

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100317\
 Data File : BG029028.D
 Acq On : 4 Oct 2017 6:31
 Operator : SJ/JU
 Sample : I5516-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FIELD-BLANK-1-092717

Quant Time: Oct 04 18:24:31 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	8.24	152	33975	20.00	ng	-0.09
21) Naphthalene-d8	11.06	136	133833	20.00	ng	-0.09
38) Acenaphthene-d10	14.86	164	96277	20.00	ng	-0.09
63) Phenanthrene-d10	17.62	188	259236	20.00	ng	-0.08
75) Chrysene-d12	21.92	240	302805	20.00	ng	-0.11
86) Perylene-d12	25.35	264	283831	20.00	ng	-0.18
System Monitoring Compounds						
5) 2-Fluorophenol	5.81	112	158789	77.12	ng	-0.10
7) Phenol-d6	7.40	99	123859	39.95	ng	-0.09
23) Nitrobenzene-d5	9.41	82	296383	105.94	ng	-0.09
41) 2,4,6-Tribromophenol	16.35	330	255325	160.34	ng	-0.09
44) 2-Fluorobiphenyl	13.48	172	730827	101.22	ng	-0.09
78) Terphenyl-d14	20.21	244	1529229	107.70	ng	-0.07

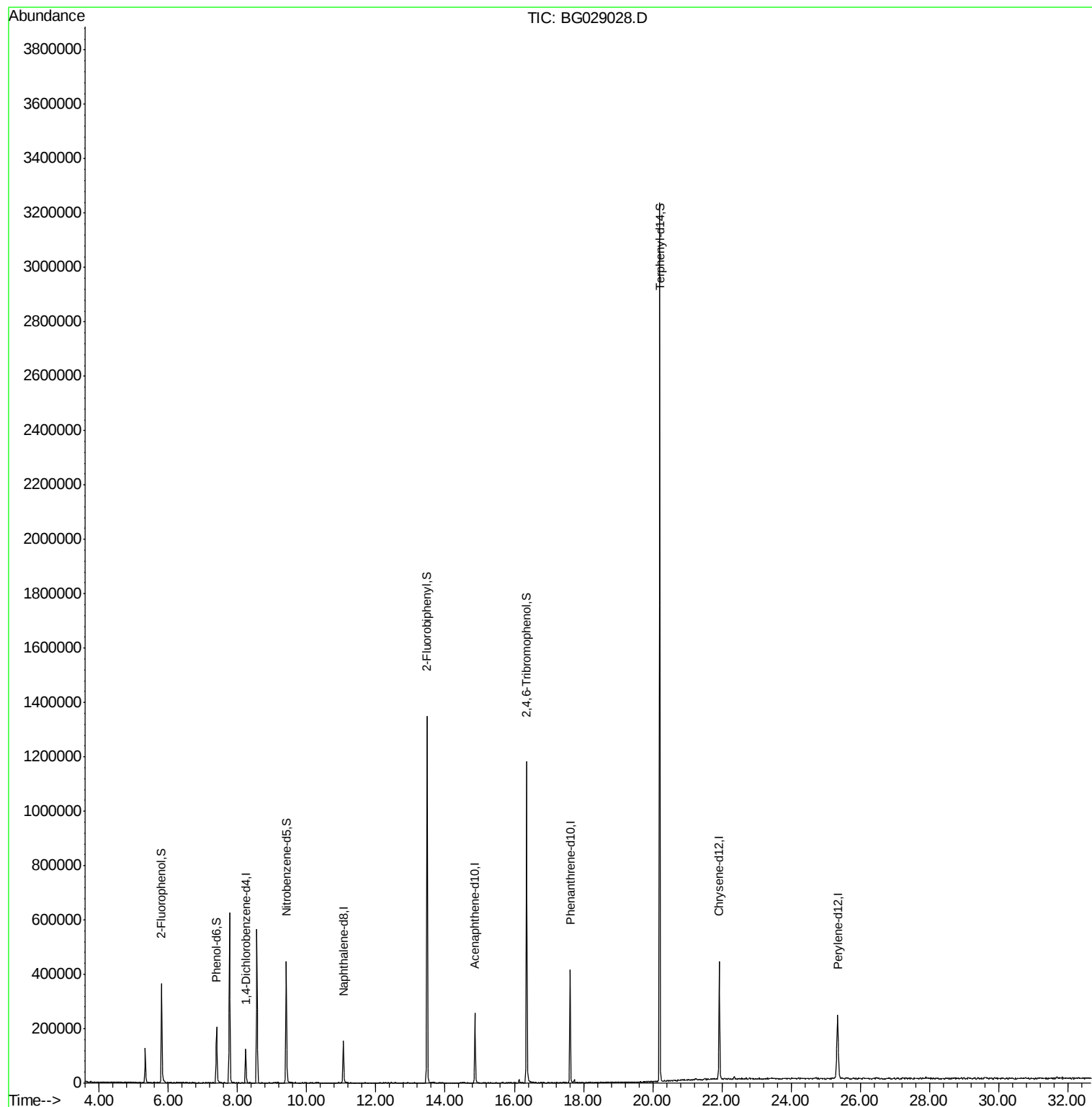
Target Compounds Qvalue

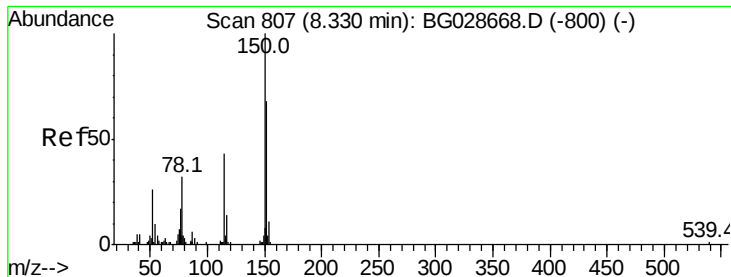
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100317\
Data File : BG029028.D
Acq On : 4 Oct 2017 6:31
Operator : SJ/JU
Sample : I5516-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FIELD-BLANK-1-092717

Quant Time: Oct 04 18:24:31 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



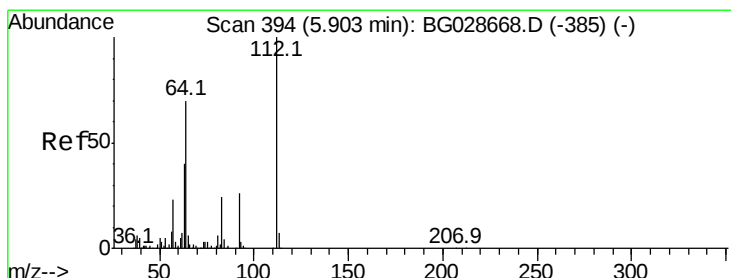
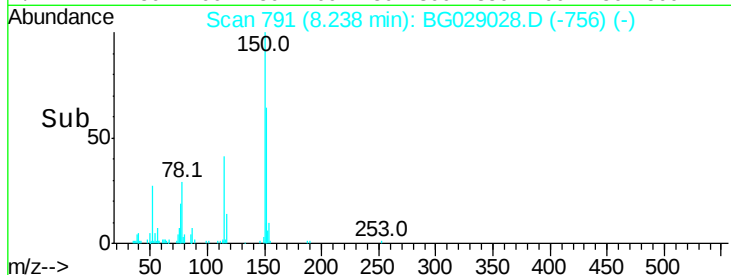
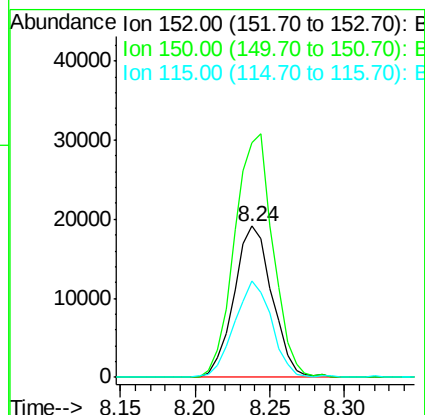
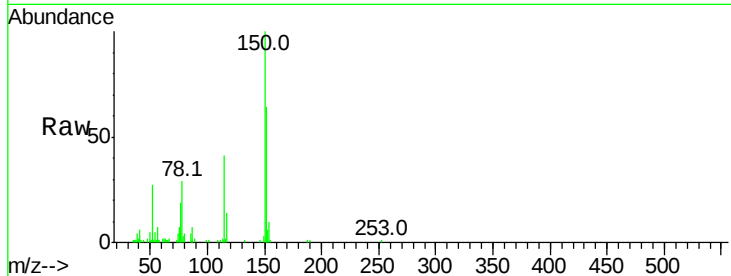


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.24 min Scan# 791
Delta R.T. -0.09 min
Lab File: BG029028.D
Acq: 4 Oct 2017 6:31

