

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092017\
 Data File : BG028827.D
 Acq On : 20 Sep 2017 11:59
 Operator : SJ/JU
 Sample : PB102430TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 21 01:22:21 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	8.29	152	25214	20.00	ng	-0.04
21) Naphthalene-d8	11.11	136	105931	20.00	ng	-0.04
38) Acenaphthene-d10	14.90	164	79980	20.00	ng	-0.04
63) Phenanthrene-d10	17.66	188	244250	20.00	ng	-0.04
75) Chrysene-d12	21.98	240	282698	20.00	ng	-0.05
86) Perylene-d12	25.45	264	277888	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	203654	133.27	ng	-0.05
7) Phenol-d6	7.44	99	282344	122.72	ng	-0.05
23) Nitrobenzene-d5	9.46	82	174784	78.93	ng	-0.05
41) 2,4,6-Tribromophenol	16.40	330	182578	138.02	ng	-0.04
44) 2-Fluorobiphenyl	13.53	172	482995	80.52	ng	-0.04
78) Terphenyl-d14	20.24	244	1076390	81.20	ng	-0.04

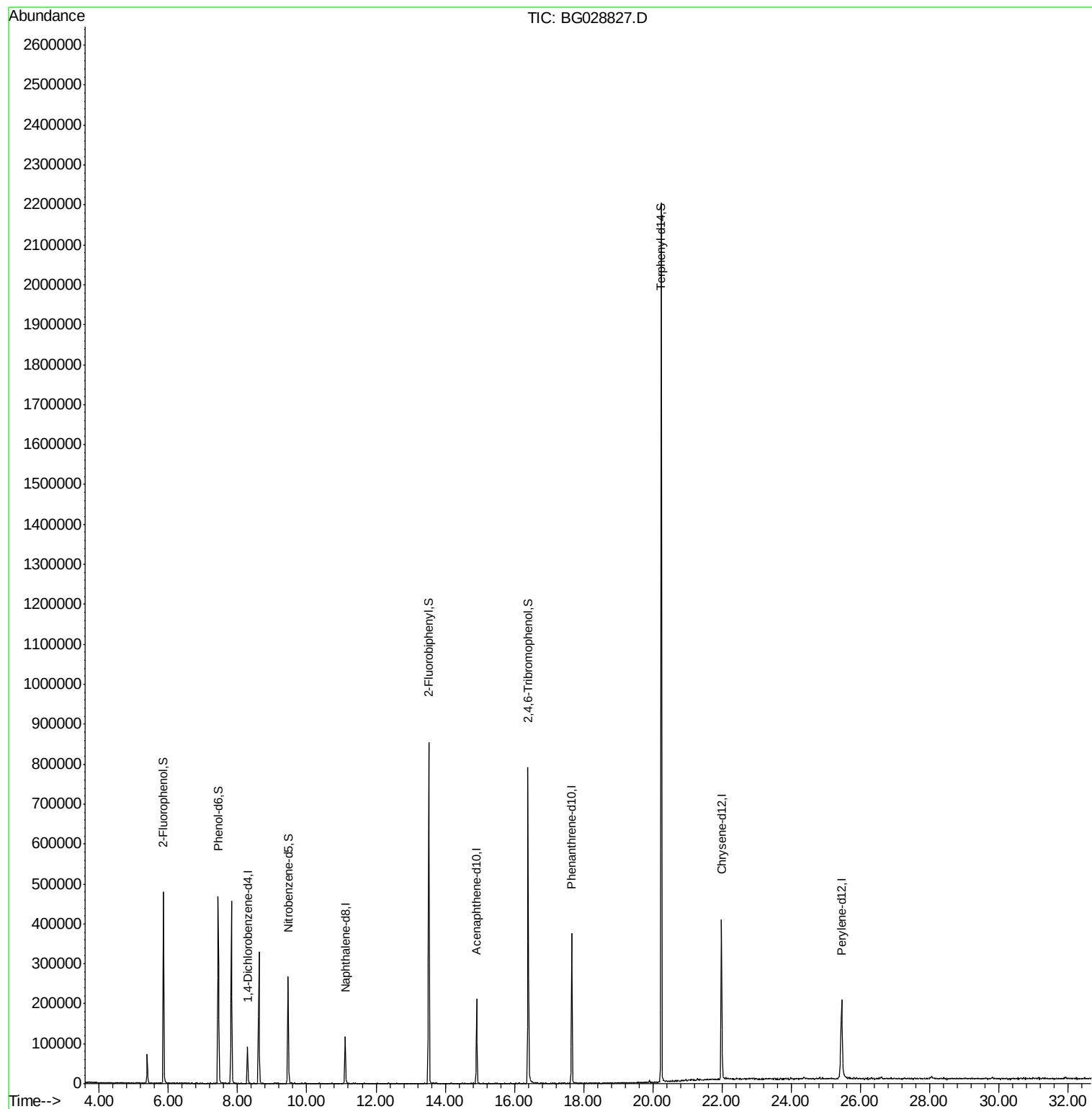
Target Compounds Qvalue

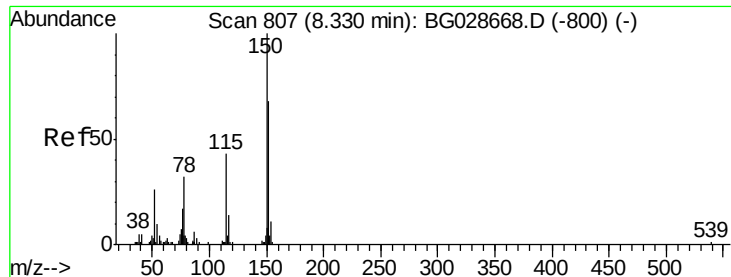
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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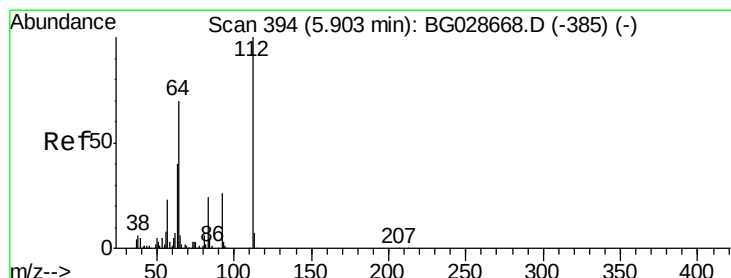
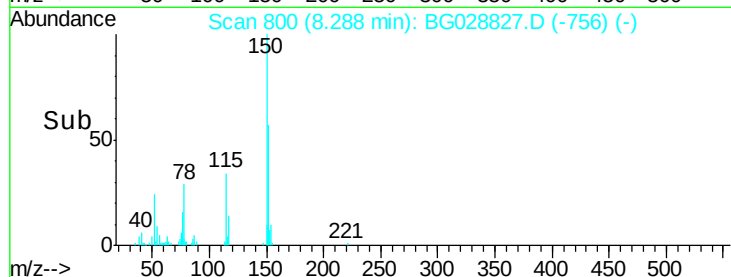
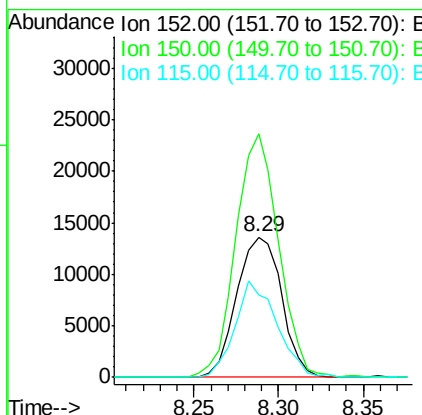
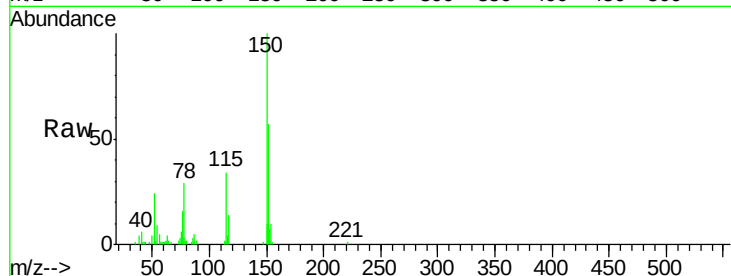


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.29 min Scan# 800
Delta R.T. -0.04 min
Lab File: BG028827.D
Acq: 20 Sep 2017 11:59

Instrument :
BNA_G
ClientSampleId :

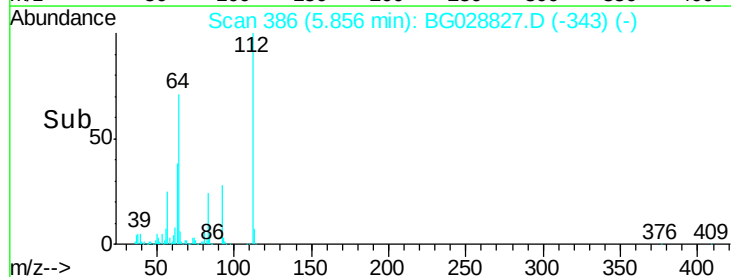
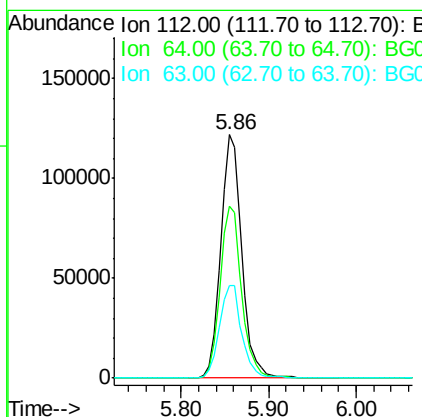
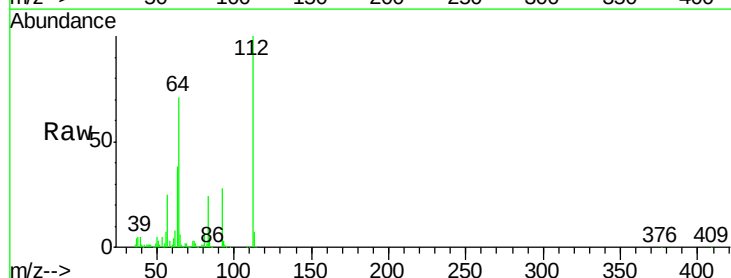
Tot Ion	Ratio	Lower	Upper
152	100		
150	174.0	114.0	171.0
115	58.7	48.1	72.1

