

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091417\
 Data File : BG028756.D
 Acq On : 15 Sep 2017 6:38
 Operator : SJ/JU
 Sample : I5224-07
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 091117-TIDO-F-D-M

Quant Time: Sep 15 09:19:55 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

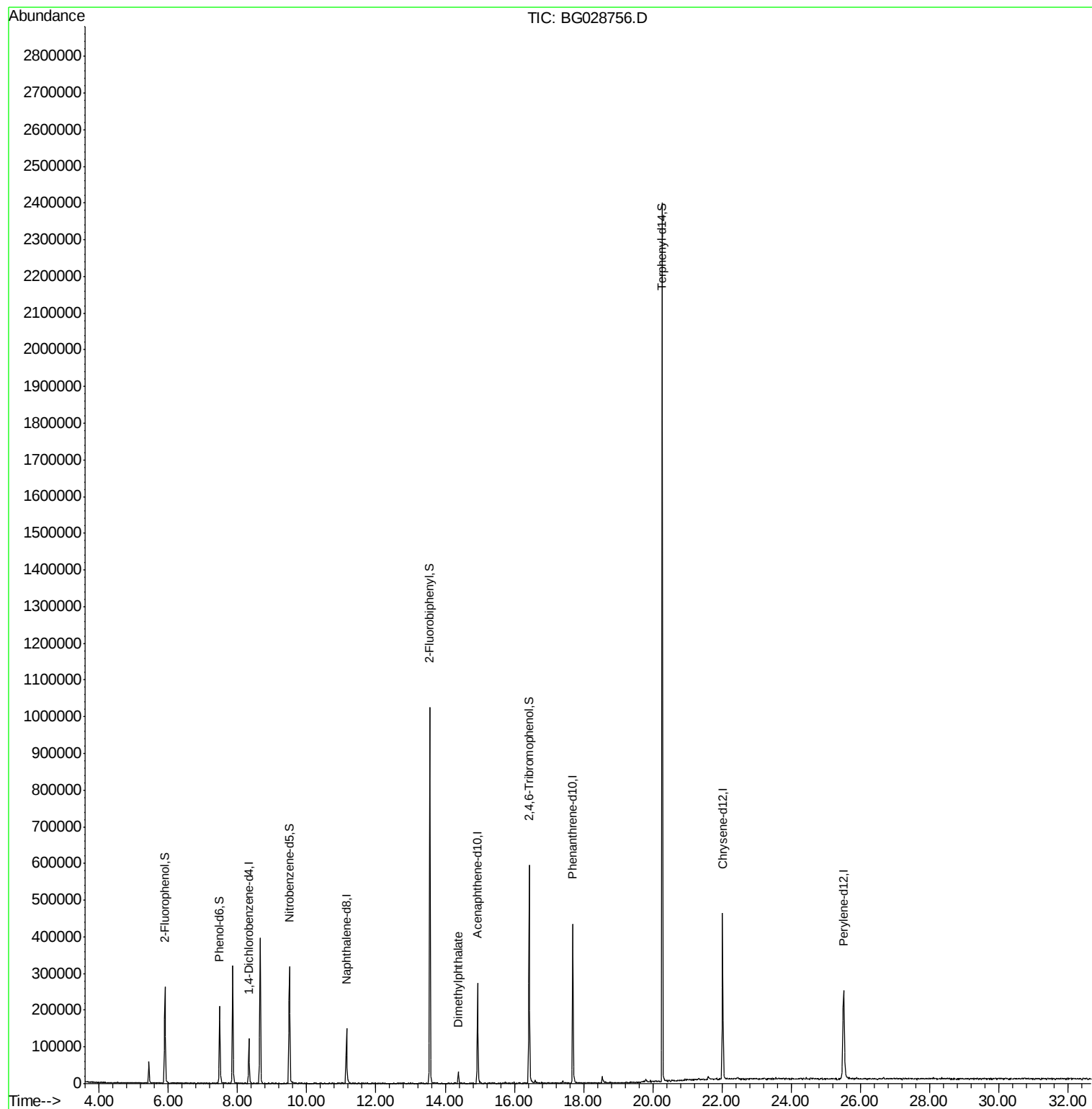
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	35622	20.00	ng	0.00
21) Naphthalene-d8	11.14	136	136279	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	105028	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	283795	20.00	ng	0.00
75) Chrysene-d12	22.02	240	314486	20.00	ng	-0.01
86) Perylene-d12	25.52	264	323309	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	116687	54.05	ng	0.00
7) Phenol-d6	7.48	99	135441	41.67	ng	-0.01
23) Nitrobenzene-d5	9.50	82	213444	74.92	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	134952	77.69	ng	-0.01
44) 2-Fluorobiphenyl	13.56	172	575203	73.03	ng	0.00
78) Terphenyl-d14	20.27	244	1086486	73.68	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.38	163	23901	2.714	ng	Qvalue # 93