Instrument :
BNA_G
ClientSampleId :
FIELD-BLANK-1-092717

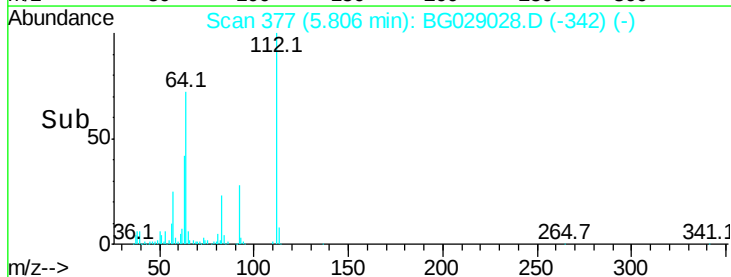
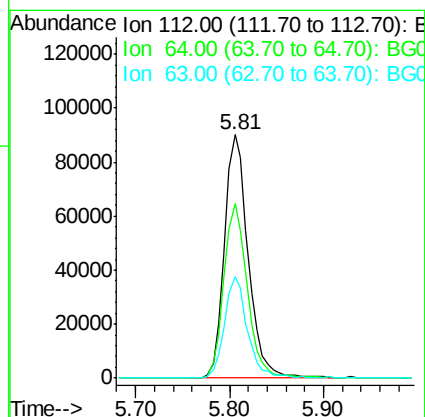
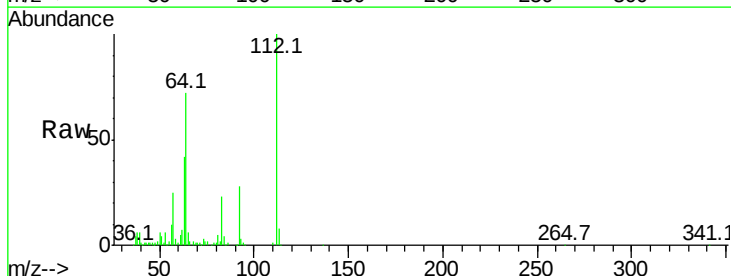
Tot Ion:152 Resp: 33975
Ion Ratio Lower Upper
152 100
150 155.8 114.0 171.0
115 64.2 48.1 72.1

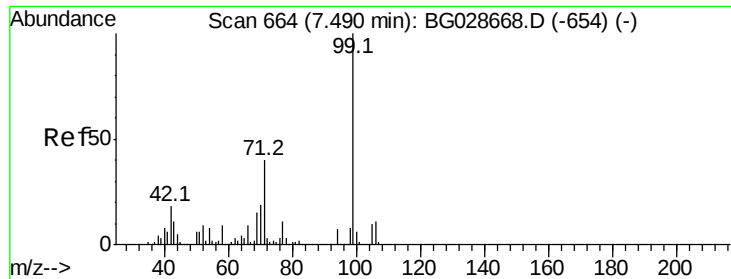


#5

2-Fluorophenol
Concen: 77.118 ng
RT: 5.81 min Scan# 377
Delta R.T. -0.10 min
Lab File: BG029028.D
Acq: 4 Oct 2017 6:31

Tgt Ion:112 Resp: 158789
Ion Ratio Lower Upper
112 100
64 71.9 61.8 92.6
63 41.7 37.2 55.8





#7

Phenol-d6

Concen: 39.953 ng

RT: 7.40 min Scan# 648

Delta R.T. -0.09 min

Lab File: BG029028.D

Acq: 4 Oct 2017 6:31

Instrument :

BNA_G

ClientSampleId :

FIELD-BLANK-1-092717

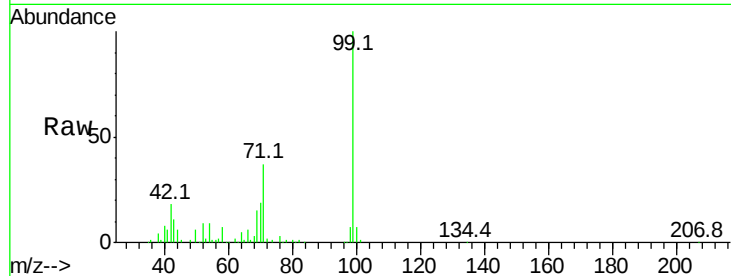
Tot Ion: 99 Resp: 123859

Ion Ratio Lower Upper

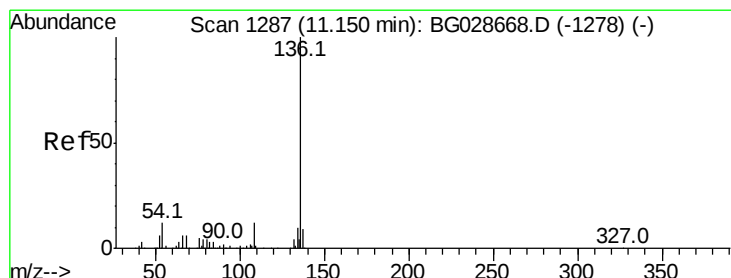
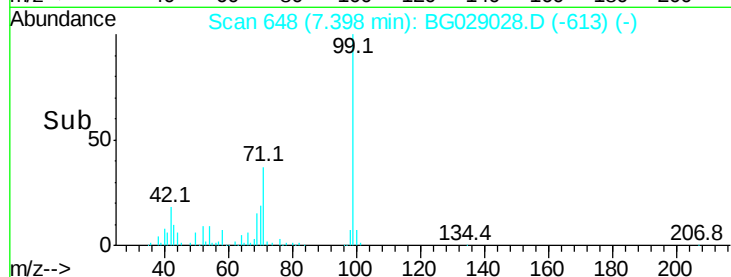
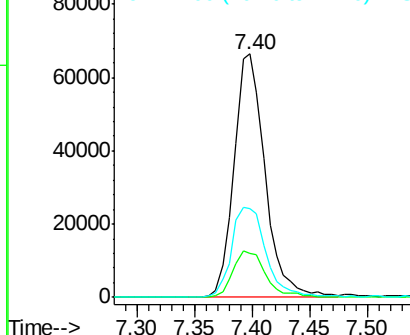
99 100

