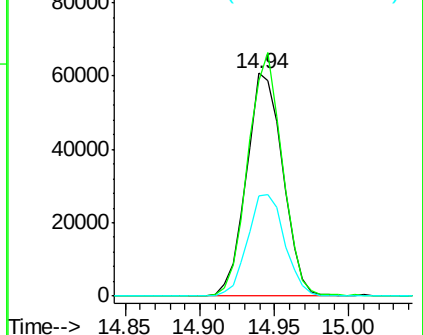
164 100

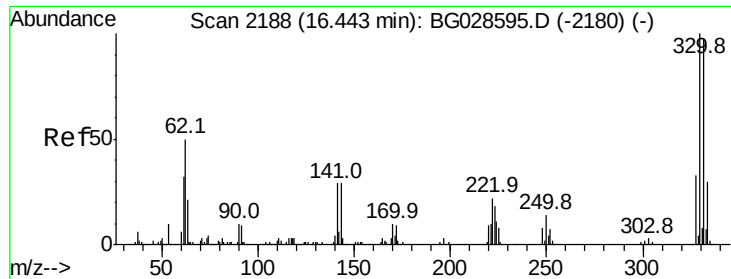
162 97.0 85.1 127.7

160 45.1 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

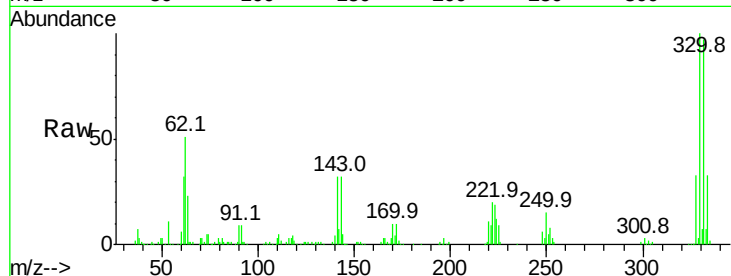




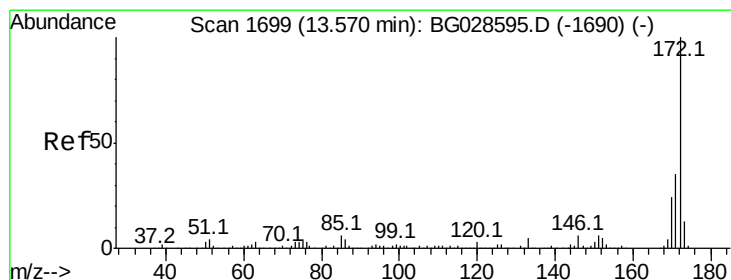
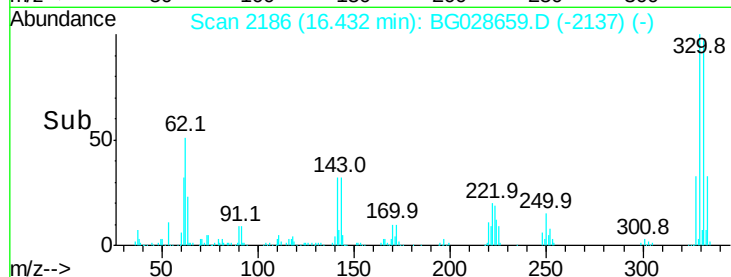
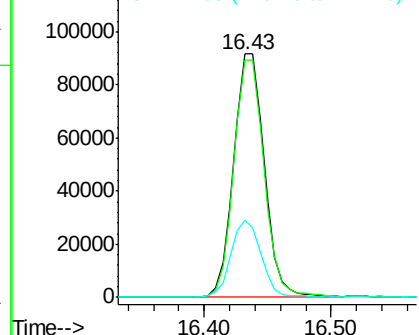
#41
 2,4,6-Tribromophenol
 Concen: 98.250 ng
 RT: 16.43 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: BG028659.D
 Acq: 12 Sep 2017 3:03

Instrument :
 BNA_G
 ClientSampleId :
 090717-TIDO-F-U-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.3	115.9
141	31.3	32.1	48.1#

