

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091417\
 Data File : BG028764.D
 Acq On : 15 Sep 2017 11:55
 Operator : SJ/JU
 Sample : I5225-02
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 091217-TIDO-F-U-M

Quant Time: Sep 15 13:08:47 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

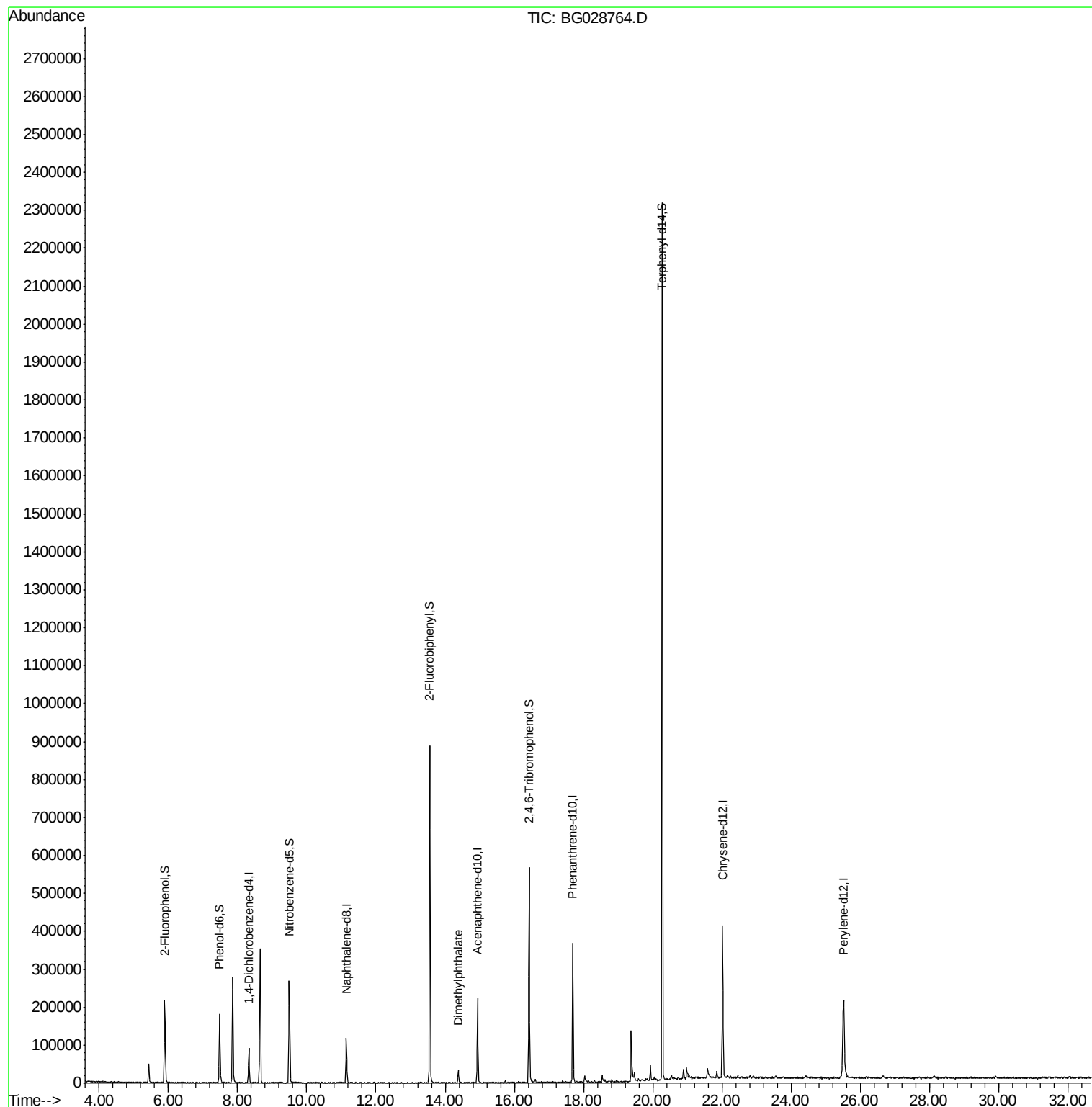
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	27437	20.00	ng	0.00
21) Naphthalene-d8	11.14	136	108640	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	83509	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	241428	20.00	ng	0.00
75) Chrysene-d12	22.02	240	274958	20.00	ng	-0.01
86) Perylene-d12	25.52	264	278583	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	97369	58.56	ng	0.00
7) Phenol-d6	7.48	99	112307	44.86	ng	-0.01
23) Nitrobenzene-d5	9.49	82	179771	79.16	ng	-0.01
41) 2,4,6-Tribromophenol	16.43	330	124836	90.38	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	499517	79.76	ng	0.00
78) Terphenyl-d14	20.27	244	1034070	80.20	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.38	163	26405	3.771	ng	Qvalue # 91

(#) = 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: BG028764.D

Acq: 15 Sep 2017 11:55

Instrument :

