

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092517\
 Data File : BG028931.D
 Acq On : 26 Sep 2017 6:32
 Operator : SJ/JU
 Sample : I5395-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4-(0-5)

Quant Time: Sep 26 07:45:36 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	8.28	152	28330	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	108710	20.00	ng	-0.05
38) Acenaphthene-d10	14.90	164	78445	20.00	ng	-0.05
63) Phenanthrene-d10	17.65	188	248999	20.00	ng	-0.05
75) Chrysene-d12	21.97	240	291478	20.00	ng	-0.07
86) Perylene-d12	25.42	264	291776	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	253459	147.62	ng	-0.05
7) Phenol-d6	7.44	99	320971	124.17	ng	-0.05
23) Nitrobenzene-d5	9.45	82	233631	102.81	ng	-0.05
41) 2,4,6-Tribromophenol	16.39	330	243672	187.81	ng	-0.05
44) 2-Fluorobiphenyl	13.52	172	605134	102.86	ng	-0.05
78) Terphenyl-d14	20.23	244	1442629	105.55	ng	-0.05

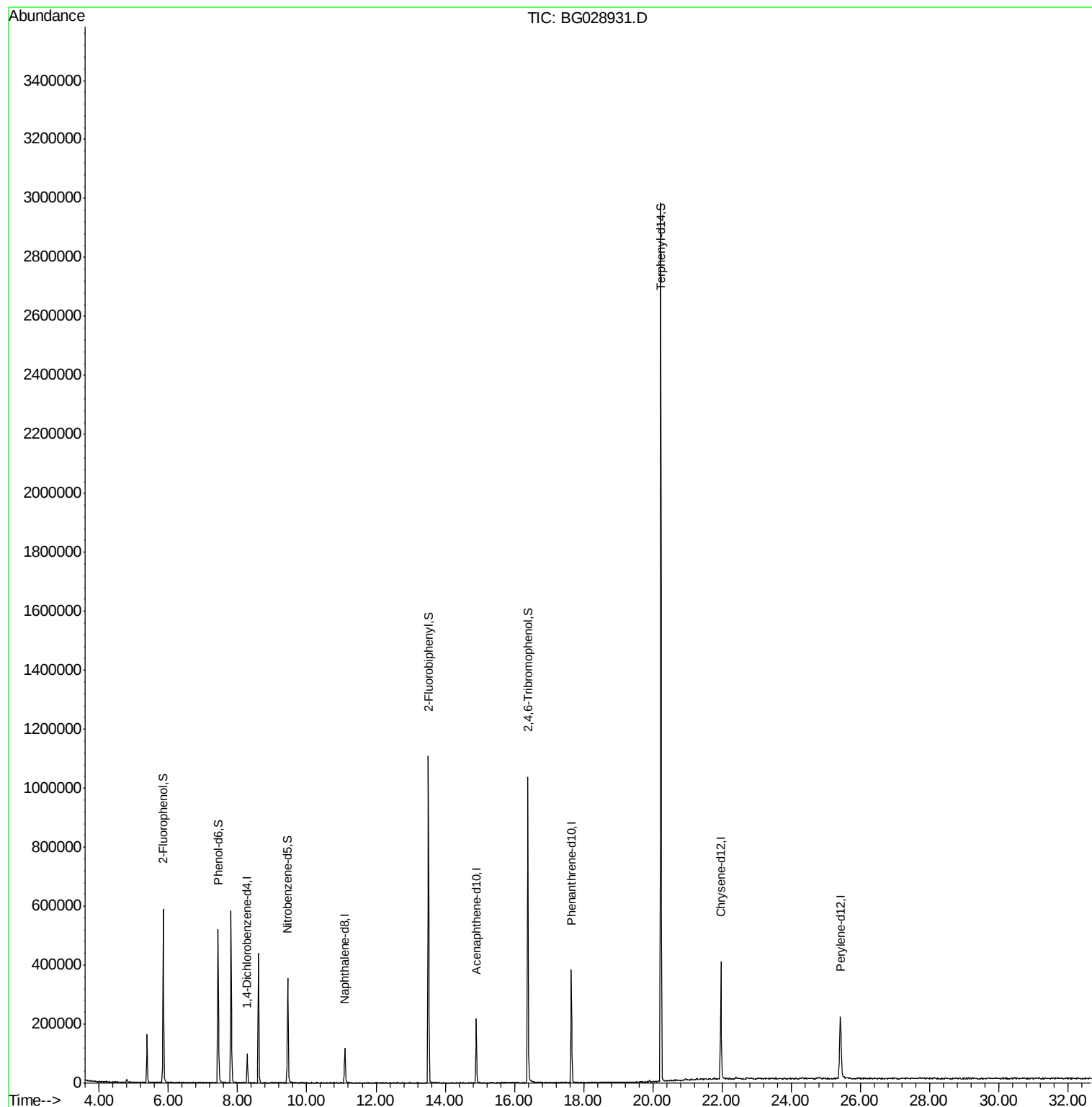
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.28 min Scan# 798