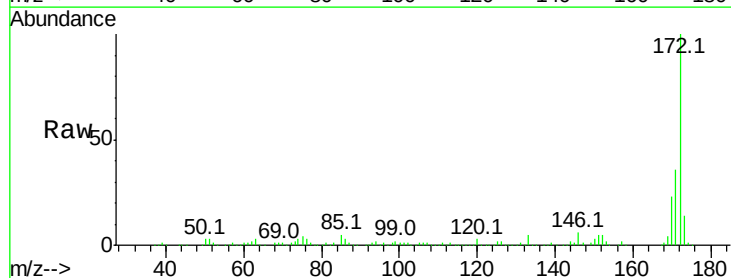


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

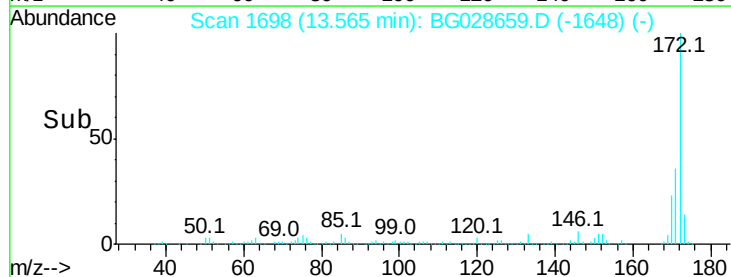
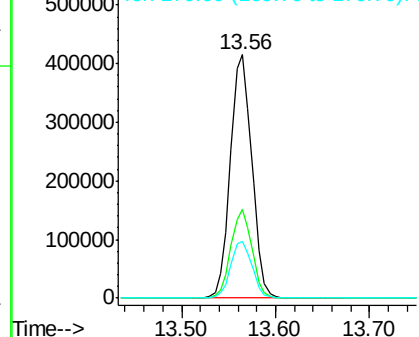


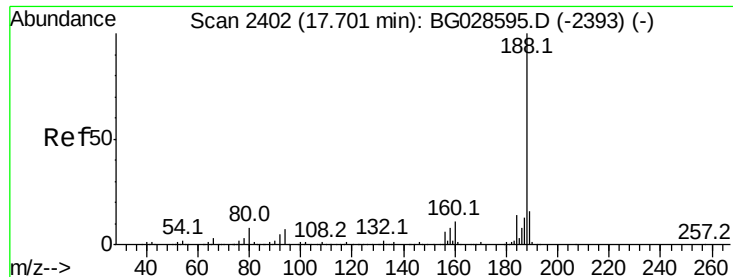
#44
 2-Fluorobiphenyl
 Concen: 84.361 ng
 RT: 13.56 min Scan# 1698
 Delta R.T. -0.01 min
 Lab File: BG028659.D
 Acq: 12 Sep 2017 3:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	32.2	48.2
170	23.1	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