BNA_G

ClientSampleId :

091217-TIDO-F-U-M

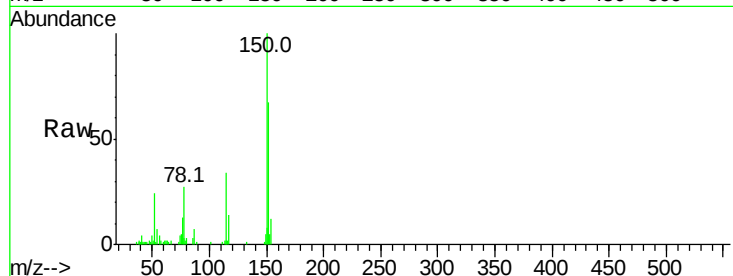
Tot Ion:152 Resp: 27437

Ion Ratio Lower Upper

152 100

150 149.9 114.0 171.0

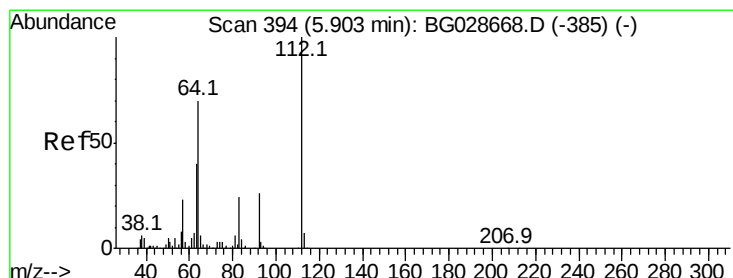
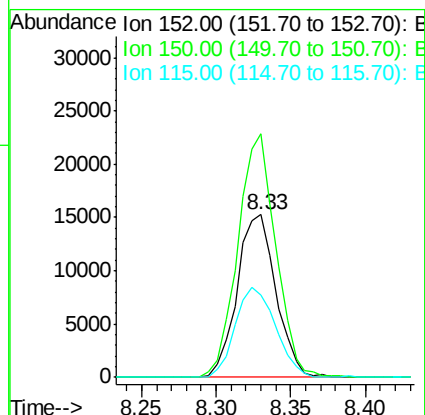
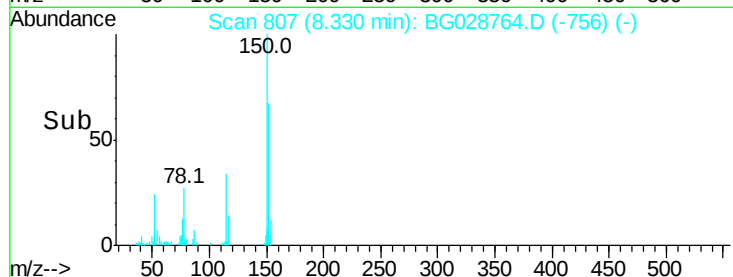
115 50.7 48.1 72.1



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: 58.557 ng

RT: 5.90 min Scan# 393

Delta R.T. -0.01 min

Lab File: BG028764.D

Acq: 15 Sep 2017 11:55

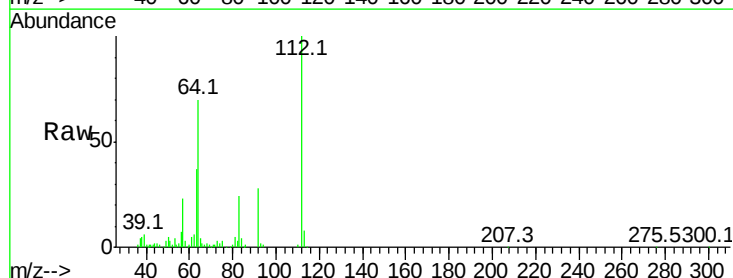
Tgt Ion:112 Resp: 97369

Ion Ratio Lower Upper

112 100

64 69.7 61.8 92.6

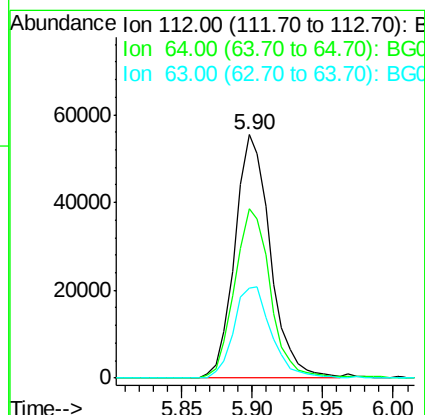
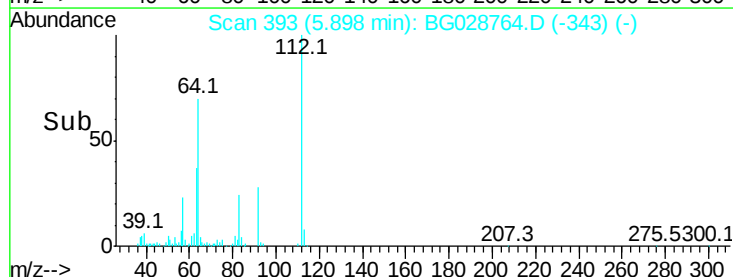
63 36.8 37.2 55.8#