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.33 min Scan# 807

Delta R.T. -0.00 min

Lab File: BG028756.D

Acq: 15 Sep 2017 6:38

Instrument :

BNA_G

ClientSampleId :

091117-TIDO-F-D-M

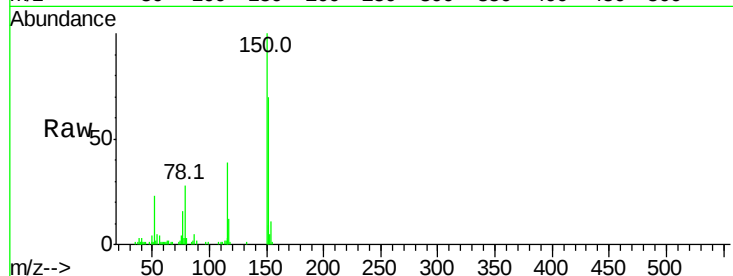
Tot Ion:152 Resp: 35622

Ion Ratio Lower Upper

152 100

150 141.9 114.0 171.0

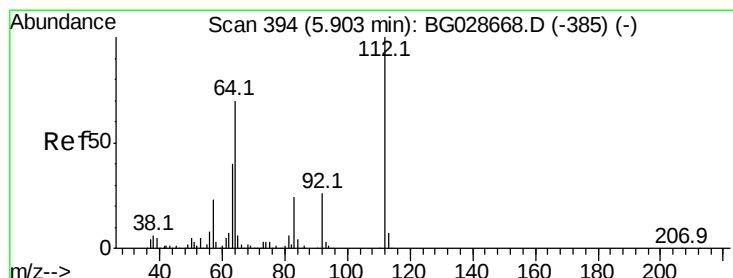
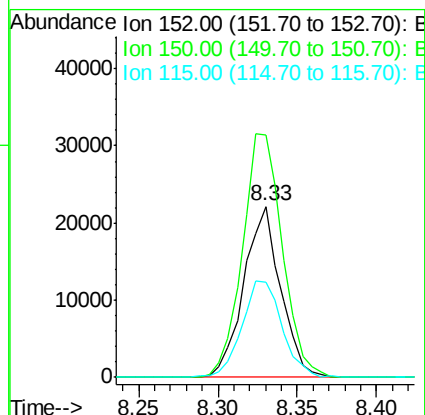
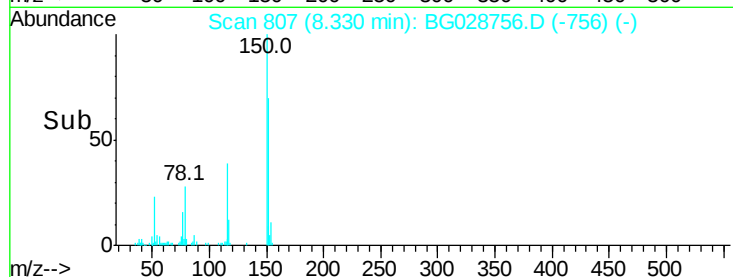
115 55.3 48.1 72.1



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: 54.051 ng

RT: 5.90 min Scan# 394

Delta R.T. 0.00 min

Lab File: BG028756.D

Acq: 15 Sep 2017 6:38

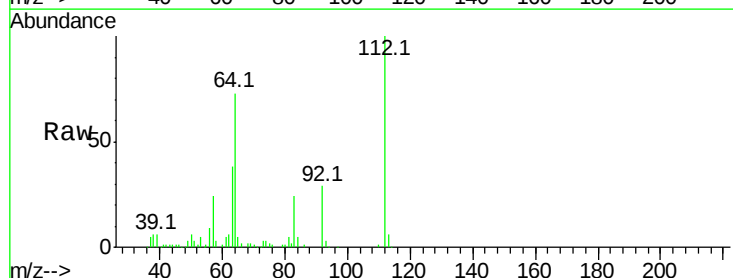
Tgt Ion:112 Resp: 116687

Ion Ratio Lower Upper

112 100

64 73.2 61.8 92.6

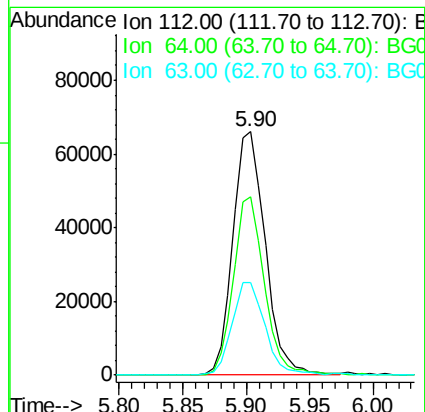
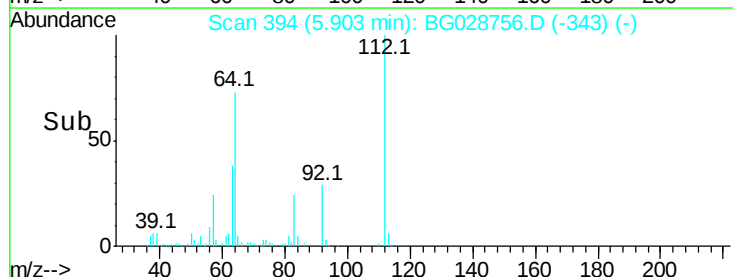
63 38.1 37.2 55.8

