

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091117\
 Data File : BG028661.D
 Acq On : 12 Sep 2017 5:01
 Operator : SJ/JU
 Sample : I5181-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 090817-TIDO-F-U-M

Quant Time: Sep 12 06:45:54 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	40034	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	153582	20.00	ng	-0.01
38) Acenaphthene-d10	14.95	164	111422	20.00	ng	0.00
63) Phenanthrene-d10	17.70	188	295716	20.00	ng	0.00
75) Chrysene-d12	22.03	240	345830	20.00	ng	-0.01
86) Perylene-d12	25.53	264	340202	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.91	112	101588	42.73	ng	0.00
7) Phenol-d6	7.49	99	81650	23.67	ng	0.00
23) Nitrobenzene-d5	9.50	82	296375	88.61	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	164899	97.37	ng	-0.01
44) 2-Fluorobiphenyl	13.56	172	748886	87.93	ng	0.00
78) Terphenyl-d14	20.28	244	1314487	81.89	ng	0.00

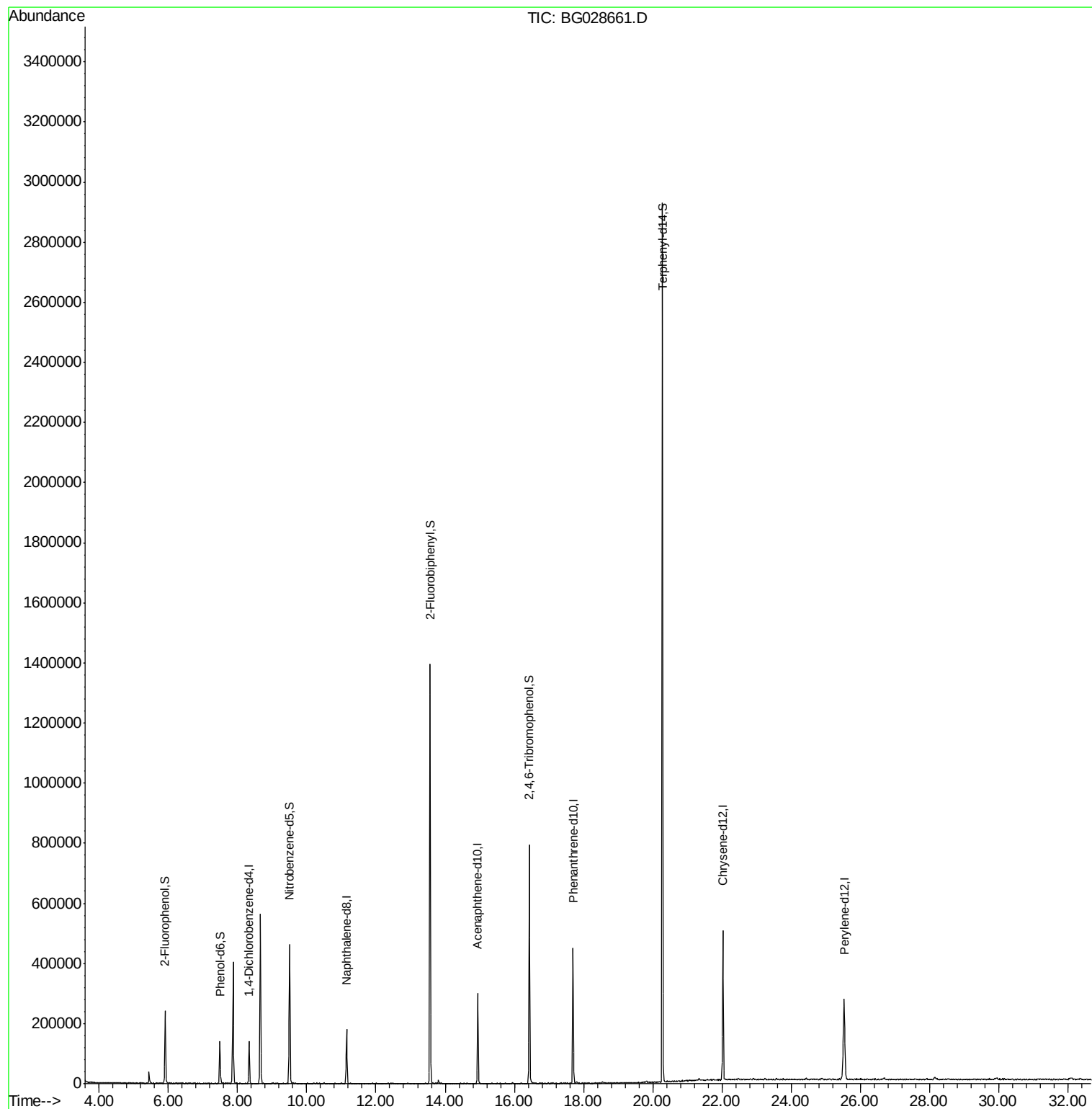
Target Compounds Qvalue

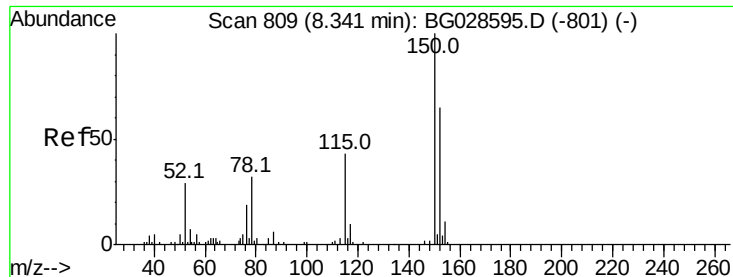
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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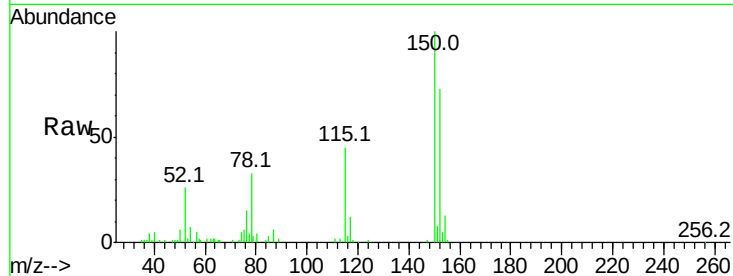


#1

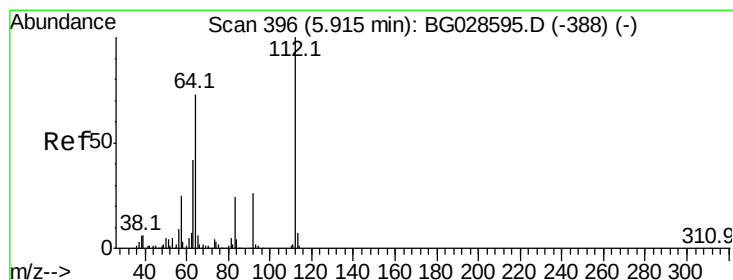
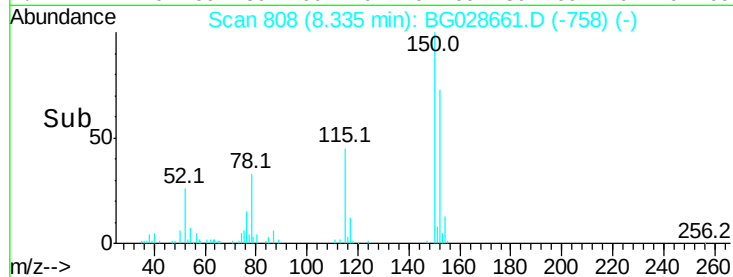
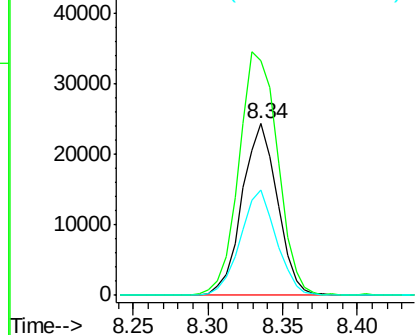
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.34 min Scan# 808
Delta R.T. -0.01 min
Lab File: BG028661.D
Acq: 12 Sep 2017 5:01

Instrument :
BNA_G
ClientSampleId :
090817-TIDO-F-U-M

Tot Ion:152 Resp: 40034
Ion Ratio Lower Upper
152 100
150 137.0 114.0 171.0
115 61.1 48.1 72.1



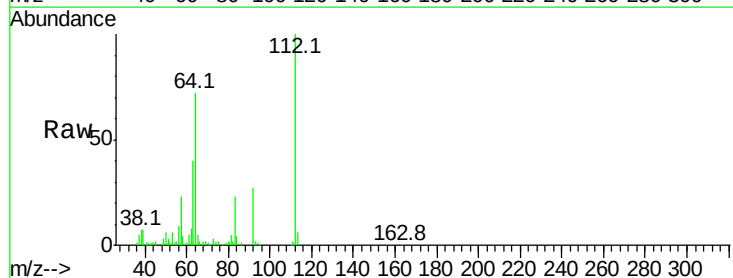
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