42 18.1 20.5 30.7#

71 36.6 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: 11.06 min Scan# 1271

Delta R.T. -0.09 min

Lab File: BG029028.D

Acq: 4 Oct 2017 6:31

Tgt Ion: 136 Resp: 133833

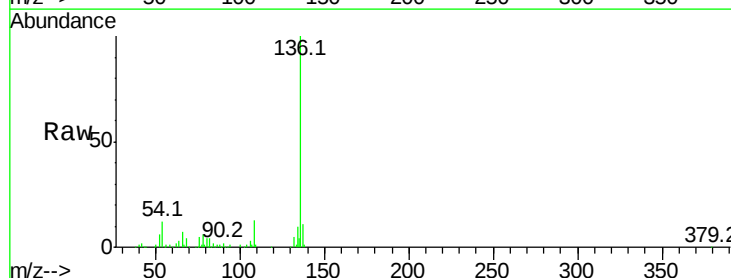
Ion Ratio Lower Upper

136 100

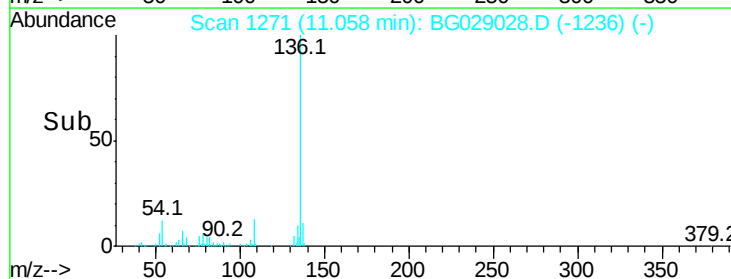
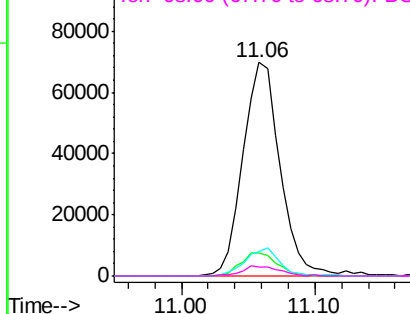
137 10.6 8.9 13.3

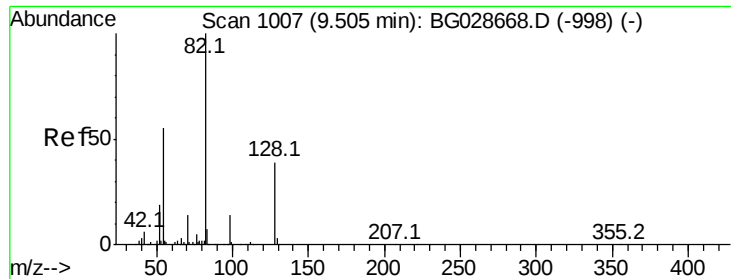
54 11.7 9.3 13.9

68 4.0 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

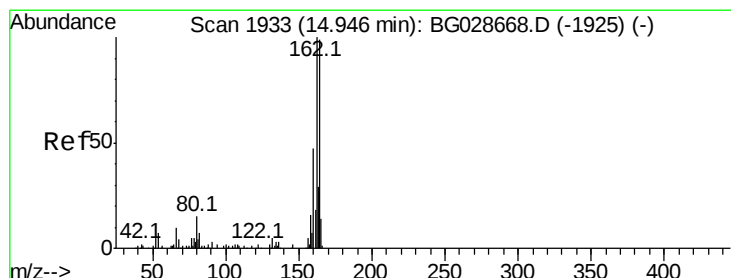
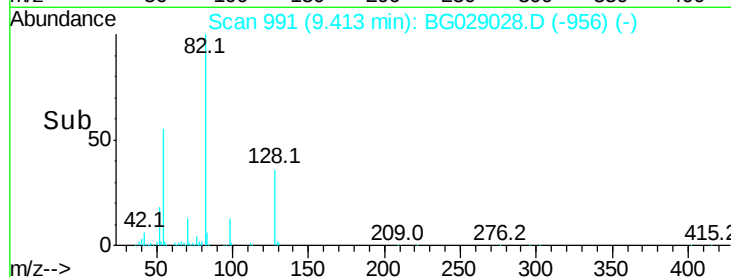
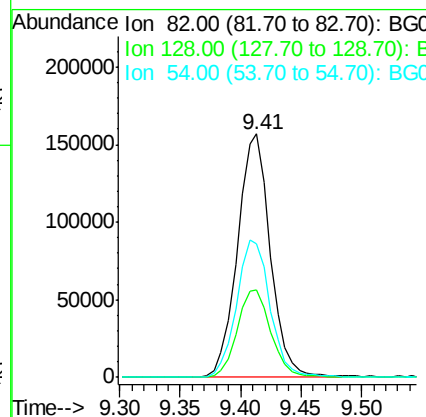
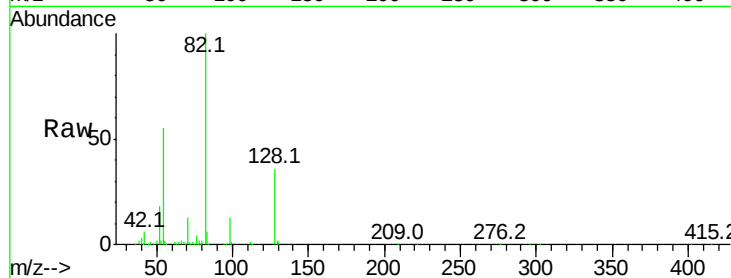