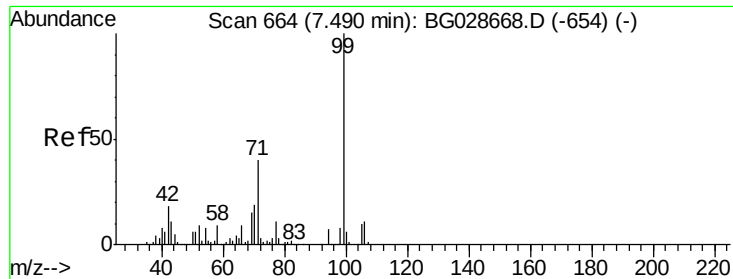


#5

2-Fluorophenol
Concen: 133.27 ng
RT: 5.86 min Scan# 386
Delta R.T. -0.05 min
Lab File: BG028827.D
Acq: 20 Sep 2017 11:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.9	61.8	92.6
63	38.2	37.2	55.8





#7

Phenol-d6

Concen: 122.72 ng

RT: 7.44 min Scan# 656

Delta R.T. -0.05 min

Lab File: BG028827.D

Acq: 20 Sep 2017 11:59

Instrument :

BNA_G

ClientSampleId :

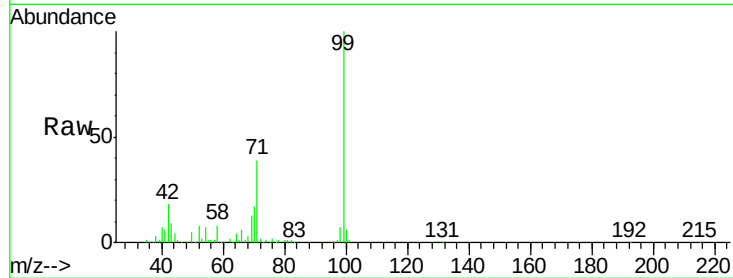
Tot Ion: 99 Resp: 282344

Ion Ratio Lower Upper

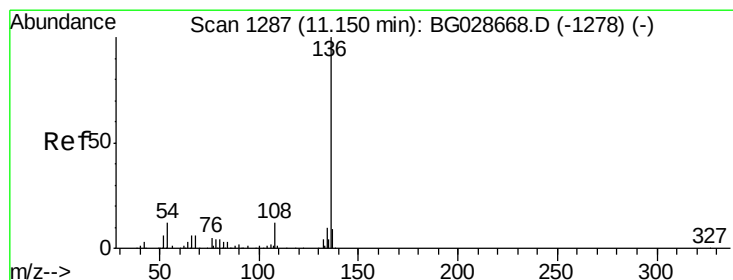
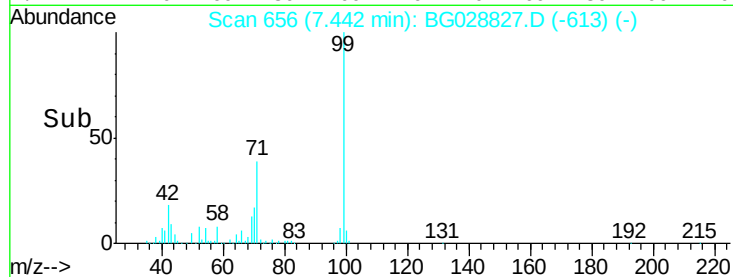
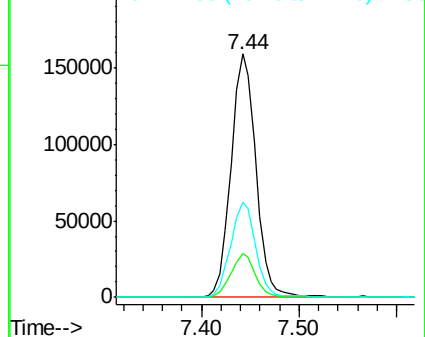
99 100