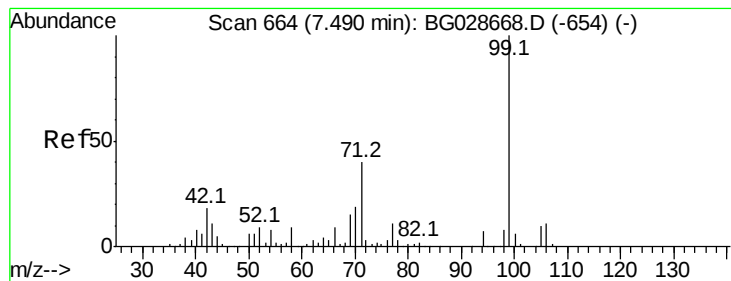


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 41.669 ng

RT: 7.48 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG028756.D

Acq: 15 Sep 2017 6:38

Instrument :

BNA_G

ClientSampleId :

091117-TIDO-F-D-M

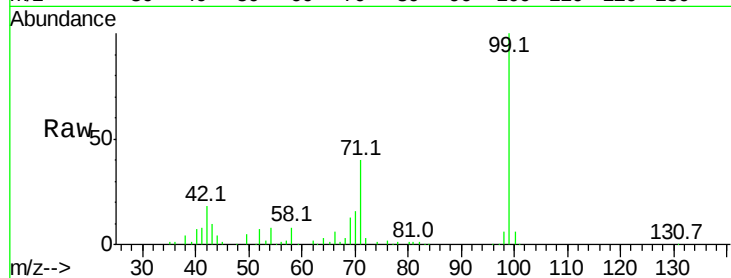
Tot Ion: 99 Resp: 135441

Ion Ratio Lower Upper

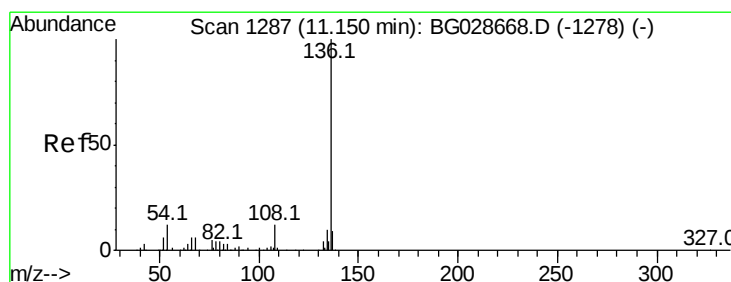
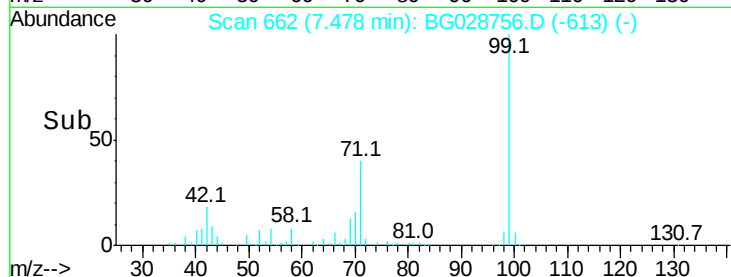
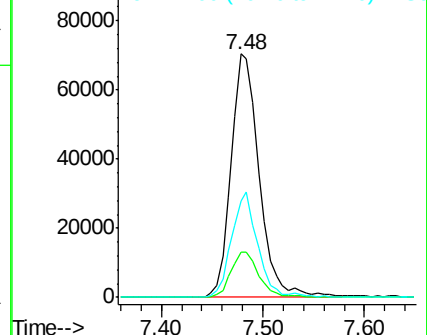
99 100

42 18.3 20.5 30.7#

71 39.9 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: 11.14 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BG028756.D