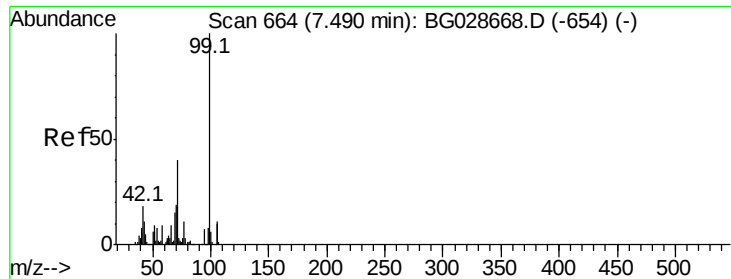


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 44.859 ng

RT: 7.48 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG028764.D

Acq: 15 Sep 2017 11:55

Instrument :

BNA_G

ClientSampleId :

091217-TIDO-F-U-M

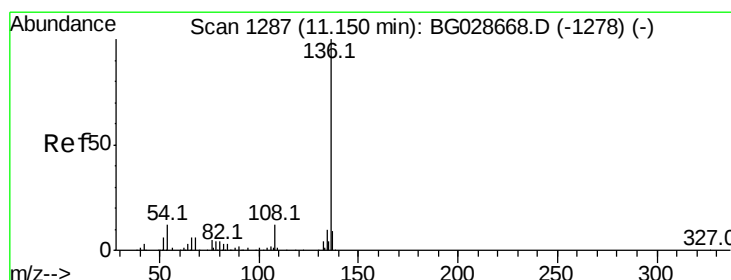
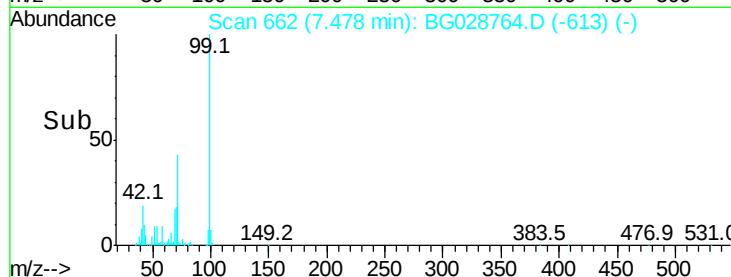
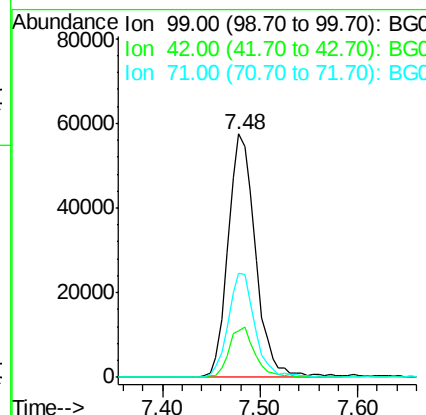
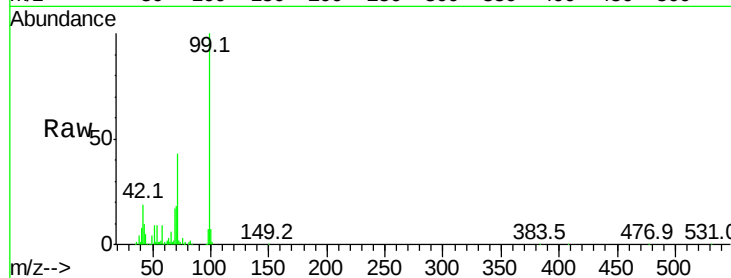
Tot Ion: 99 Resp: 112307

Ion Ratio Lower Upper

99 100

42 19.0 20.5 30.7#

71 42.9 37.6 56.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.14 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BG028764.D