Delta R.T. -0.05 min

Lab File: BG028931.D

Acq: 26 Sep 2017 6:32

Instrument :

BNA_G

ClientSampleId :

TP-4-(0-5)

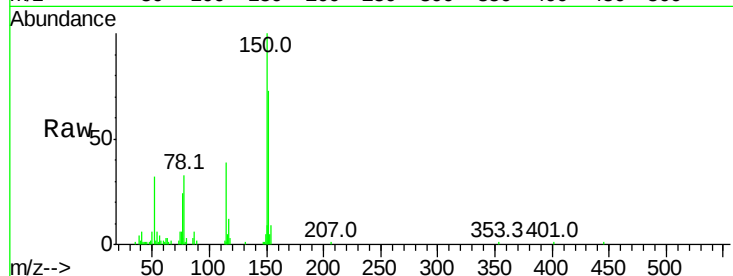
Tot Ion:152 Resp: 28330

Ion Ratio Lower Upper

152 100

150 136.3 114.0 171.0

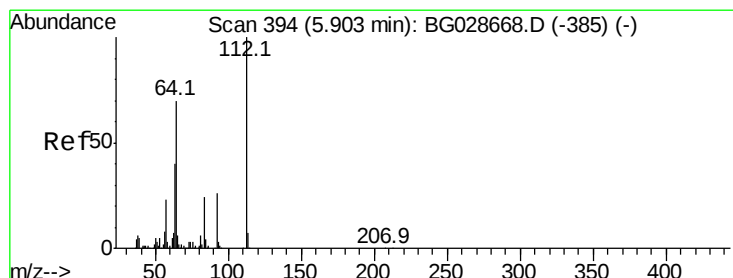
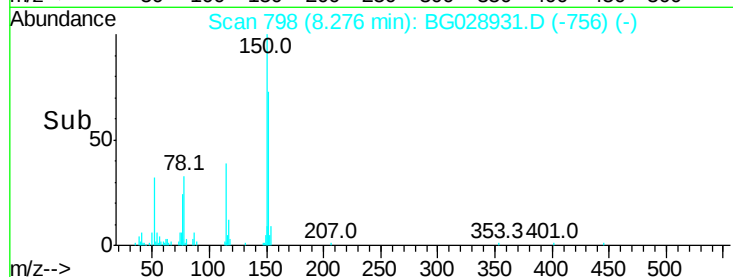
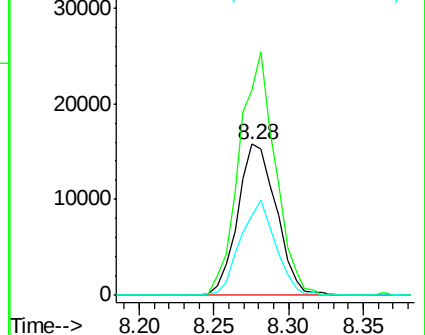
115 52.5 48.1 72.1