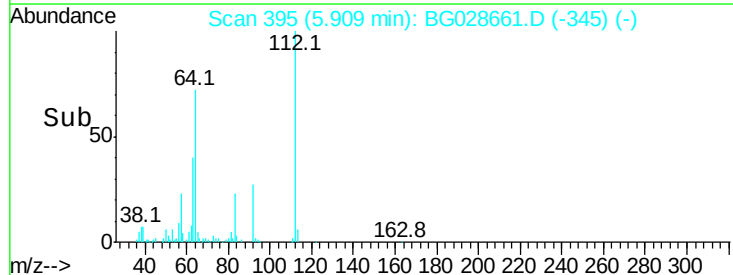
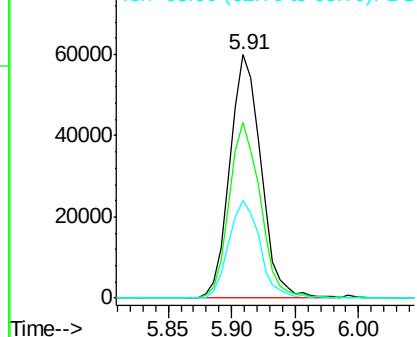
#5

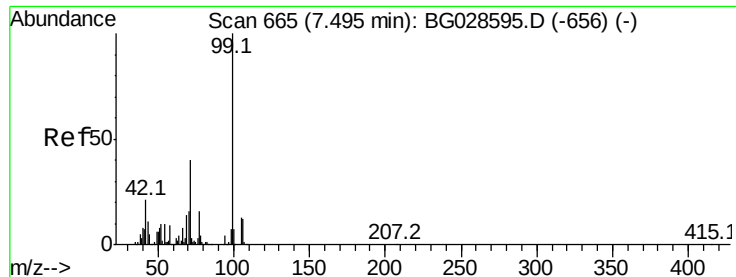
2-Fluorophenol
Concen: 42.725 ng
RT: 5.91 min Scan# 395
Delta R.T. -0.01 min
Lab File: BG028661.D
Acq: 12 Sep 2017 5:01

Tgt Ion:112 Resp: 101588
Ion Ratio Lower Upper
112 100
64 72.0 61.8 92.6
63 40.2 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: 23.675 ng

RT: 7.49 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG028661.D

Acq: 12 Sep 2017 5:01

Instrument :

BNA_G

ClientSampleId :

090817-TIDO-F-U-M

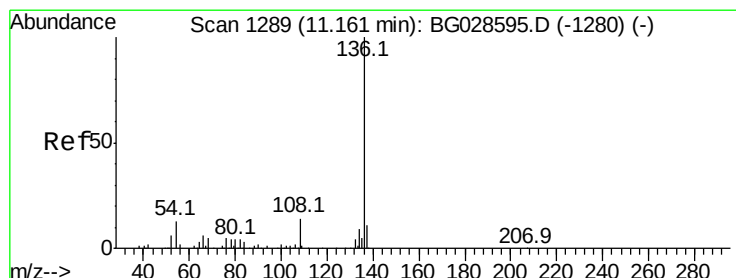
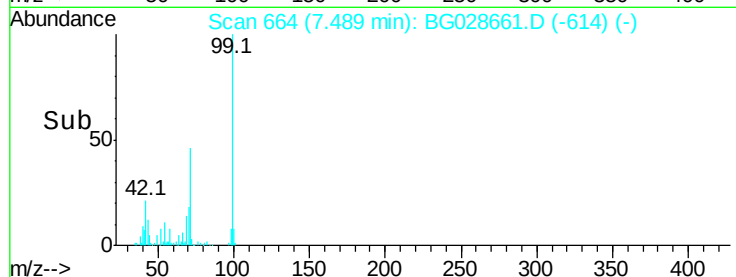
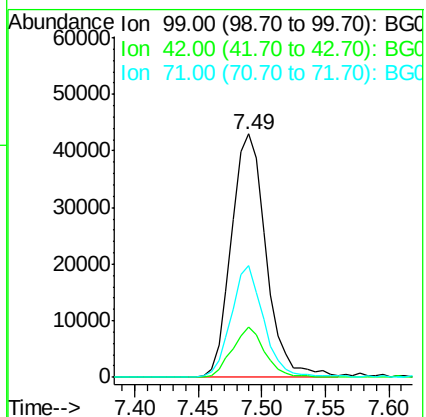
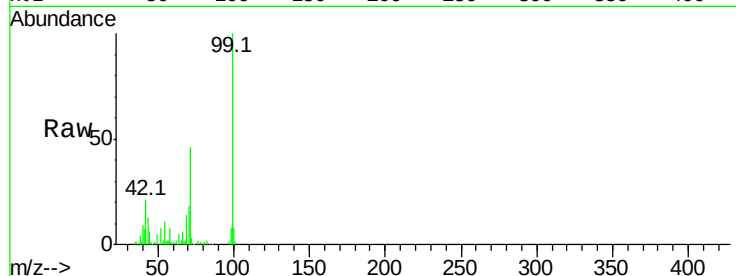
Tot Ion: 99 Resp: 81650