Acq: 15 Sep 2017 11:55

Tgt Ion: 136 Resp: 108640

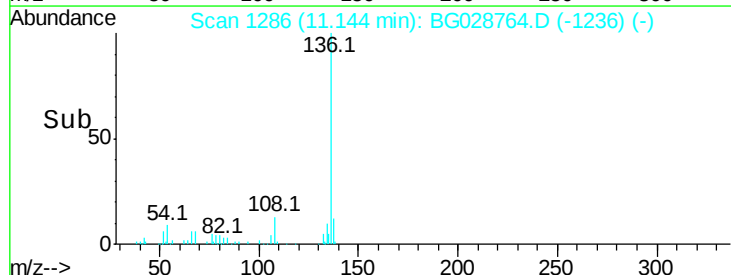
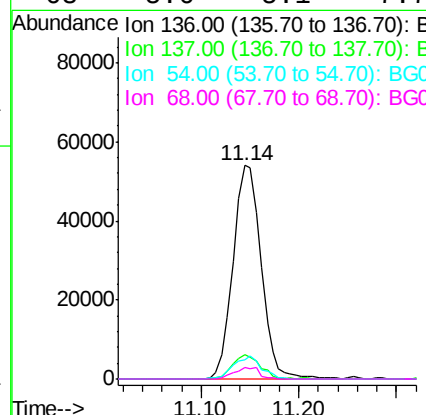
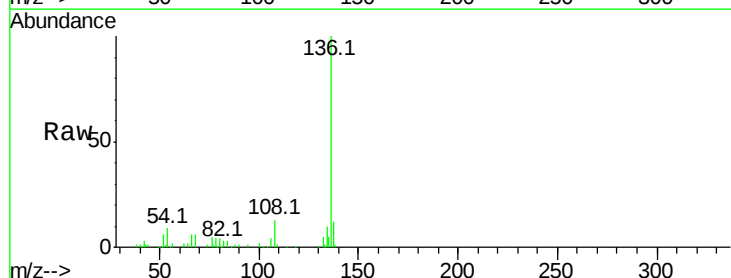
Ion Ratio Lower Upper

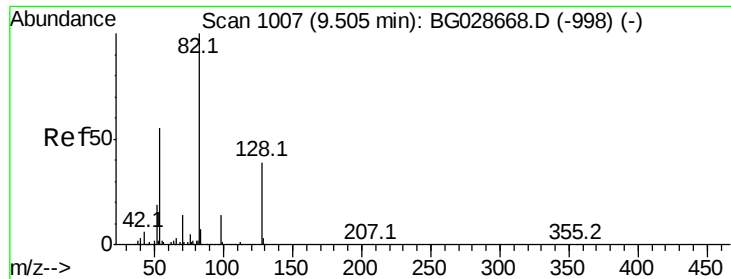
136 100

137 11.5 8.9 13.3

54 9.2 9.3 13.9#

68 5.6 5.1 7.7

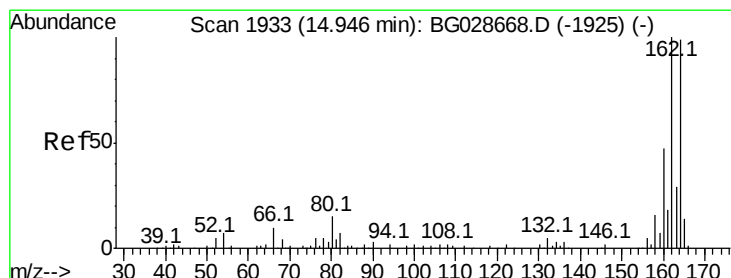
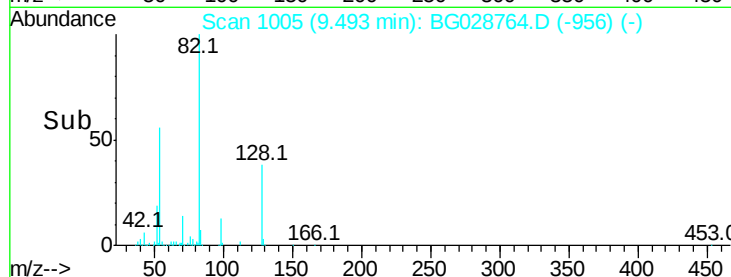
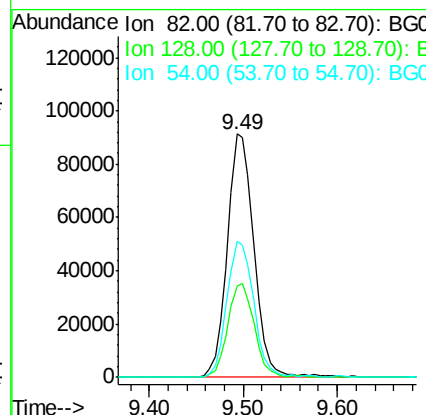
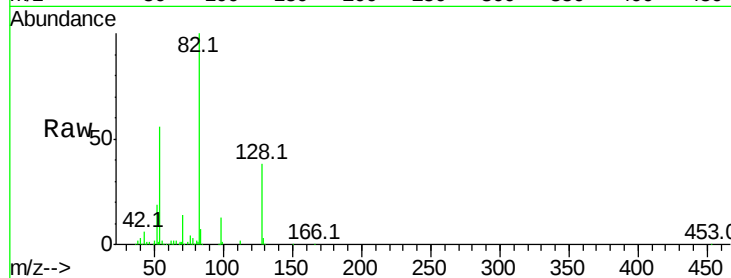




#23
 Nitrobenzene-d5
 Concen: 79.158 ng
 RT: 9.49 min Scan# 1005
 Delta R.T. -0.01 min
 Lab File: BG028764.D
 Acq: 15 Sep 2017 11:55