Acq: 15 Sep 2017 6:38

Tgt Ion: 136 Resp: 136279

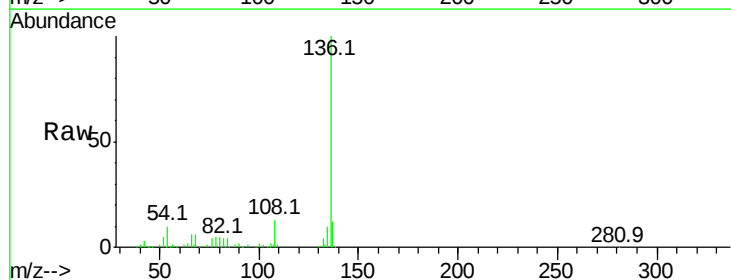
Ion Ratio Lower Upper

136 100

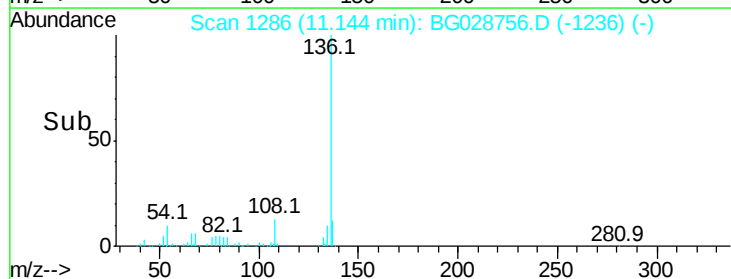
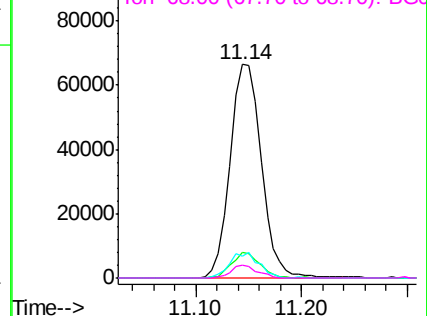
137 12.1 8.9 13.3

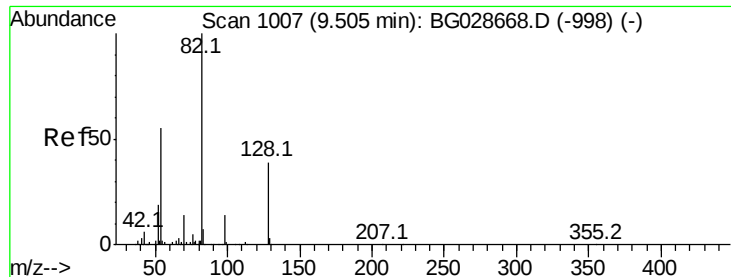
54 10.3 9.3 13.9

68 5.9 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

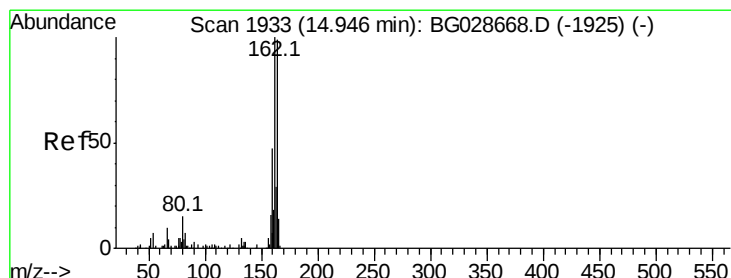
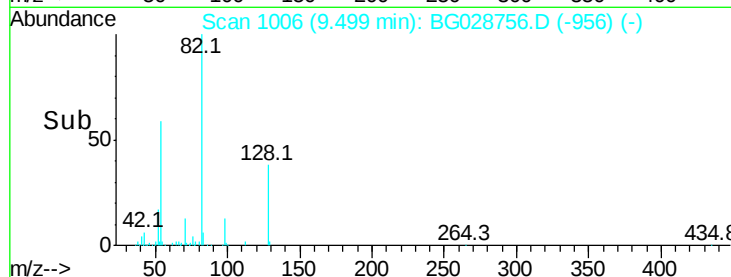
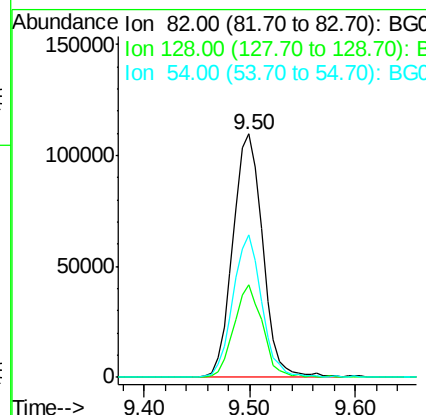
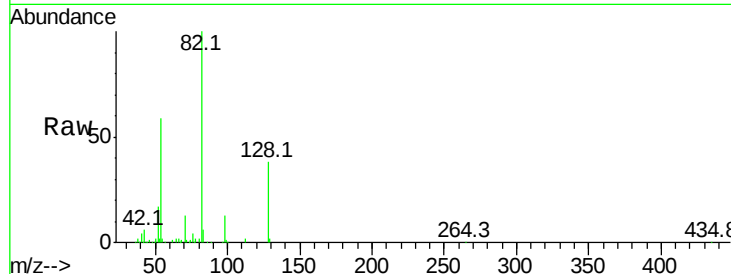




#23
 Nitrobenzene-d5
 Concen: 74.924 ng
 RT: 9.50 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BG028756.D
 Acq: 15 Sep 2017 6:38