#23
 Nitrobenzene-d5
 Concen: 105.939 ng
 RT: 9.41 min Scan# 991
 Delta R.T. -0.09 min
 Lab File: BG029028.D
 Acq: 4 Oct 2017 6:31

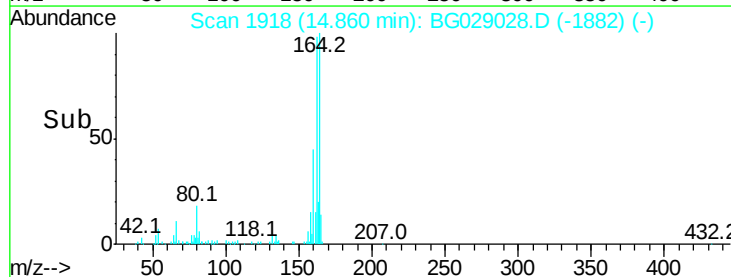
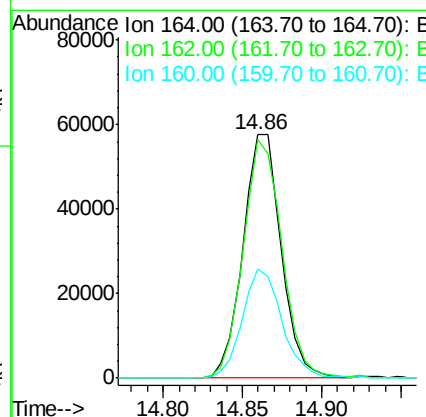
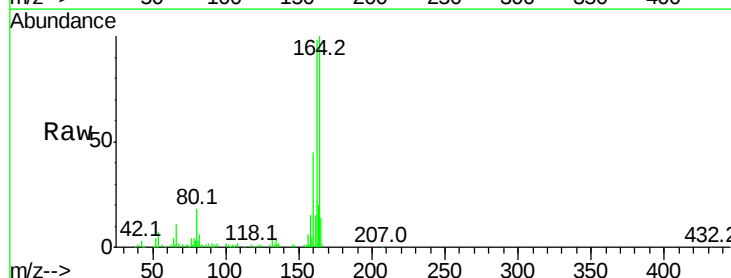
Instrument :
 BNA_G
 ClientSampleId :
 FIELD-BLANK-1-092717

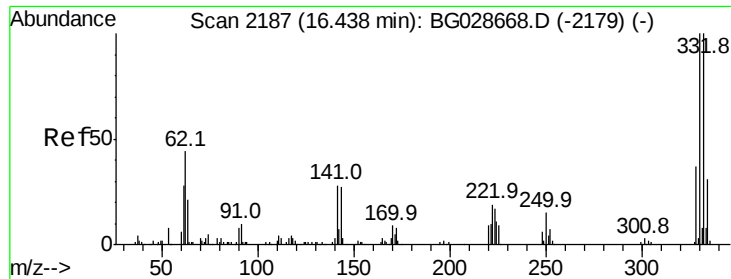
Tot Ion	Ratio	Lower	Upper
82	100		
128	36.0	26.4	39.6
54	54.7	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.86 min Scan# 1918
 Delta R.T. -0.09 min
 Lab File: BG029028.D
 Acq: 4 Oct 2017 6:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.0	85.1	127.7
160	44.9	34.7	52.1