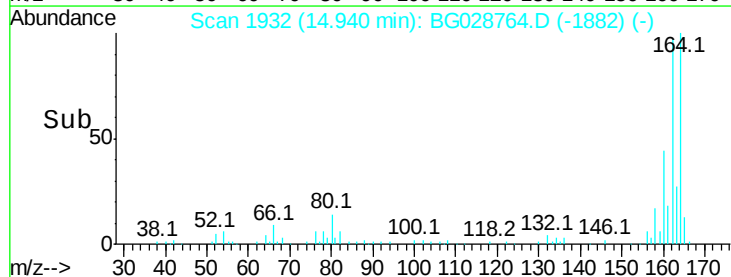
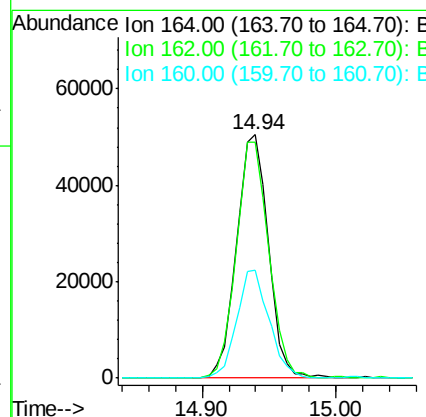
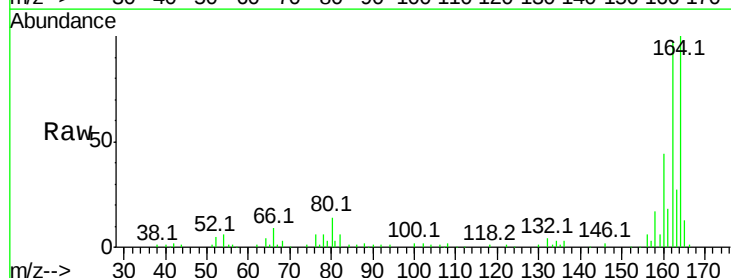
Instrument :
 BNA_G
 ClientSampleId :
 091217-TIDO-F-U-M

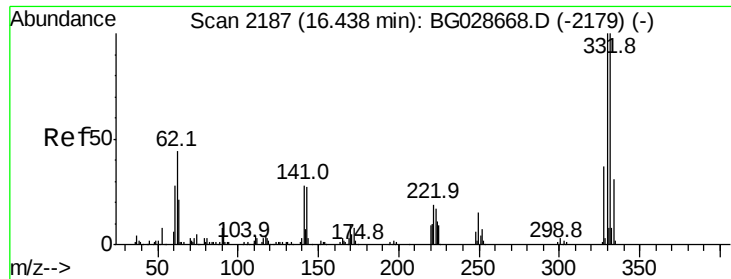
Tot Ion	Ratio	Lower	Upper
82	100		
128	37.6	26.4	39.6
54	55.6	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.94 min Scan# 1932
 Delta R.T. -0.01 min
 Lab File: BG028764.D
 Acq: 15 Sep 2017 11:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.0	85.1	127.7
160	44.1	34.7	52.1

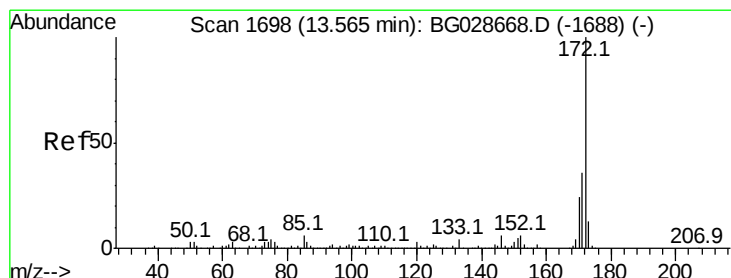
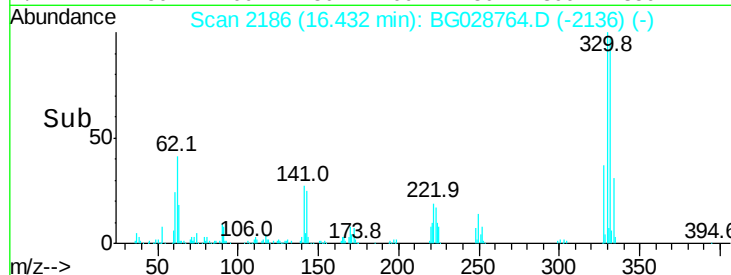
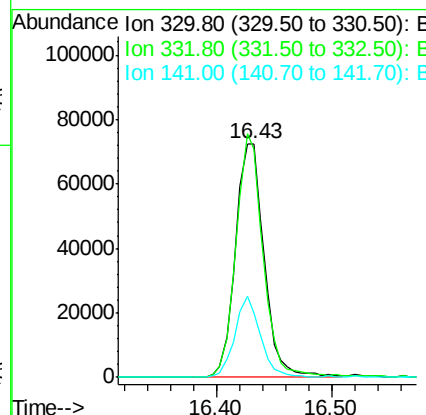
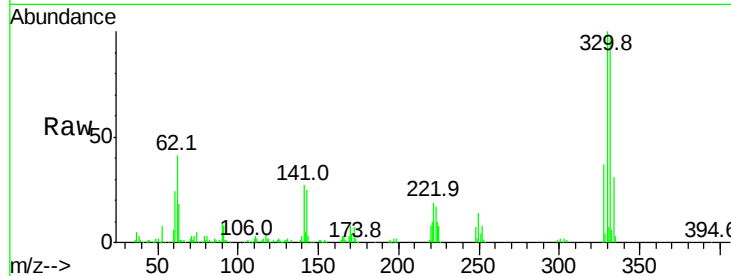