42 18.2 20.5 30.7#

71 39.2 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: 20.00 ng

RT: 11.11 min Scan# 1280

Delta R.T. -0.04 min

Lab File: BG028827.D

Acq: 20 Sep 2017 11:59

Tgt Ion: 136 Resp: 105931

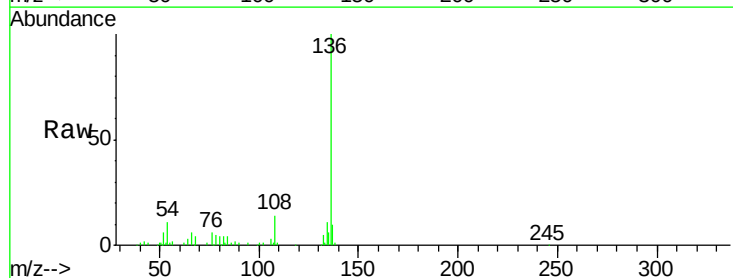
Ion Ratio Lower Upper

136 100

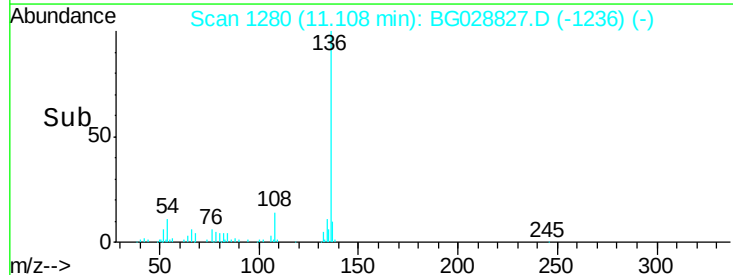
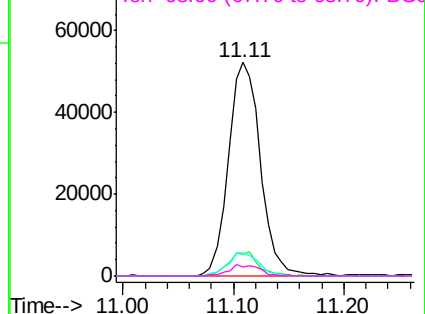
137 10.0 8.9 13.3

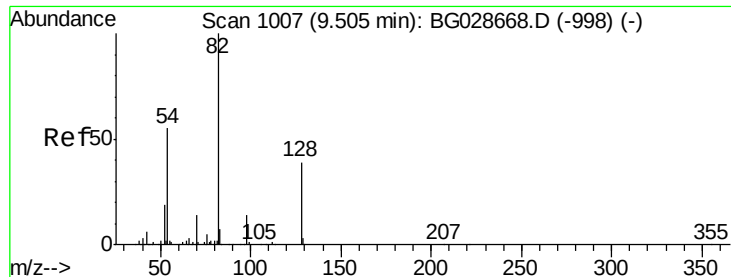
54 10.9 9.3 13.9

68 4.2 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

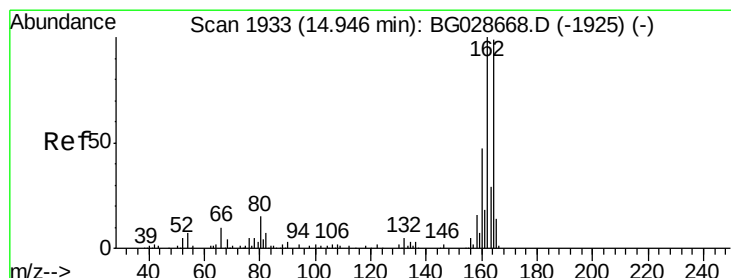
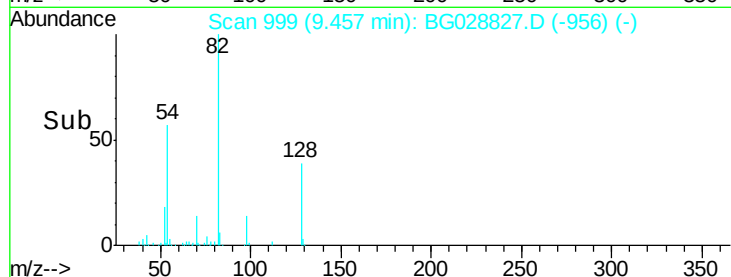
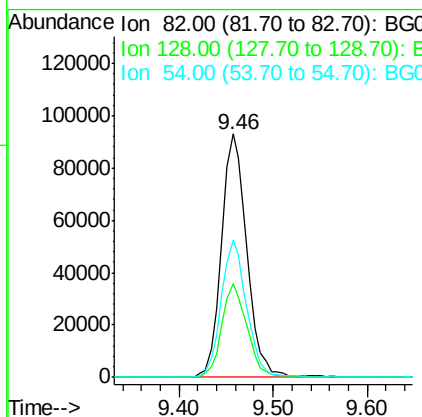
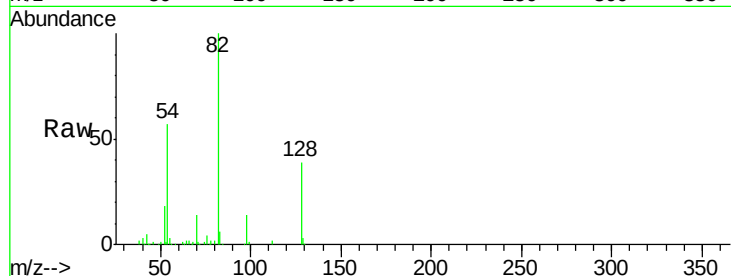