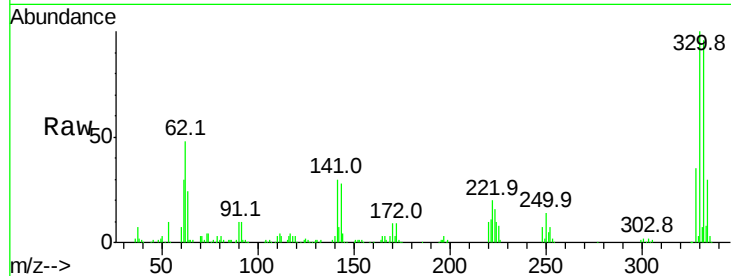




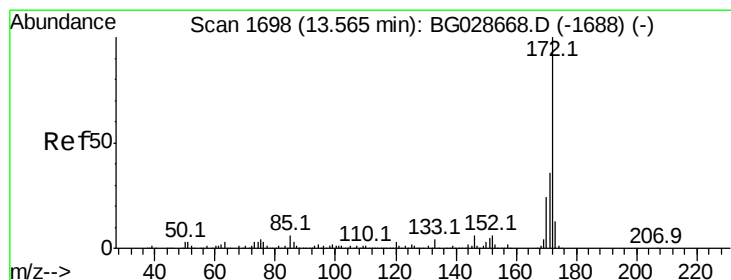
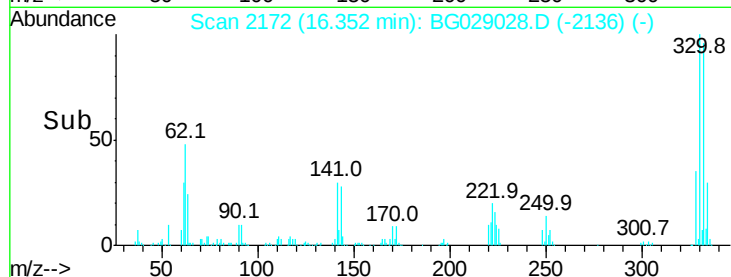
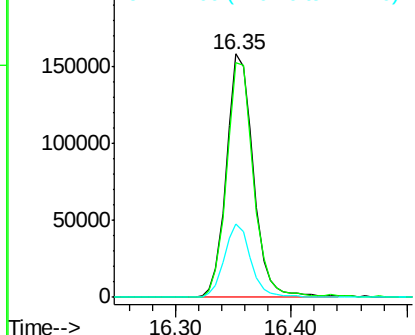
#41
 2,4,6-Tribromophenol
 Concen: 160.344 ng
 RT: 16.35 min Scan# 2172
 Delta R.T. -0.09 min
 Lab File: BG029028.D
 Acq: 4 Oct 2017 6:31

Instrument :
 BNA_G
 ClientSampleId :
 FIELD-BLANK-1-092717

Tot Ion:330 Resp: 255325
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.3 115.9
 141 29.9 32.1 48.1#

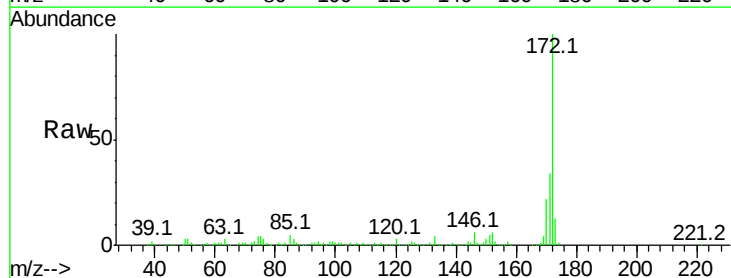


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

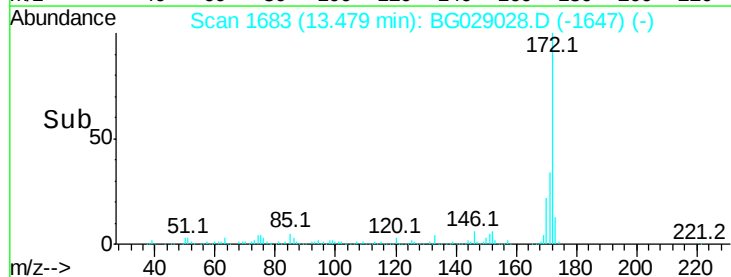
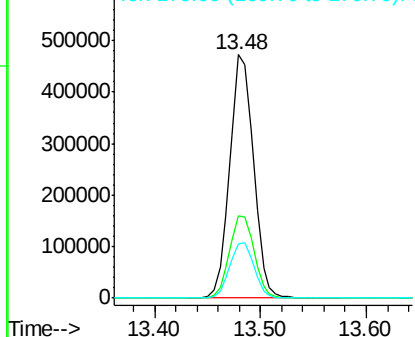


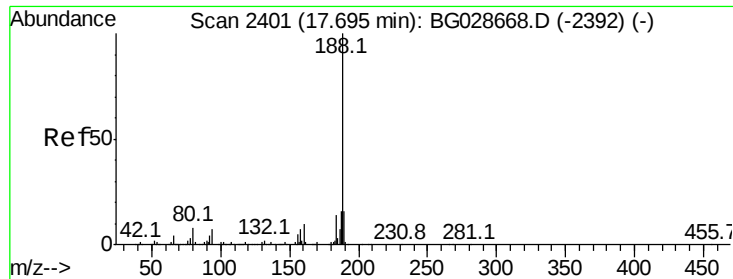
#44
 2-Fluorobiphenyl
 Concen: 101.218 ng
 RT: 13.48 min Scan# 1683
 Delta R.T. -0.09 min
 Lab File: BG029028.D
 Acq: 4 Oct 2017 6:31