#41
 2,4,6-Tribromophenol
 Concen: 90.383 ng
 RT: 16.43 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: BG028764.D
 Acq: 15 Sep 2017 11:55

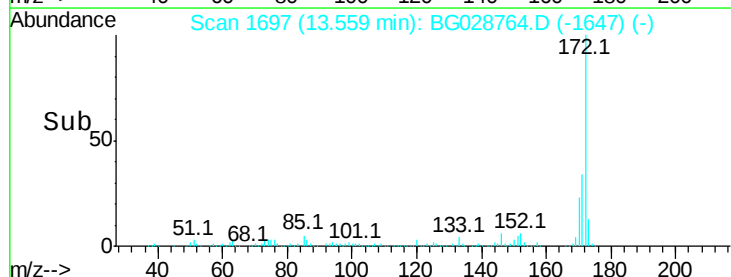
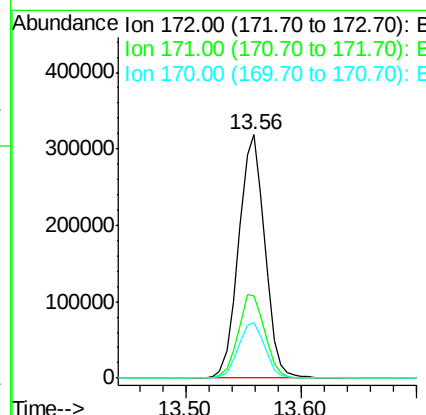
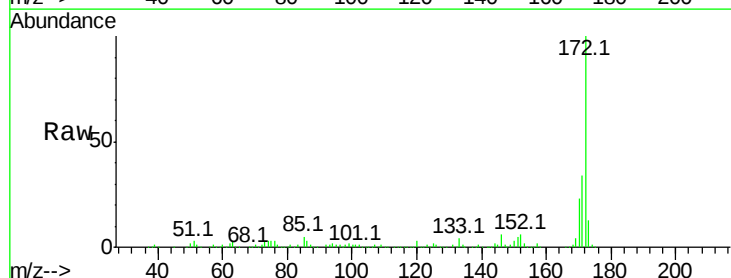
Instrument :
 BNA_G
 ClientSampleId :
 091217-TIDO-F-U-M

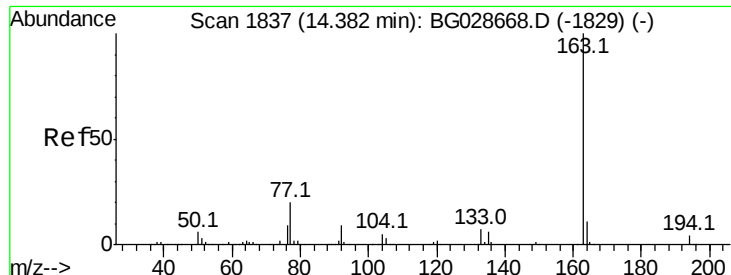
Tot Ion	Ratio	Lower	Upper
330	100		
332	99.3	77.3	115.9
141	31.0	32.1	48.1#



#44
 2-Fluorobiphenyl
 Concen: 79.760 ng
 RT: 13.56 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BG028764.D
 Acq: 15 Sep 2017 11:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.1	32.2	48.2
170	22.8	21.8	32.6





#49

Dimethylphthalate

Concen: 3.771 ng

RT: 14.38 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BG028764.D

Acq: 15 Sep 2017 11:55

Instrument :

BNA_G

ClientSampleId :