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: 147.624 ng

RT: 5.85 min Scan# 385

Delta R.T. -0.05 min

Lab File: BG028931.D

Acq: 26 Sep 2017 6:32

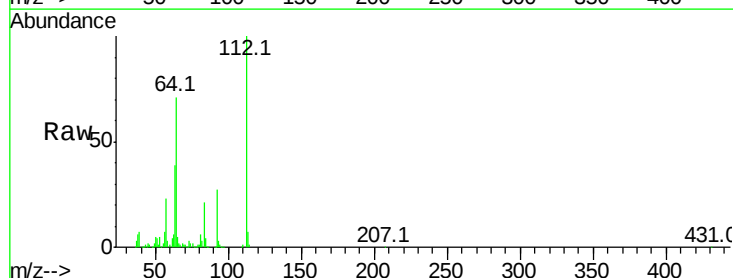
Tgt Ion:112 Resp: 253459

Ion Ratio Lower Upper

112 100

64 70.8 61.8 92.6

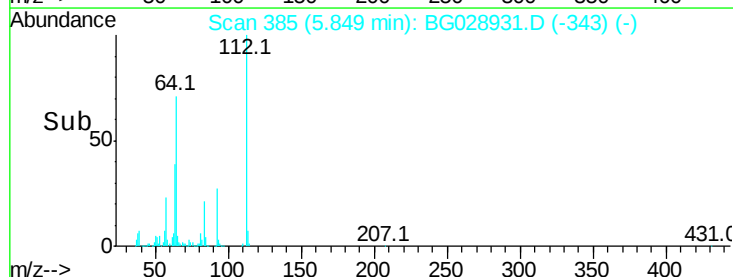
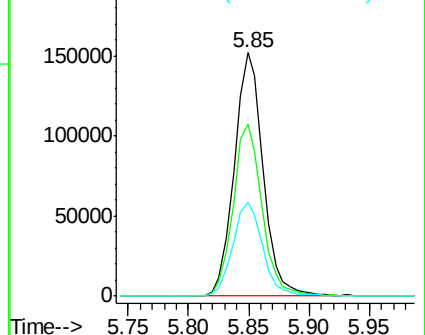
63 38.6 37.2 55.8

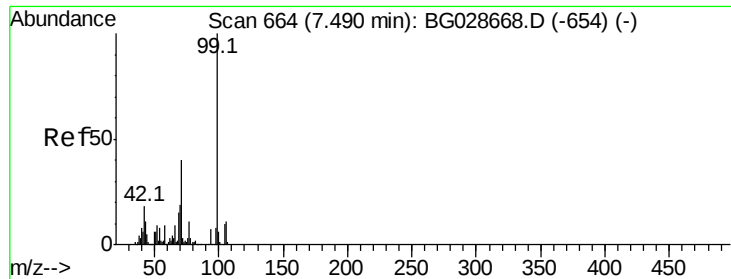


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 124.165 ng

RT: 7.44 min Scan# 655

Delta R.T. -0.05 min

Lab File: BG028931.D

Acq: 26 Sep 2017 6:32

Instrument :

BNA_G

ClientSampleId :

TP-4-(0-5)