Tgt Ion:172 Resp: 730827
 Ion Ratio Lower Upper
 172 100
 171 33.6 32.2 48.2
 170 22.2 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: 17.62 min Scan# 2387

Delta R.T. -0.08 min

Lab File: BG029028.D

Acq: 4 Oct 2017 6:31

Instrument :

BNA_G

ClientSampleId :

FIELD-BLANK-1-092717

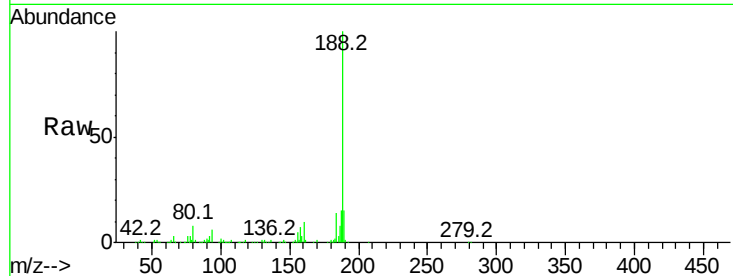
Tot Ion:188 Resp: 259236

Ion Ratio Lower Upper

188 100

94 6.5 5.8 8.8

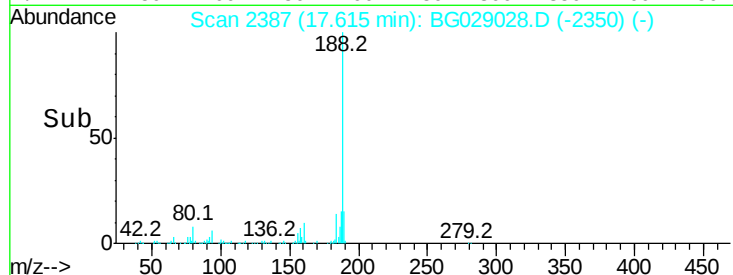
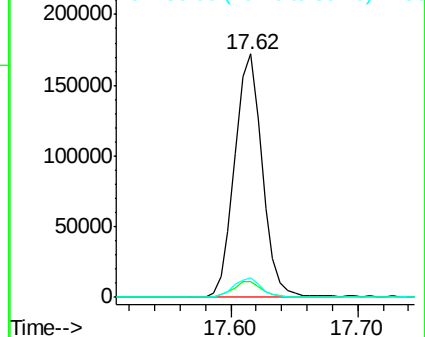
80 7.9 7.5 11.3



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: 21.92 min Scan# 3120

Delta R.T. -0.11 min

Lab File: BG029028.D

Acq: 4 Oct 2017 6:31

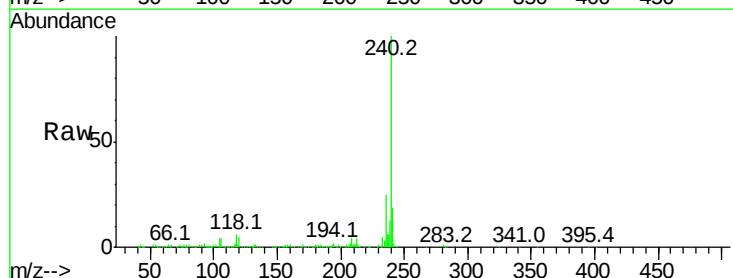
Tgt Ion:240 Resp: 302805

Ion Ratio Lower Upper

240 100

120 5.3 5.7 8.5#

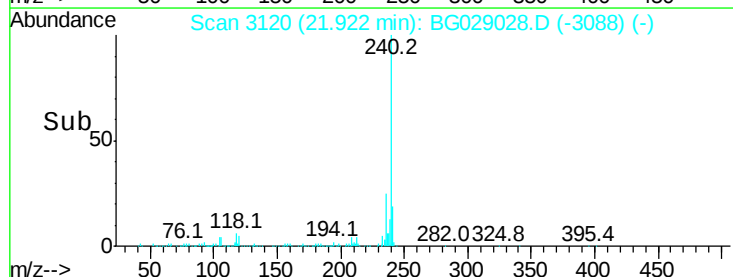
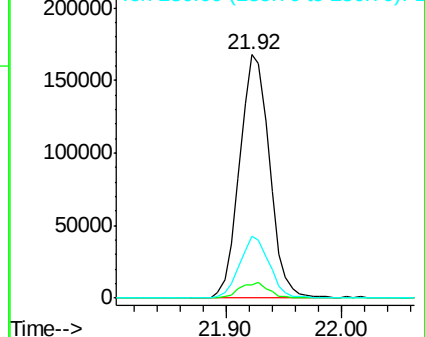
236 25.4 22.2 33.4