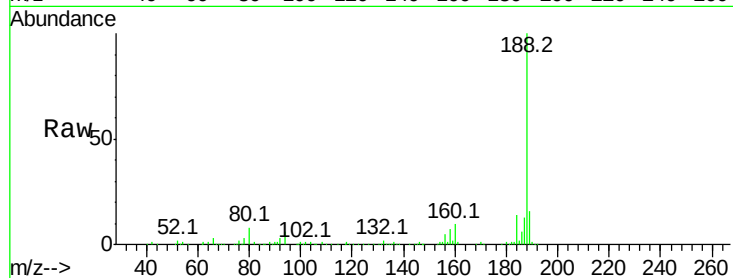




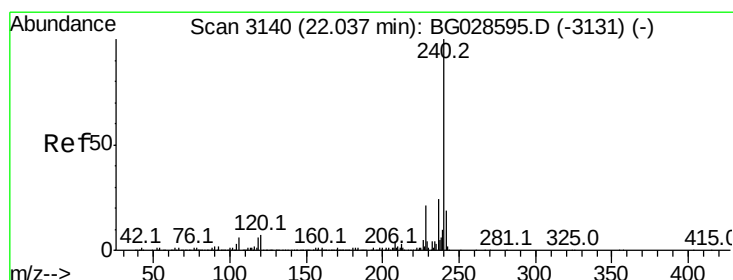
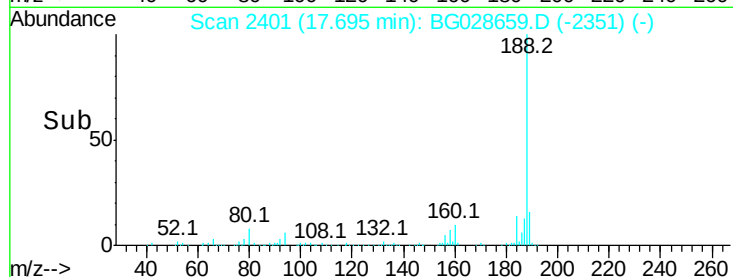
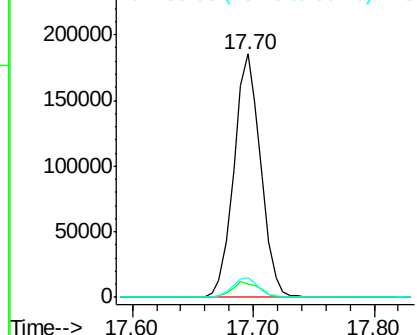
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.70 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BG028659.D
Acq: 12 Sep 2017 3:03

Instrument :
BNA_G
ClientSampleId :
090717-TIDO-F-U-B

Tot Ion:188 Resp: 286129
Ion Ratio Lower Upper
188 100
94 5.6 5.8 8.8#
80 8.1 7.5 11.3

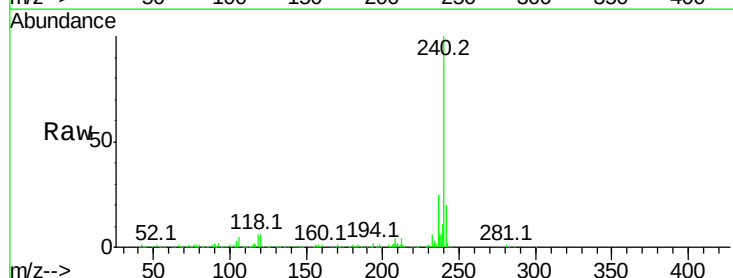


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

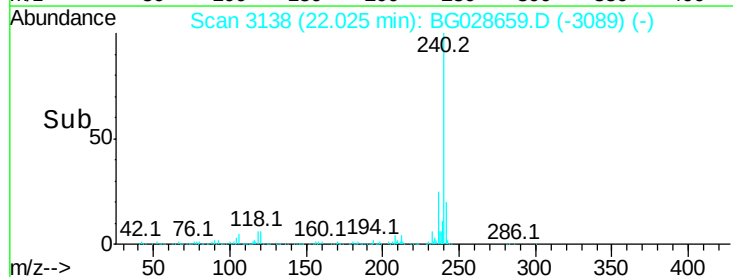
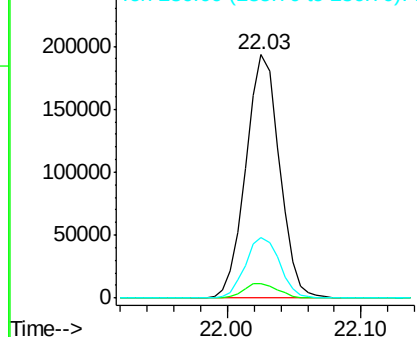


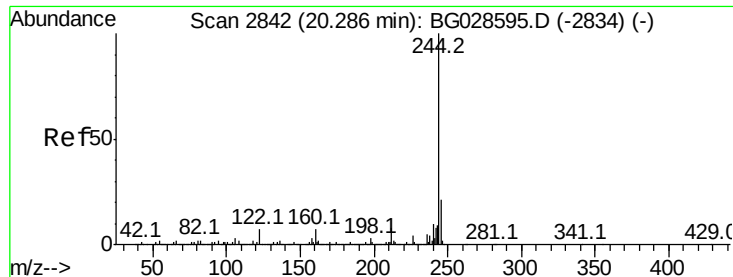
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.03 min Scan# 3138
Delta R.T. -0.01 min
Lab File: BG028659.D
Acq: 12 Sep 2017 3:03