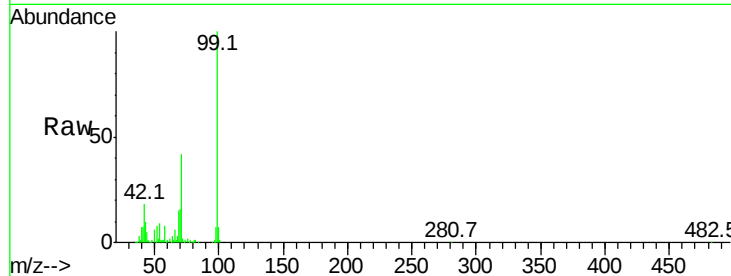
Tot Ion: 99 Resp: 320971

Ion Ratio Lower Upper

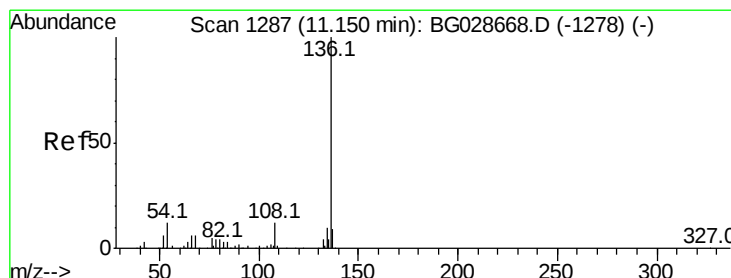
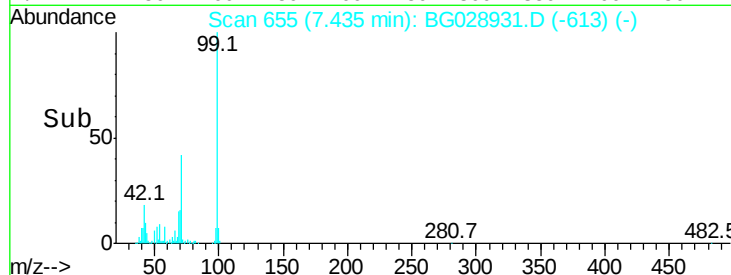
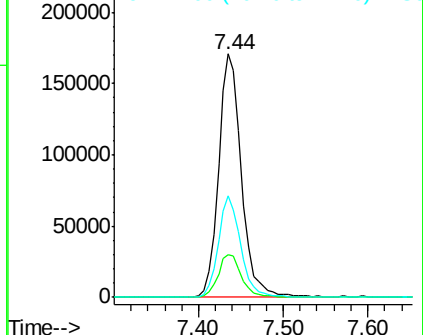
99 100

42 17.6 20.5 30.7#

71 41.9 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: 11.10 min Scan# 1279

Delta R.T. -0.05 min

Lab File: BG028931.D

Acq: 26 Sep 2017 6:32

Tgt Ion: 136 Resp: 108710

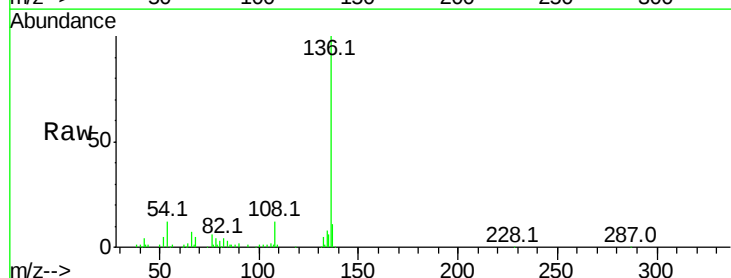
Ion Ratio Lower Upper

136 100

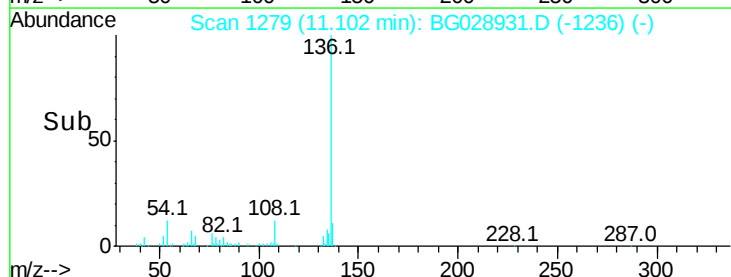
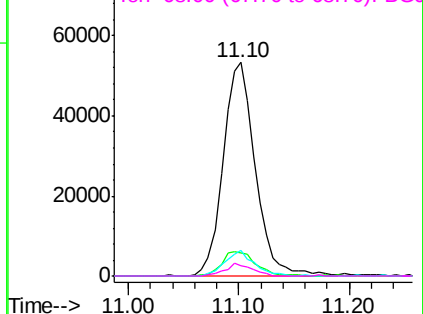
137 11.0 8.9 13.3