Ion Ratio Lower Upper

99 100

42 20.7 20.5 30.7

71 45.7 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: BG028661.D

Acq: 12 Sep 2017 5:01

Tgt Ion: 136 Resp: 153582

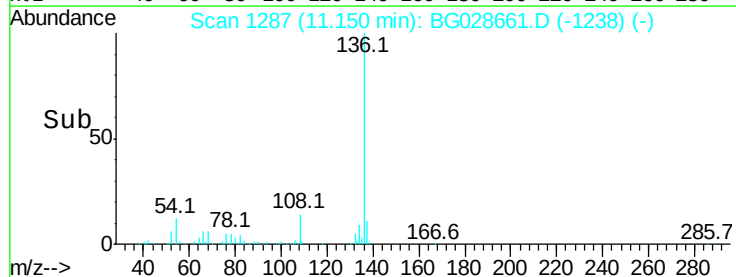
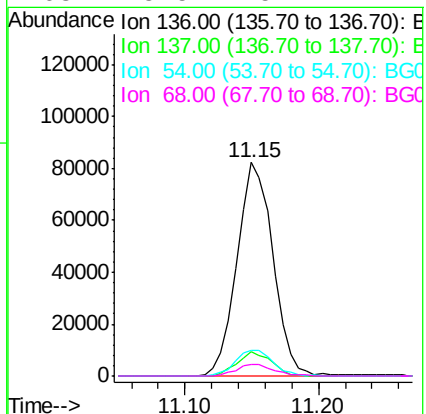
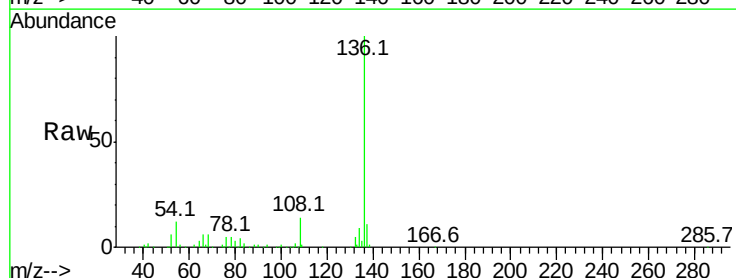
Ion Ratio Lower Upper

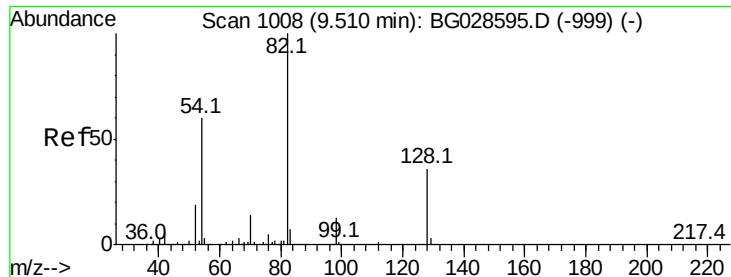
136 100

137 11.3 8.9 13.3

54 12.1 9.3 13.9

68 5.5 5.1 7.7

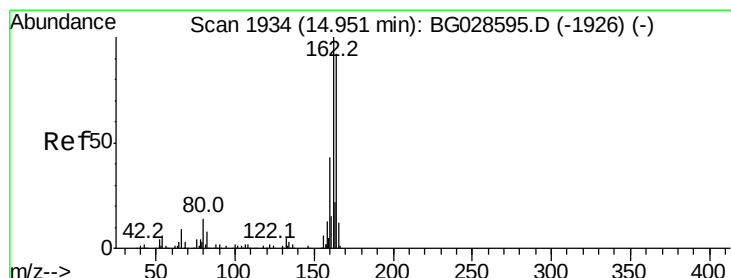
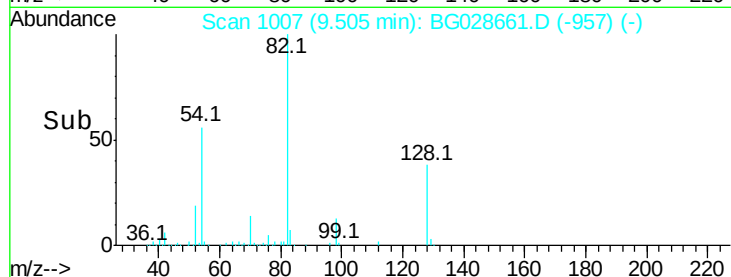
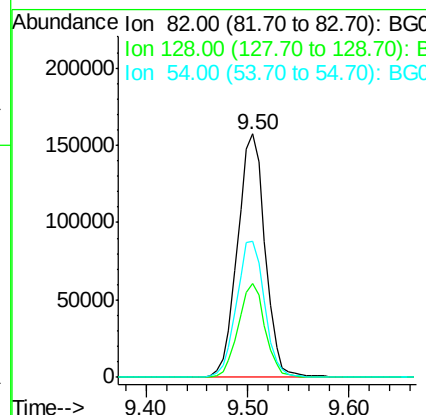
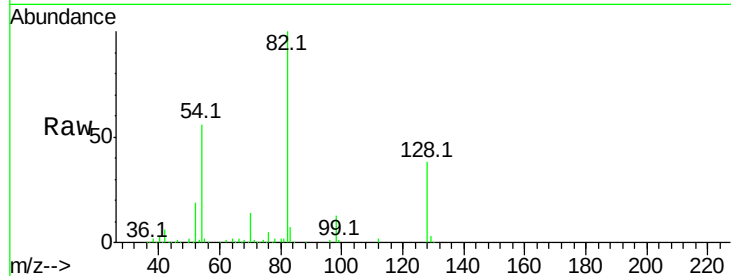