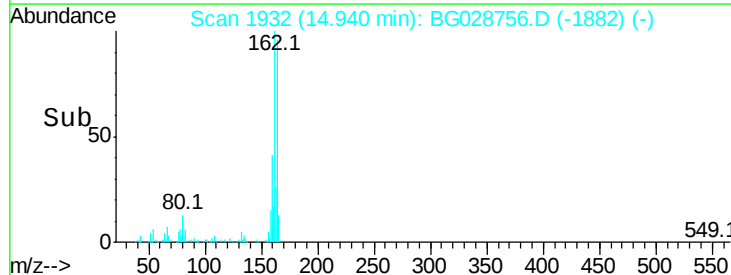
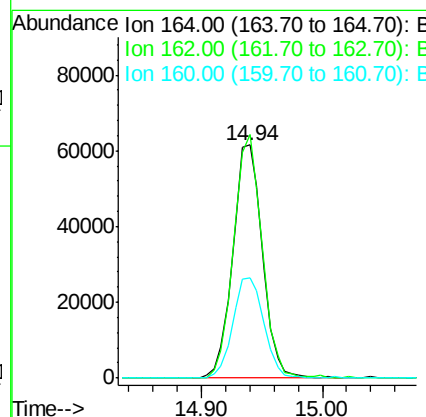
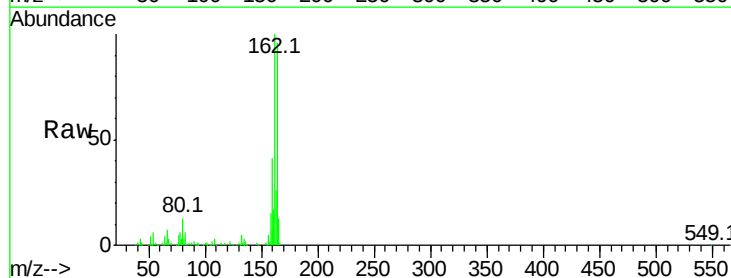
Instrument :
 BNA_G
 ClientSampleId :
 091117-TIDO-F-D-M

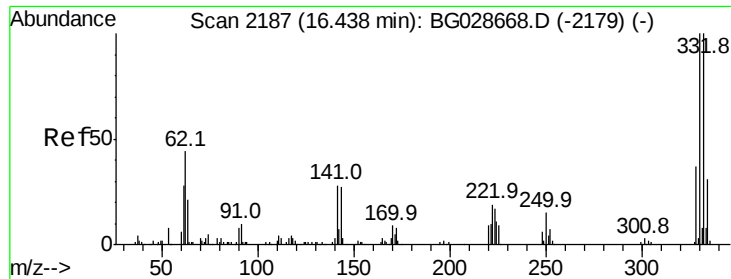
Tot Ion	82	Resp	213444
Ion Ratio	Lower	Upper	
82	100		
128	38.1	26.4	39.6
54	58.8	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.94 min Scan# 1932
 Delta R.T. -0.01 min
 Lab File: BG028756.D
 Acq: 15 Sep 2017 6:38

Tgt Ion	164	Resp	105028
Ion Ratio	Lower	Upper	
164	100		
162	104.6	85.1	127.7
160	43.0	34.7	52.1

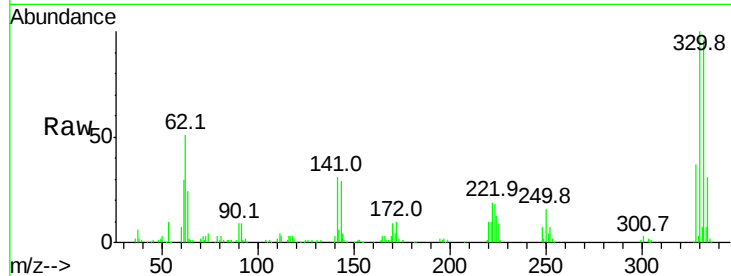




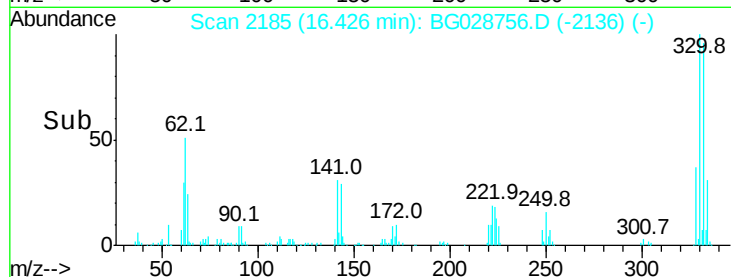
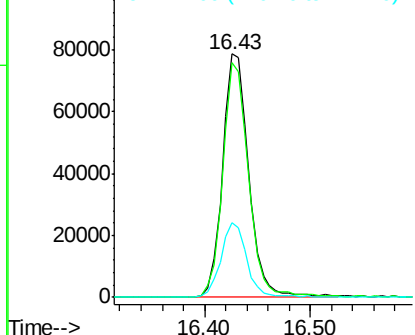
#41
 2,4,6-Tribromophenol
 Concen: 77.688 ng
 RT: 16.43 min Scan# 2185
 Delta R.T. -0.01 min
 Lab File: BG028756.D
 Acq: 15 Sep 2017 6:38