54 12.1 9.3 13.9

68 5.0 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

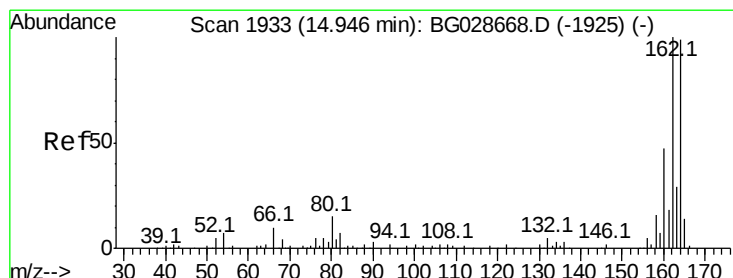
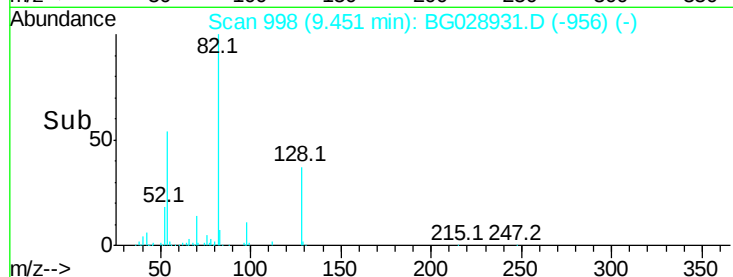
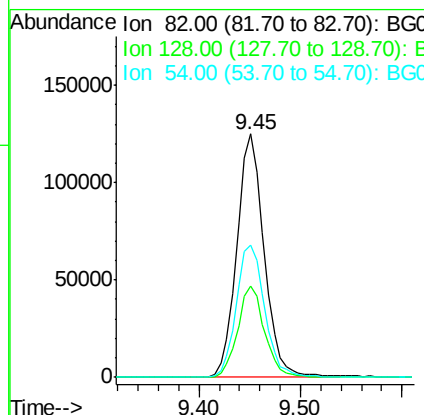
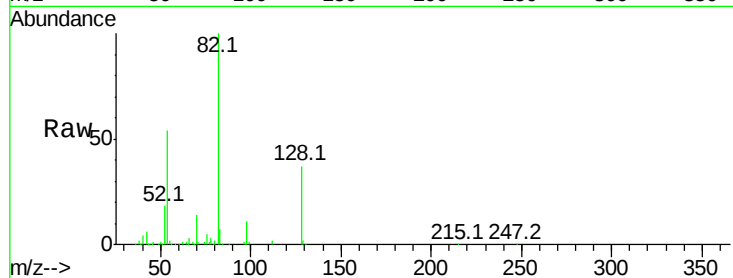




#23
 Nitrobenzene-d5
 Concen: 102.808 ng
 RT: 9.45 min Scan# 998
 Delta R.T. -0.05 min
 Lab File: BG028931.D
 Acq: 26 Sep 2017 6:32

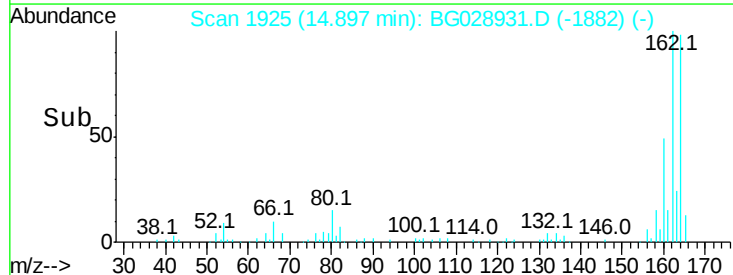
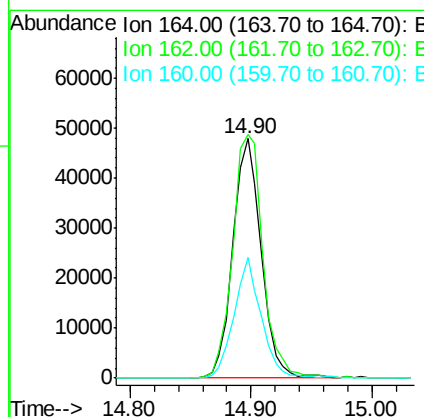
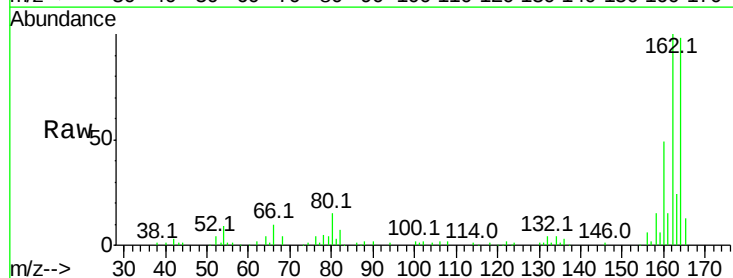
Instrument :
 BNA_G
 ClientSampleId :
 TP-4-(0-5)