#23
 Nitrobenzene-d5
 Concen: 78.93 ng
 RT: 9.46 min Scan# 999
 Delta R.T. -0.05 min
 Lab File: BG028827.D
 Acq: 20 Sep 2017 11:59

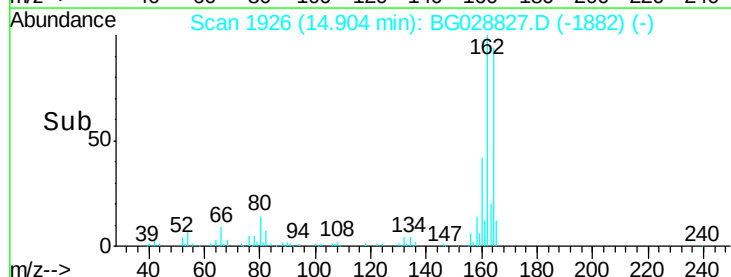
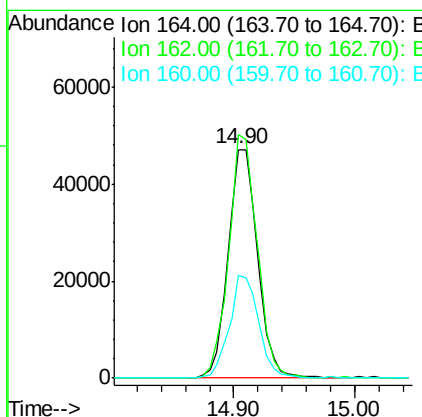
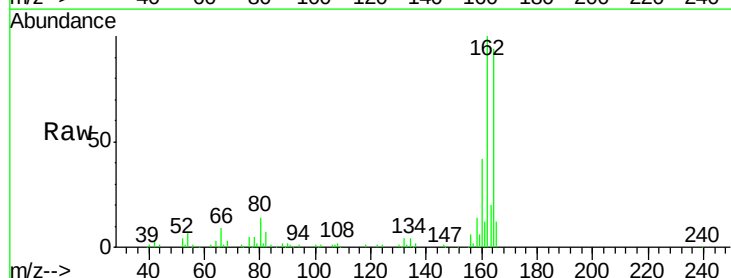
Instrument :
 BNA_G
 ClientSampleId :

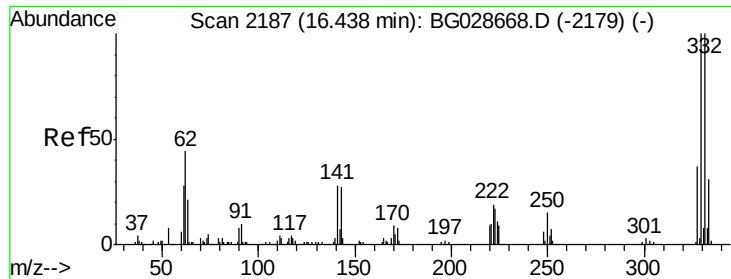
Tot Ion	82	Resp	174784
Ion Ratio	Lower	Upper	
82	100		
128	38.8	26.4	39.6
54	56.5	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.90 min Scan# 1926
 Delta R.T. -0.04 min
 Lab File: BG028827.D
 Acq: 20 Sep 2017 11:59

Tgt Ion	164	Resp	79980
Ion Ratio	Lower	Upper	
164	100		
162	106.6	85.1	127.7
160	45.0	34.7	52.1