#23
 Nitrobenzene-d5
 Concen: 88.610 ng
 RT: 9.50 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BG028661.D
 Acq: 12 Sep 2017 5:01

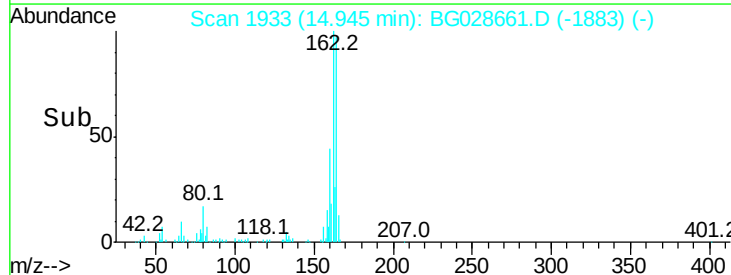
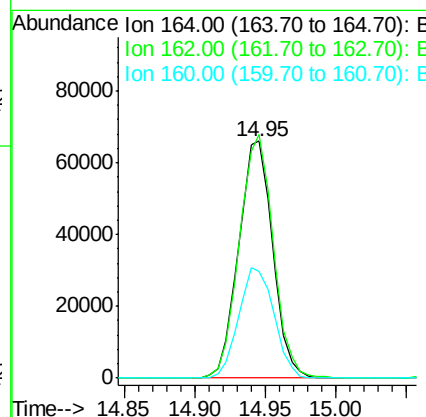
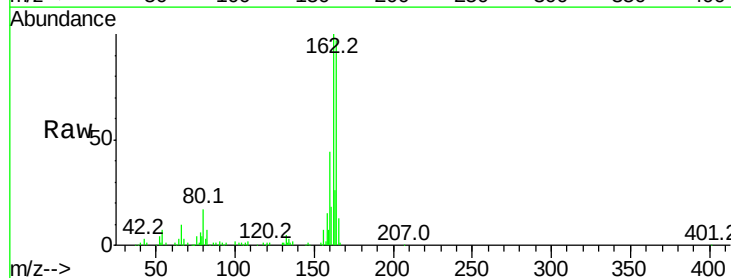
Instrument :
 BNA_G
 ClientSampleId :
 090817-TIDO-F-U-M

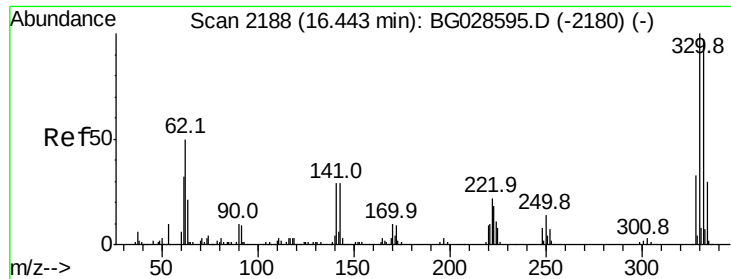
Tot Ion	Ratio	Lower	Upper
82	100		
128	38.3	26.4	39.6
54	56.1	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.95 min Scan# 1933
 Delta R.T. -0.01 min
 Lab File: BG028661.D
 Acq: 12 Sep 2017 5:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	85.1	127.7
160	45.3	34.7	52.1