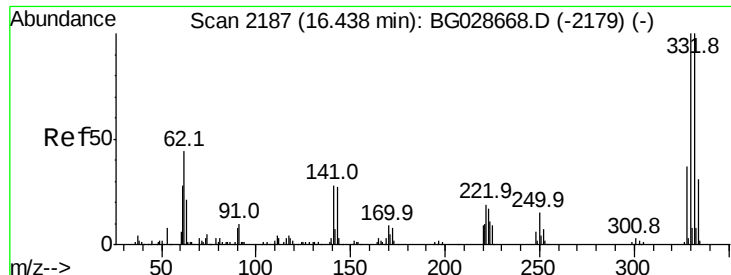
Tot Ion	82	Resp	233631
Ion	Ratio	Lower	Upper
82	100		
128	37.3	26.4	39.6
54	54.1	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.90 min Scan# 1925
 Delta R.T. -0.05 min
 Lab File: BG028931.D
 Acq: 26 Sep 2017 6:32

Tgt Ion	164	Resp	78445
Ion	Ratio	Lower	Upper
164	100		
162	101.6	85.1	127.7
160	50.3	34.7	52.1

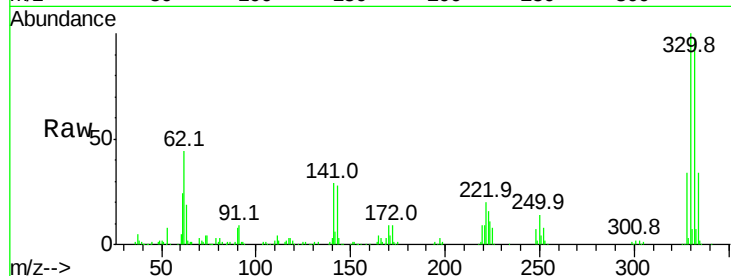




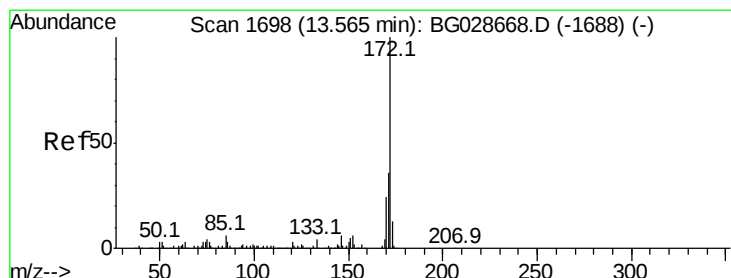
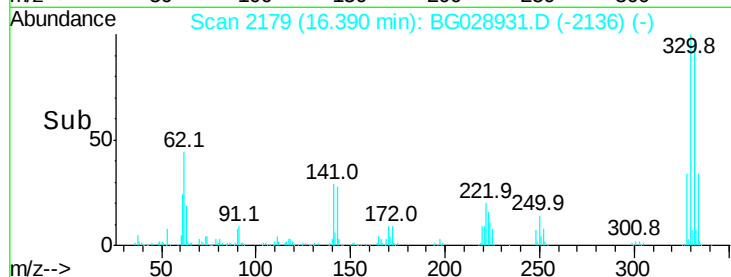
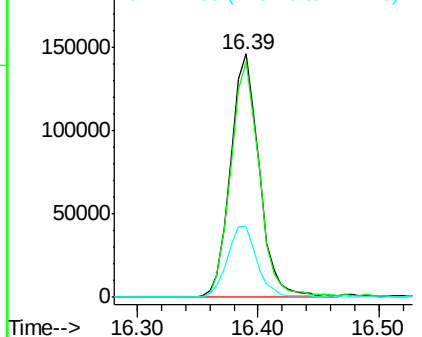
#41
 2,4,6-Tribromophenol
 Concen: 187.811 ng
 RT: 16.39 min Scan# 2179
 Delta R.T. -0.05 min
 Lab File: BG028931.D
 Acq: 26 Sep 2017 6:32