091217-TIDO-F-U-M

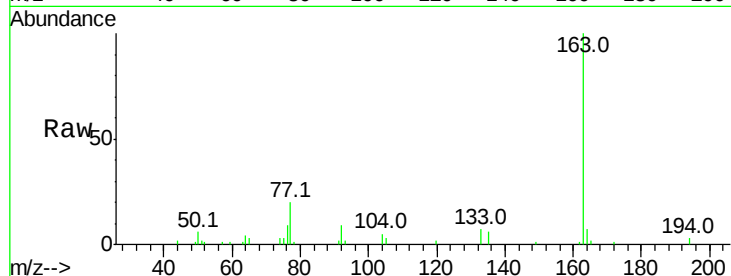
Tot Ion:163 Resp: 26405

Ion Ratio Lower Upper

163 100

194 3.2 3.8 5.6#

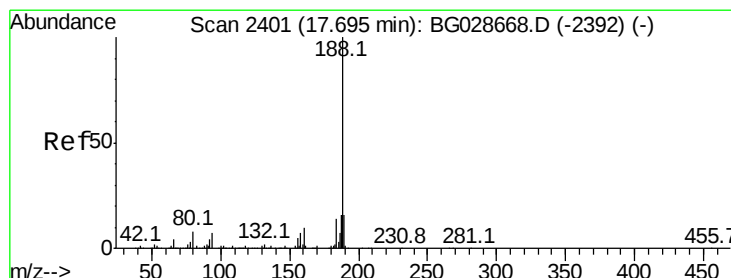
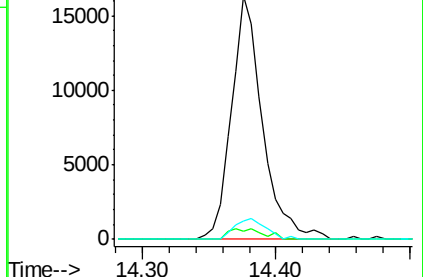
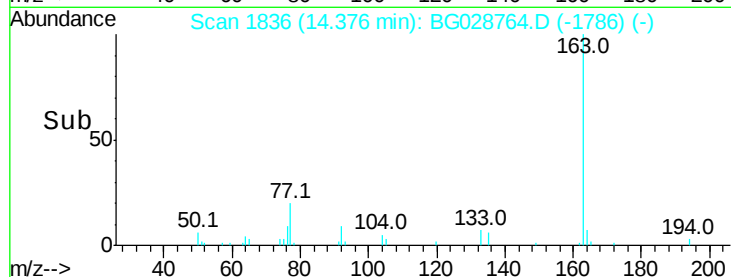
164 7.3 9.3 13.9#



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: BG028764.D

Acq: 15 Sep 2017 11:55

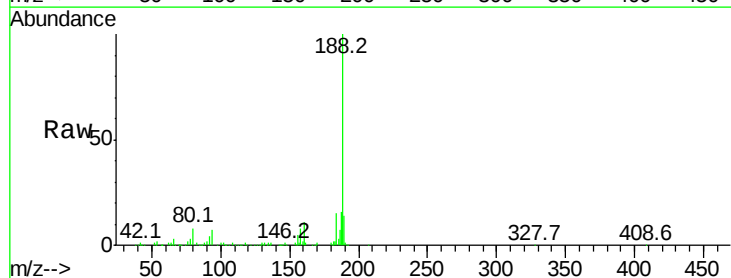
Tgt Ion:188 Resp: 241428

Ion Ratio Lower Upper

188 100

94 6.7 5.8 8.8

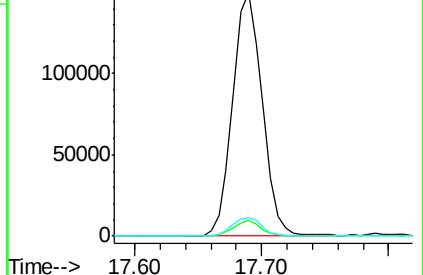
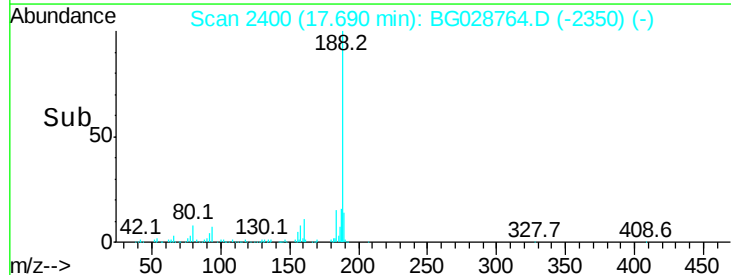
80 7.7 7.5 11.3



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: BG028764.D

Acq: 15 Sep 2017 11:55

Instrument :

BNA_G

ClientSampleId :