Instrument :
 BNA_G
 ClientSampleId :
 091117-TIDO-F-D-M

Tot Ion:330 Resp: 134952
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.3 115.9
 141 30.2 32.1 48.1#

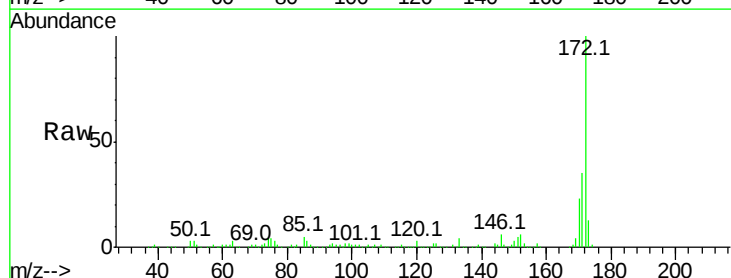


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

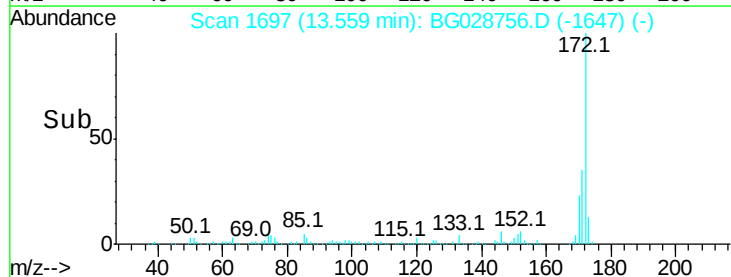
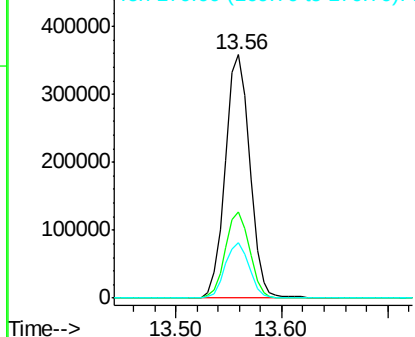


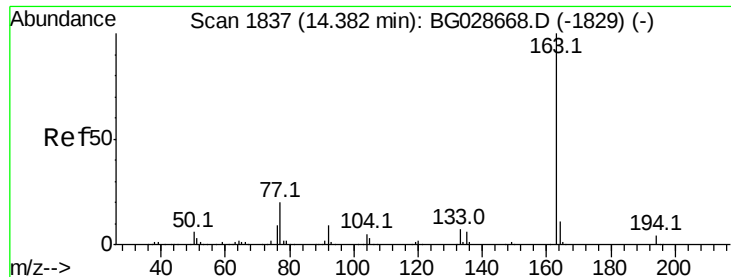
#44
 2-Fluorobiphenyl
 Concen: 73.027 ng
 RT: 13.56 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BG028756.D
 Acq: 15 Sep 2017 6:38

Tgt Ion:172 Resp: 575203
 Ion Ratio Lower Upper
 172 100
 171 35.5 32.2 48.2
 170 22.6 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





#49

Dimethylphthalate

Concen: 2.714 ng

RT: 14.38 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BG028756.D

Acq: 15 Sep 2017 6:38

Instrument :

BNA_G

ClientSampleId :