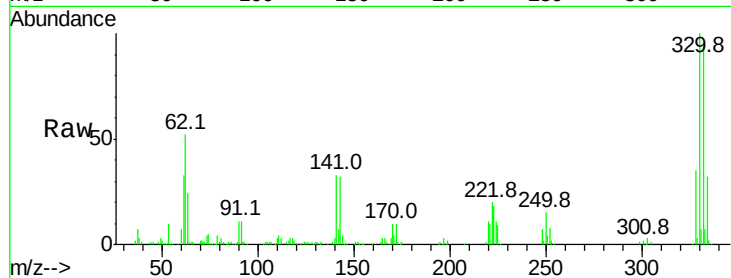




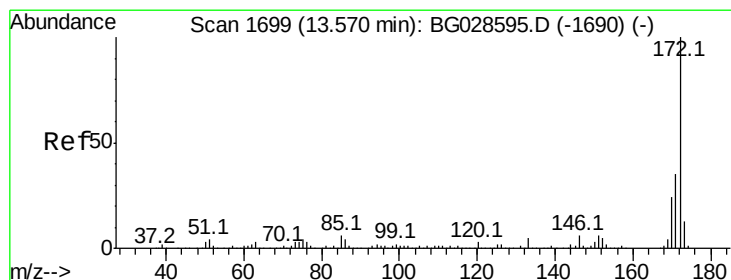
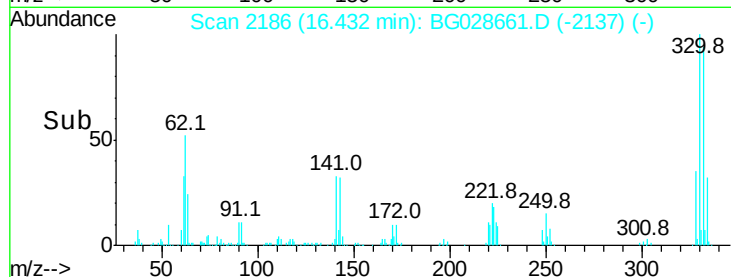
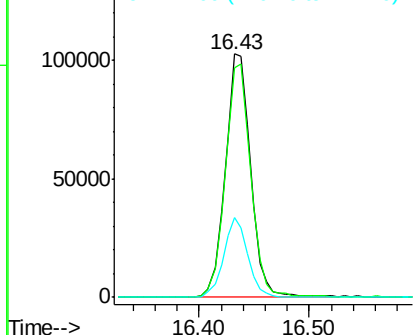
#41
 2,4,6-Tribromophenol
 Concen: 97.372 ng
 RT: 16.43 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: BG028661.D
 Acq: 12 Sep 2017 5:01

Instrument :
 BNA_G
 ClientSampleId :
 090817-TIDO-F-U-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.3	115.9
141	31.0	32.1	48.1#

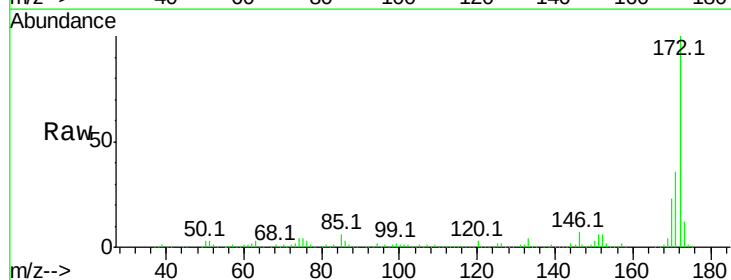


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

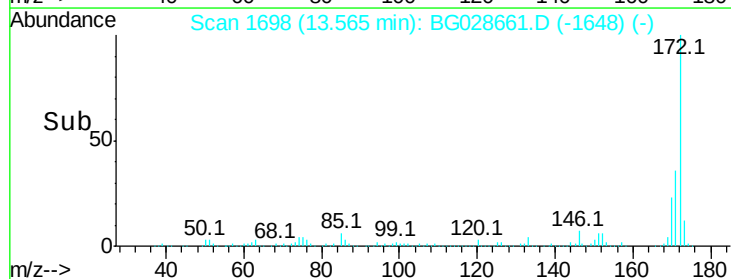
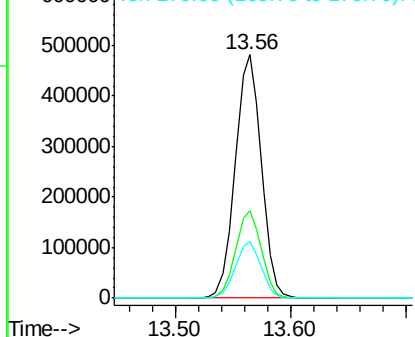


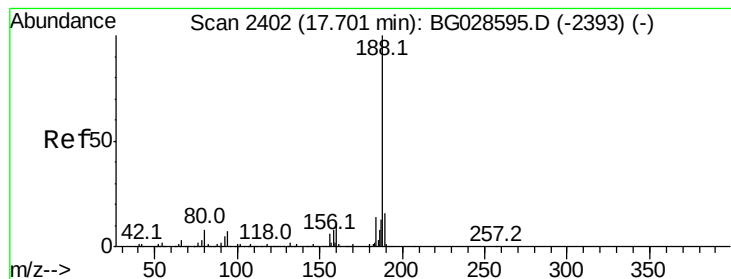
#44
 2-Fluorobiphenyl
 Concen: 87.928 ng
 RT: 13.56 min Scan# 1698
 Delta R.T. -0.01 min
 Lab File: BG028661.D
 Acq: 12 Sep 2017 5:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.70 min Scan# 2401