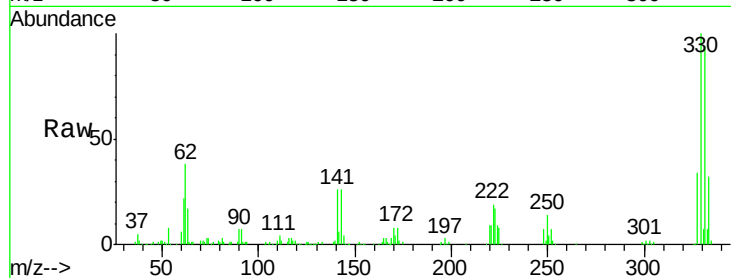




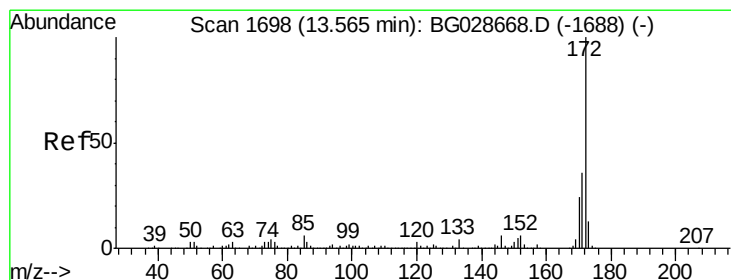
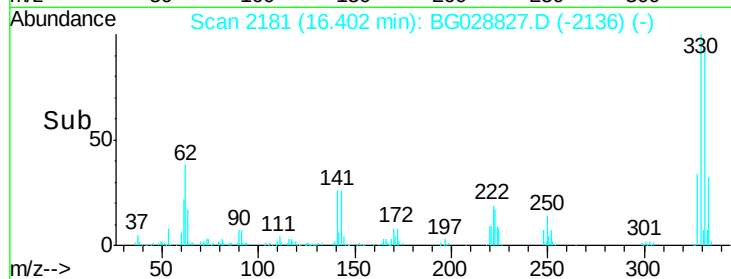
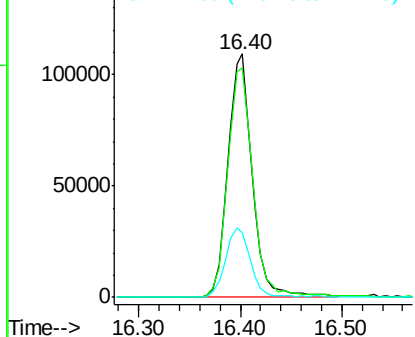
#41
 2,4,6-Tribromophenol
 Concen: 138.02 ng
 RT: 16.40 min Scan# 2181
 Delta R.T. -0.04 min
 Lab File: BG028827.D
 Acq: 20 Sep 2017 11:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.3	115.9
141	29.2	32.1	48.1#

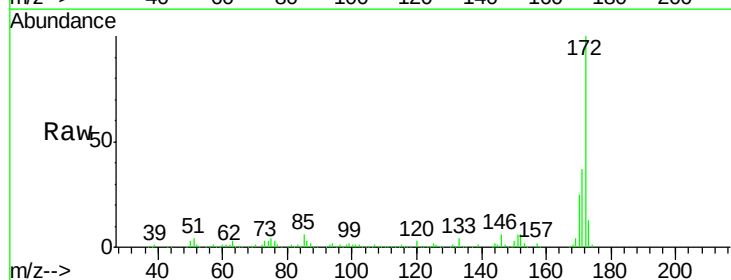


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

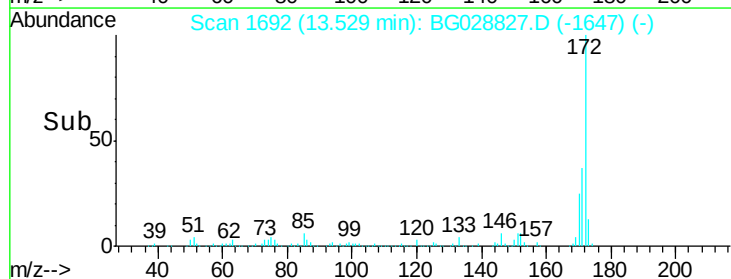
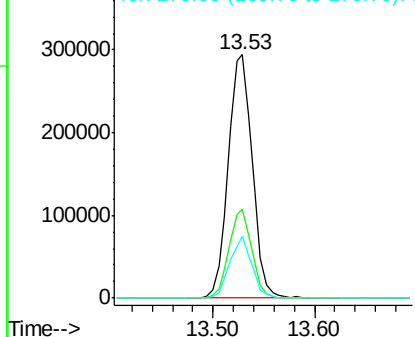


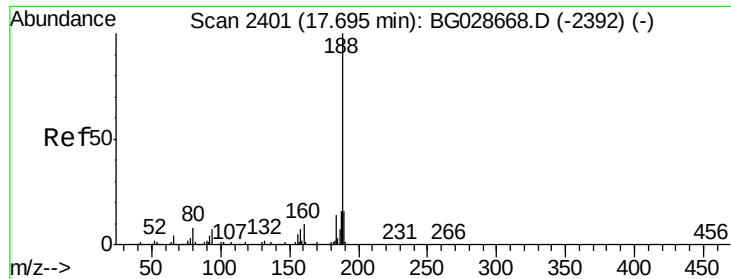
#44
 2-Fluorobiphenyl
 Concen: 80.52 ng
 RT: 13.53 min Scan# 1692
 Delta R.T. -0.04 min
 Lab File: BG028827.D
 Acq: 20 Sep 2017 11:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	32.2	48.2
170	25.3	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