Tgt Ion:240 Resp: 336355
Ion Ratio Lower Upper
240 100
120 6.1 5.7 8.5
236 25.1 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: 80.423 ng

RT: 20.28 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BG028659.D

Acq: 12 Sep 2017 3:03

Instrument :

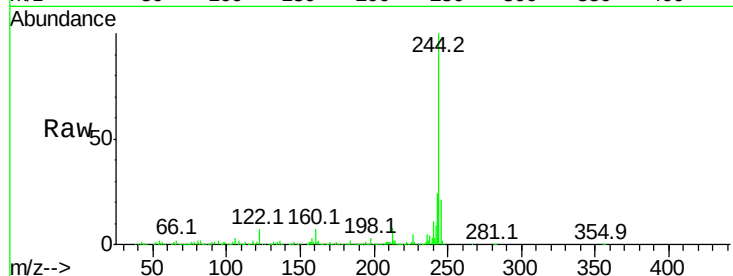
BNA_G

ClientSampleId :

090717-TIDO-F-U-B

Tot Ion:244 Resp: 1255530

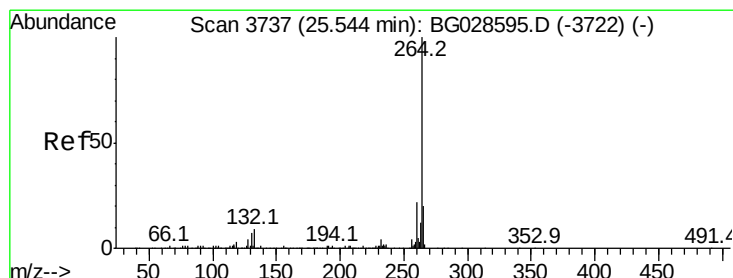
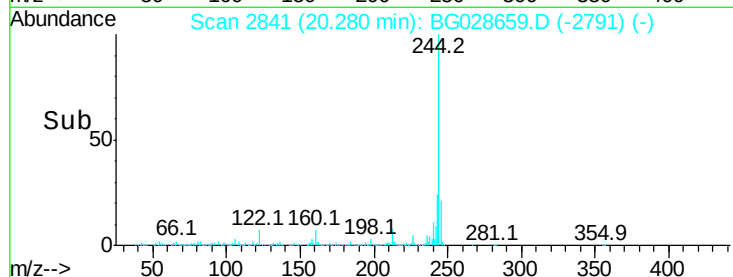
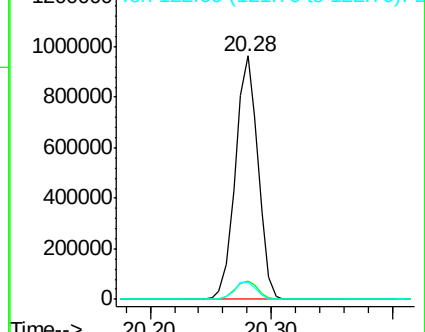
Ion	Ratio	Lower	Upper
244	100		
212	7.7	10.0	15.0#
122	7.0	8.6	12.8#



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

Perylene-d12

Concen: 20.000 ng

RT: 25.53 min Scan# 3734

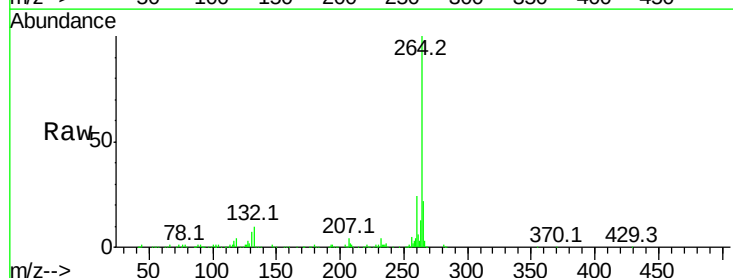
Delta R.T. -0.02 min

Lab File: BG028659.D

Acq: 12 Sep 2017 3:03

Tgt Ion:264 Resp: 323909

Ion	Ratio	Lower	Upper
264	100		
260	24.2	21.8	32.8
265	22.2	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