Delta R.T. -0.01 min

Lab File: BG028661.D

Acq: 12 Sep 2017 5:01

Instrument :

BNA_G

ClientSampleId :

090817-TIDO-F-U-M

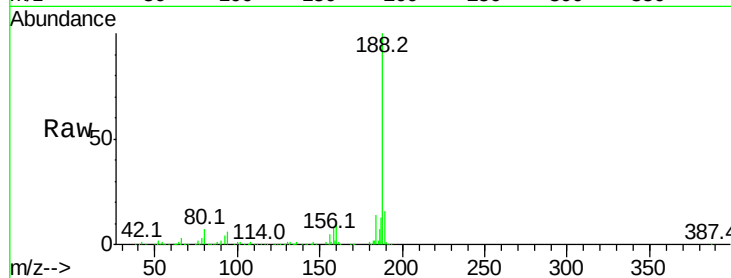
Tot Ion:188 Resp: 295716

Ion Ratio Lower Upper

188 100

94 6.3 5.8 8.8

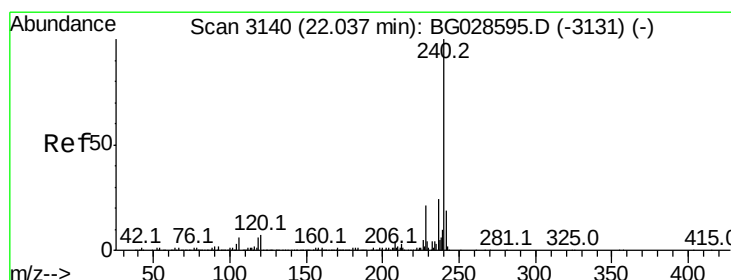
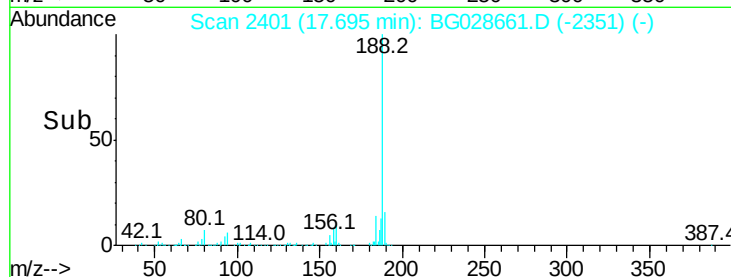
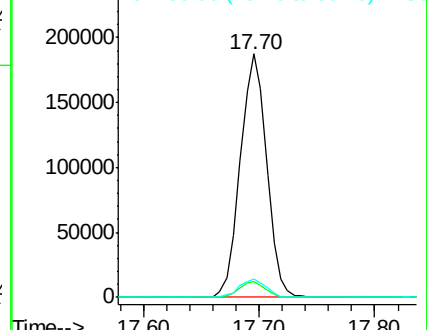
80 7.4 7.5 11.3#



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: BG028661.D

Acq: 12 Sep 2017 5:01

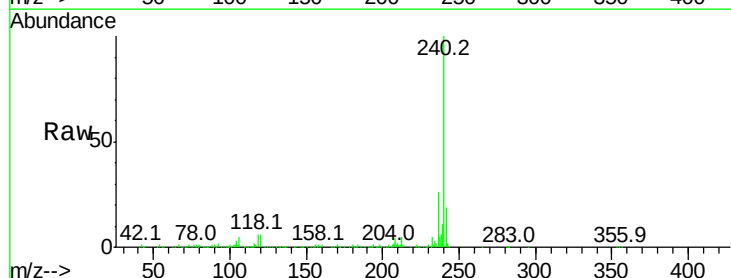
Tgt Ion:240 Resp: 345830

Ion Ratio Lower Upper

240 100

120 6.5 5.7 8.5

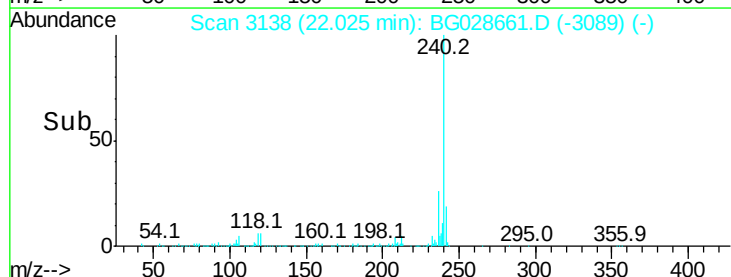
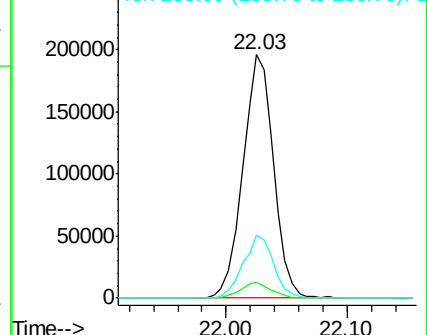
236 25.7 22.2 33.4