091217-TIDO-F-U-M

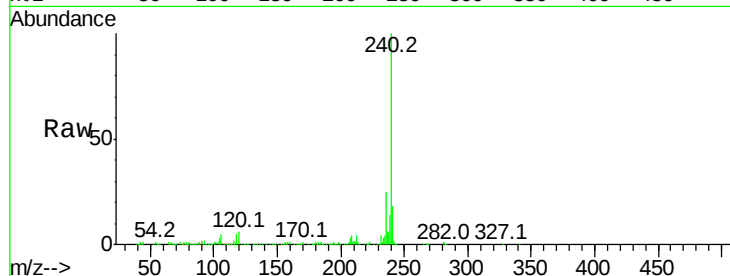
Tot Ion:240 Resp: 274958

Ion Ratio Lower Upper

240 100

120 6.1 5.7 8.5

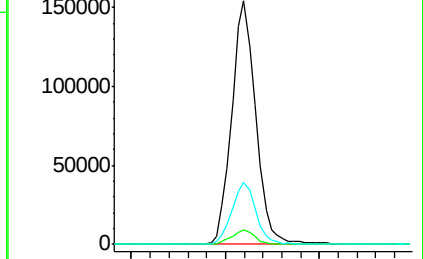
236 25.3 22.2 33.4



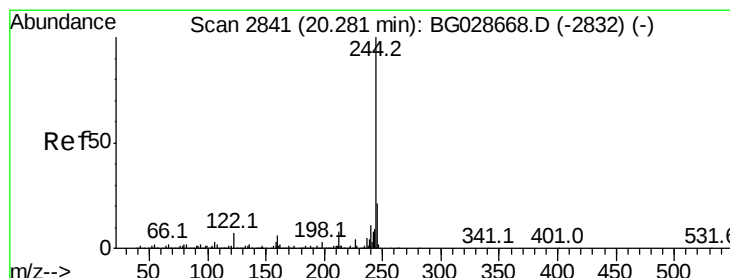
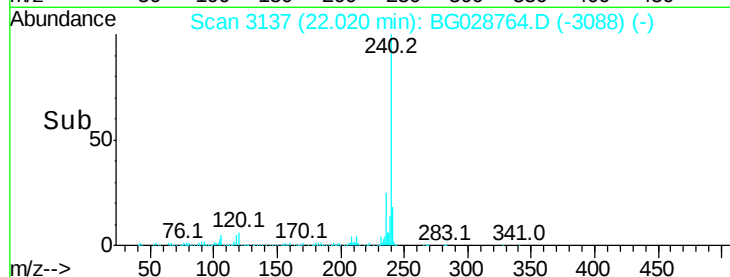
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.90 22.00 22.10



#78

Terphenyl-d14

Concen: 80.202 ng

RT: 20.27 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BG028764.D

Acq: 15 Sep 2017 11:55

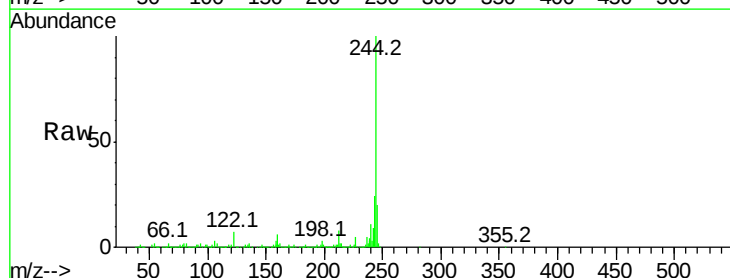
Tgt Ion:244 Resp: 1034070

Ion Ratio Lower Upper

244 100

212 8.1 10.0 15.0#

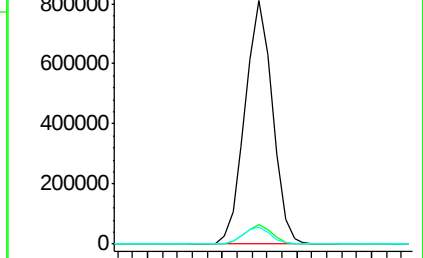
122 6.9 8.6 12.8#



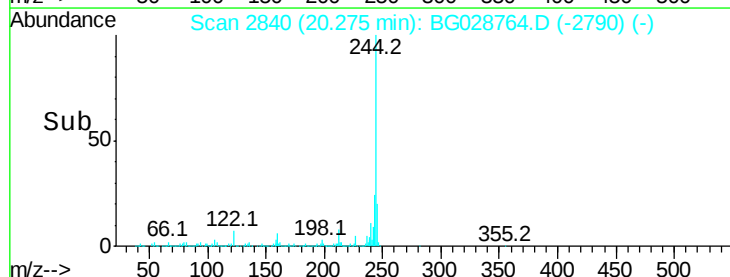
Abundance Ion 244.00 (243.70 to 244.70): E

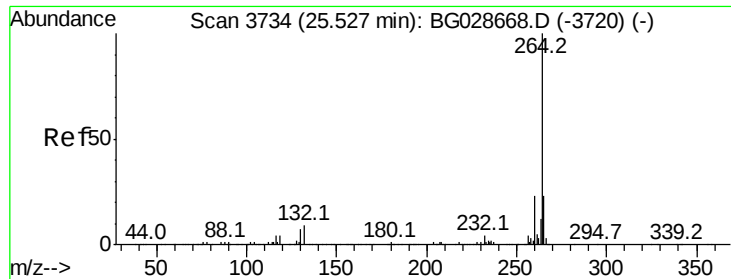
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 20.20 20.25 20.30 20.35





#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.52 min Scan# 3732
Delta R.T. -0.01 min
Lab File: BG028764.D
Acq: 15 Sep 2017 11:55

Instrument :
BNA_G
ClientSampleId :
091217-TIDO-F-U-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	21.8	32.8
265	21.0	18.2	27.4