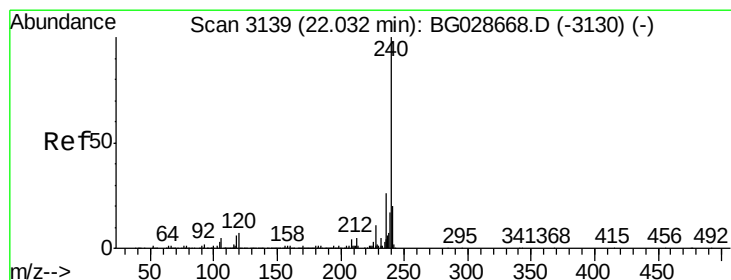
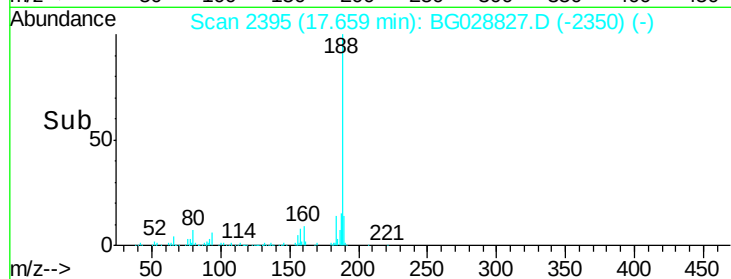
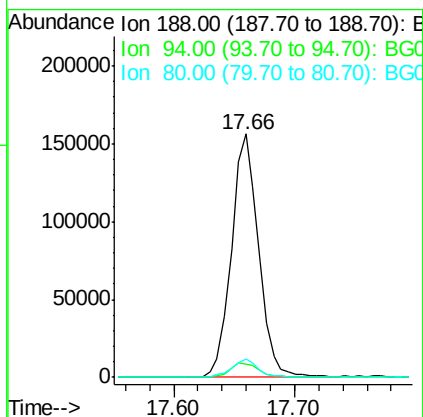
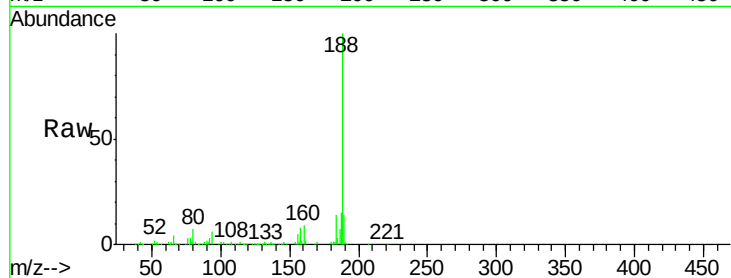




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.66 min Scan# 2395
Delta R.T. -0.04 min
Lab File: BG028827.D
Acq: 20 Sep 2017 11:59

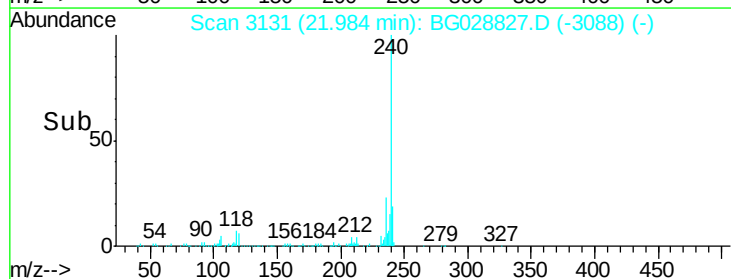
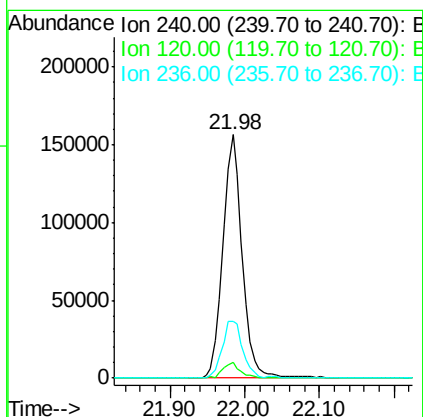
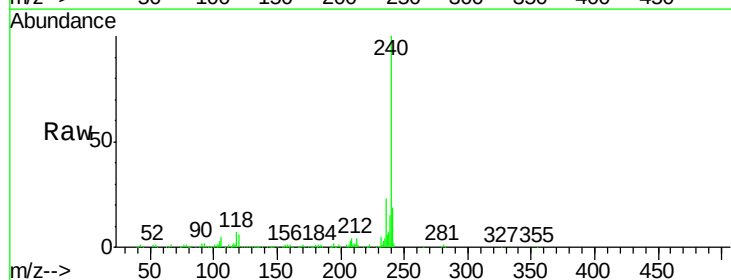
Instrument :
BNA_G
ClientSampleId :