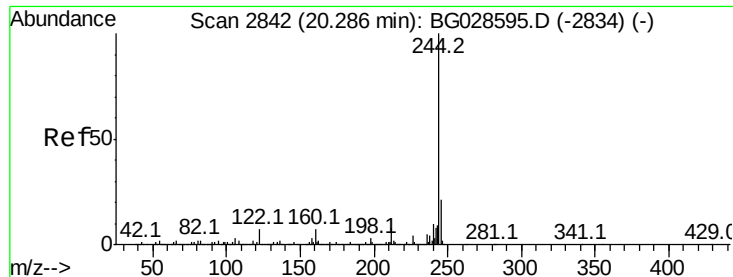


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 81.892 ng

RT: 20.28 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BG028661.D

Acq: 12 Sep 2017 5:01

Instrument :

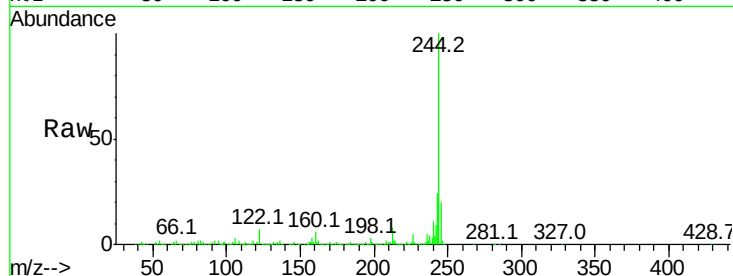
BNA_G

ClientSampleId :

090817-TIDO-F-U-M

Tot Ion:244 Resp: 1314487

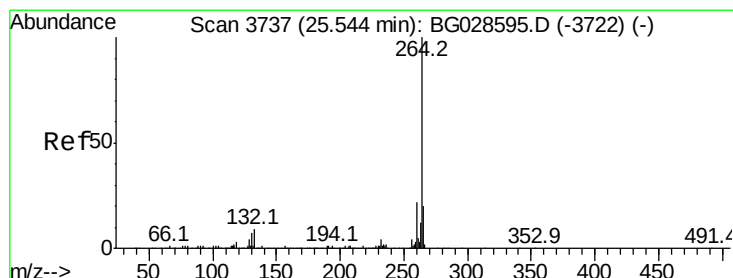
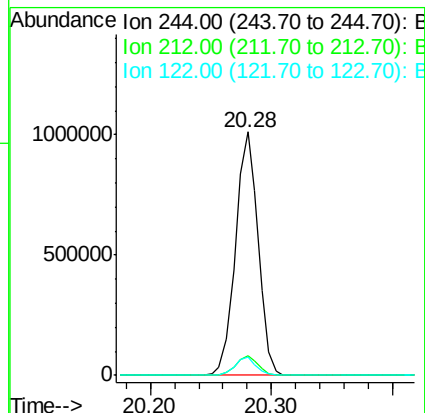
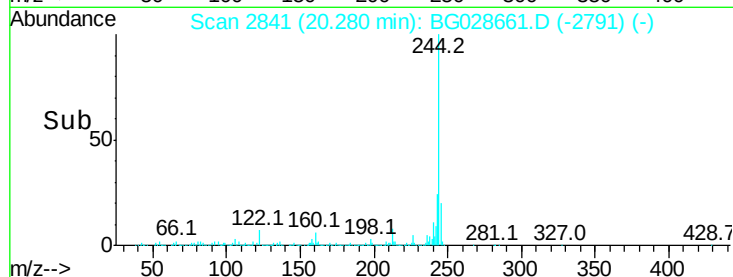
Ion	Ratio	Lower	Upper
244	100		
212	7.8	10.0	15.0#
122	7.4	8.6	12.8#



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# 3735

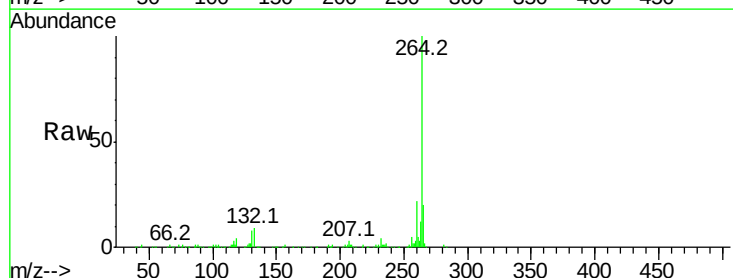
Delta R.T. -0.01 min

Lab File: BG028661.D

Acq: 12 Sep 2017 5:01

Tgt Ion:264 Resp: 340202

Ion	Ratio	Lower	Upper
264	100		
260	21.8	21.8	32.8#
265	20.5	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