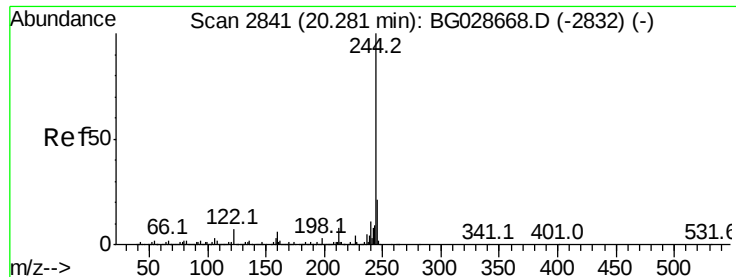


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 107.699 ng

RT: 20.21 min Scan# 2828

Delta R.T. -0.07 min

Lab File: BG029028.D

Acq: 4 Oct 2017 6:31

Instrument :

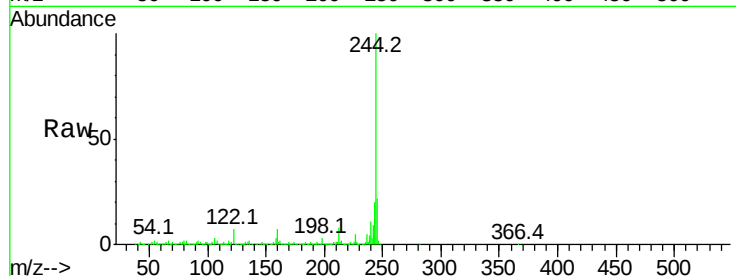
BNA_G

ClientSampleId :

FIELD-BLANK-1-092717

Tot Ion:244 Resp: 1529229

Ion	Ratio	Lower	Upper
244	100		
212	7.8	10.0	15.0#
122	7.5	8.6	12.8#

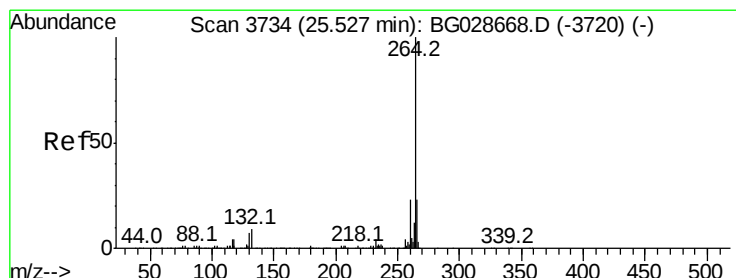
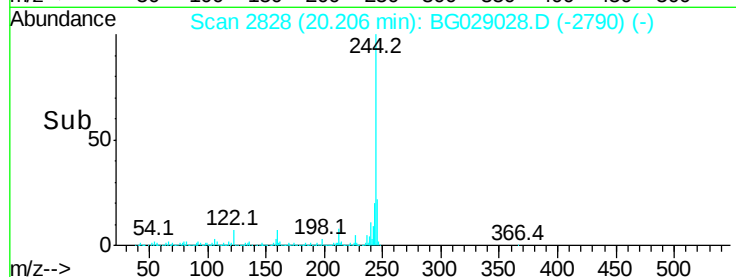
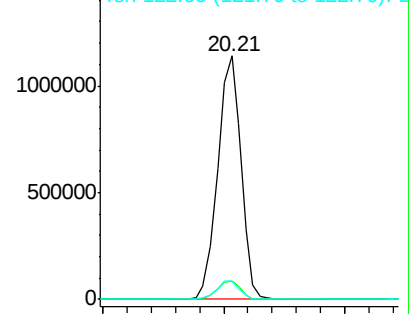


Abundance

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: 25.35 min Scan# 3703

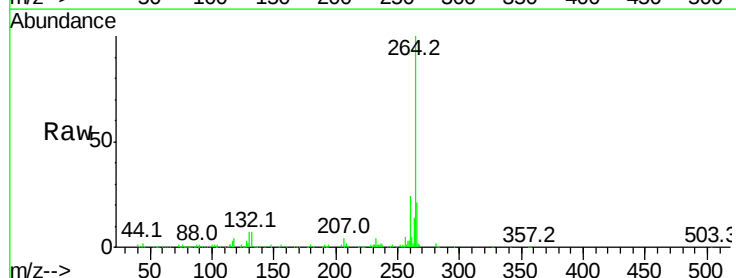
Delta R.T. -0.18 min

Lab File: BG029028.D

Acq: 4 Oct 2017 6:31

Tgt Ion:264 Resp: 283831

Ion	Ratio	Lower	Upper
264	100		
260	24.4	21.8	32.8
265	21.2	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