091117-TIDO-F-D-M

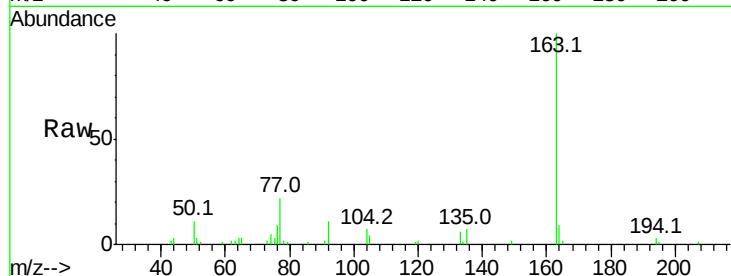
Tot Ion:163 Resp: 23901

Ion Ratio Lower Upper

163 100

194 3.3 3.8 5.6#

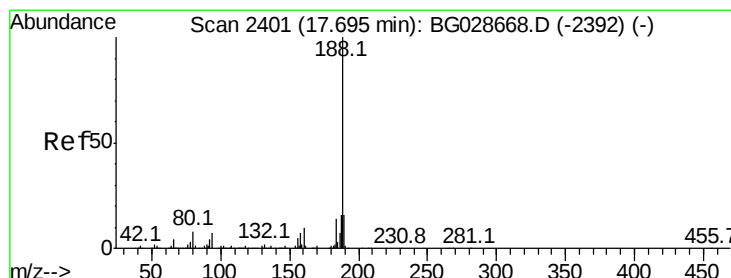
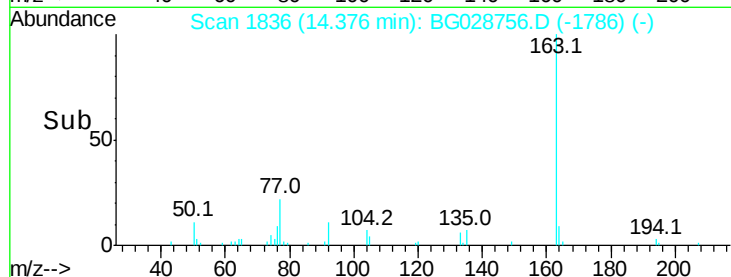
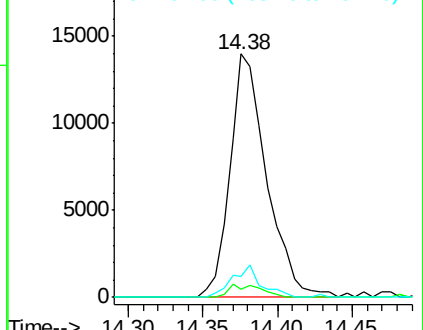
164 8.7 9.3 13.9#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.69 min Scan# 2400

Delta R.T. -0.01 min

Lab File: BG028756.D

Acq: 15 Sep 2017 6:38

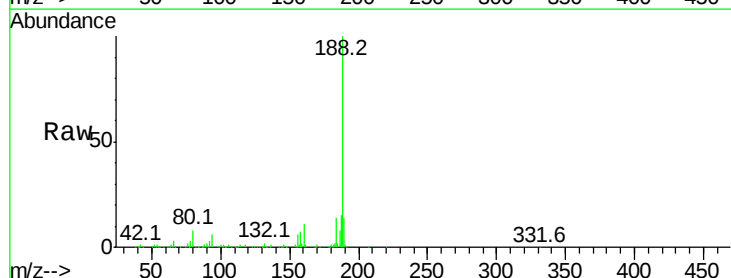
Tgt Ion:188 Resp: 283795

Ion Ratio Lower Upper

188 100

94 6.1 5.8 8.8

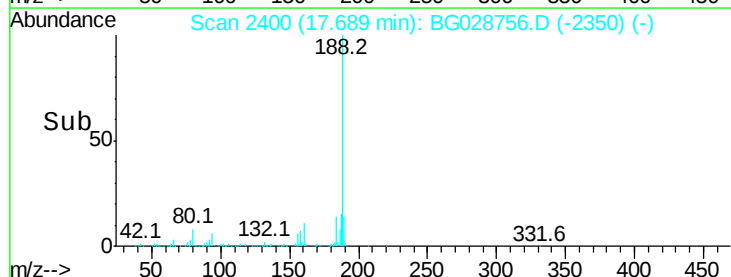
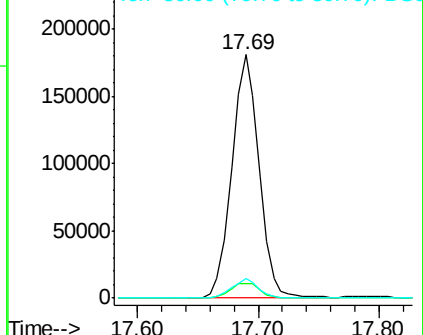
80 8.1 7.5 11.3



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: 22.02 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BG028756.D

Acq: 15 Sep 2017 6:38

Instrument :

BNA_G

ClientSampleId :