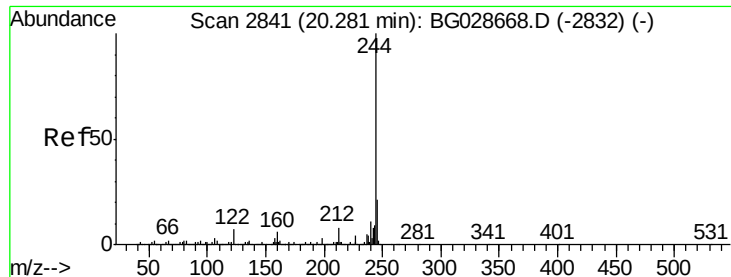
Tot Ion:188 Resp: 244250
Ion Ratio Lower Upper
188 100
94 5.7 5.8 8.8#
80 7.4 7.5 11.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.98 min Scan# 3131
Delta R.T. -0.05 min
Lab File: BG028827.D
Acq: 20 Sep 2017 11:59

Tgt Ion:240 Resp: 282698
Ion Ratio Lower Upper
240 100
120 6.4 5.7 8.5
236 23.1 22.2 33.4





#78

Terphenyl-d14

Concen: 81.20 ng

RT: 20.24 min Scan# 2835

Delta R.T. -0.04 min

Lab File: BG028827.D

Acq: 20 Sep 2017 11:59

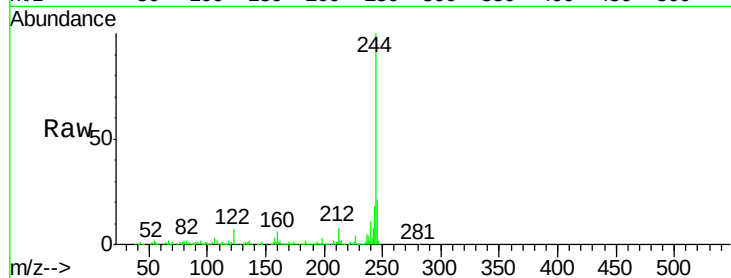
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1076390

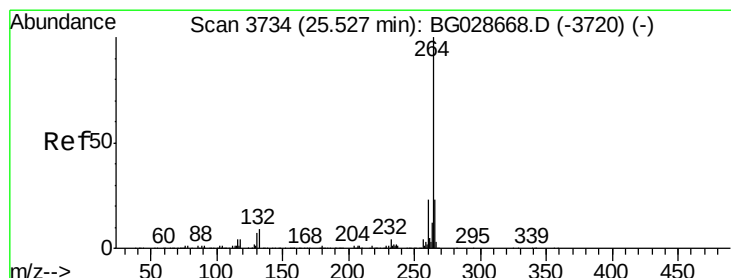
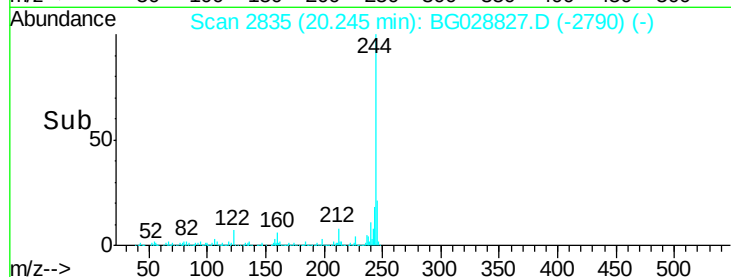
Ion	Ratio	Lower	Upper
244	100		
212	7.6	10.0	15.0#
122	7.4	8.6	12.8#



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: 20.00 ng

RT: 25.45 min Scan# 3721

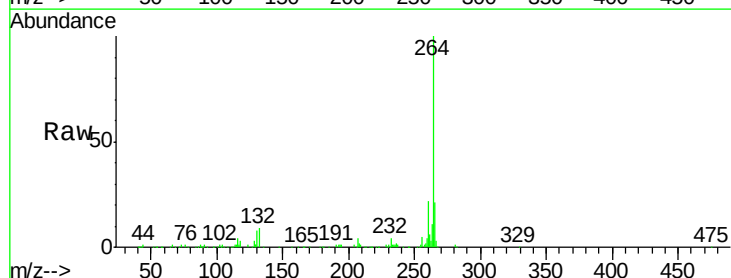
Delta R.T. -0.08 min

Lab File: BG028827.D

Acq: 20 Sep 2017 11:59

Tgt Ion:264 Resp: 277888

Ion	Ratio	Lower	Upper
264	100		
260	21.9	21.8	32.8
265	20.9	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