091117-TIDO-F-D-M

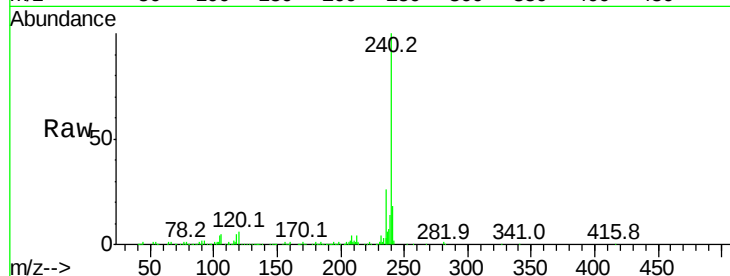
Tot Ion:240 Resp: 314486

Ion Ratio Lower Upper

240 100

120 5.8 5.7 8.5

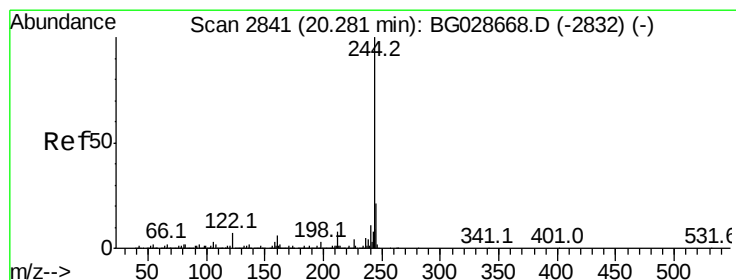
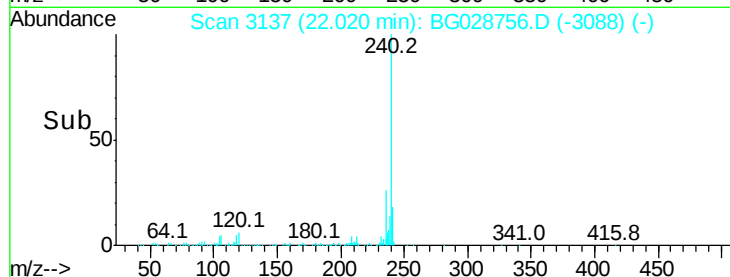
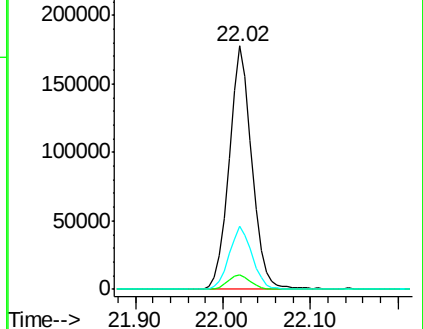
236 26.1 22.2 33.4



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: 73.676 ng

RT: 20.27 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BG028756.D

Acq: 15 Sep 2017 6:38

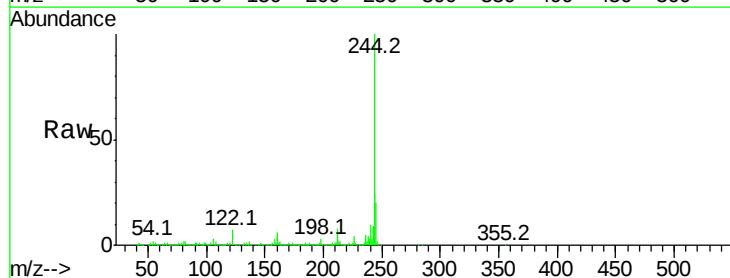
Tgt Ion:244 Resp: 1086486

Ion Ratio Lower Upper

244 100

212 7.6 10.0 15.0#

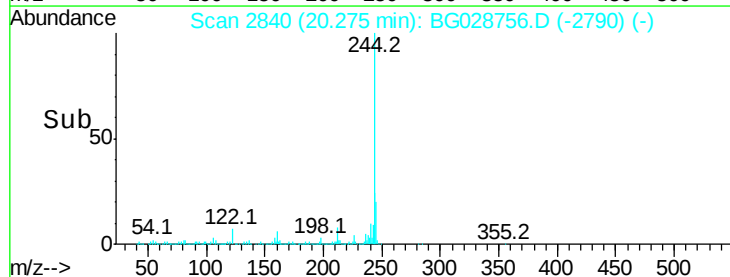
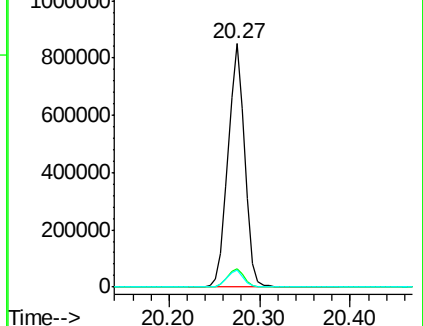
122 7.0 8.6 12.8#

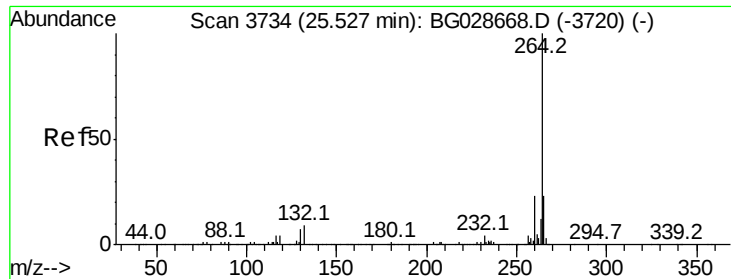


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.52 min Scan# 3732
Delta R.T. -0.01 min
Lab File: BG028756.D
Acq: 15 Sep 2017 6:38

Instrument :
BNA_G
ClientSampleId :
091117-TIDO-F-D-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	21.8	32.8
265	21.5	18.2	27.4