Instrument :
 BNA_G
 ClientSampleId :
 TP-4-(0-5)

Tot Ion:330 Resp: 243672
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.3 115.9
 141 30.5 32.1 48.1#

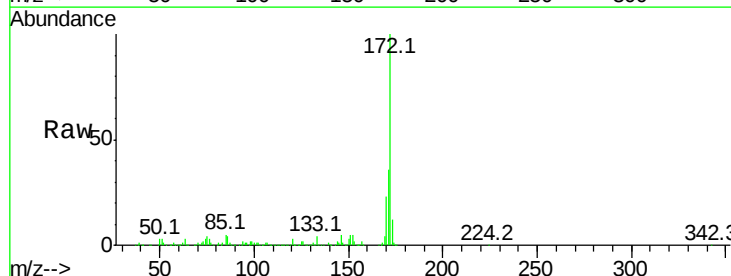


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

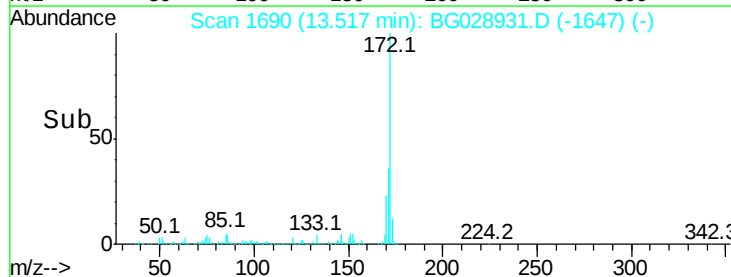
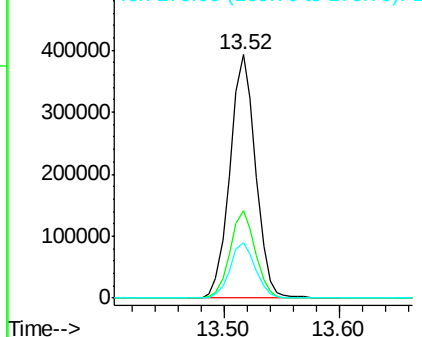


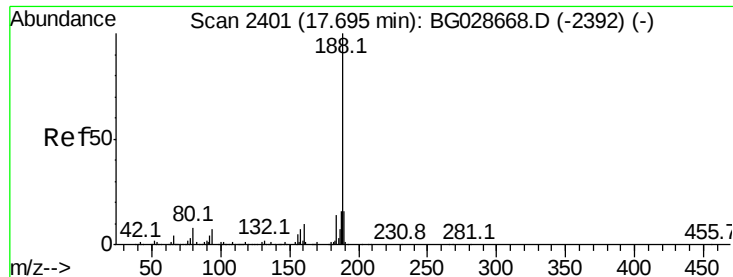
#44
 2-Fluorobiphenyl
 Concen: 102.862 ng
 RT: 13.52 min Scan# 1690
 Delta R.T. -0.05 min
 Lab File: BG028931.D
 Acq: 26 Sep 2017 6:32

Tgt Ion:172 Resp: 605134
 Ion Ratio Lower Upper
 172 100
 171 35.9 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

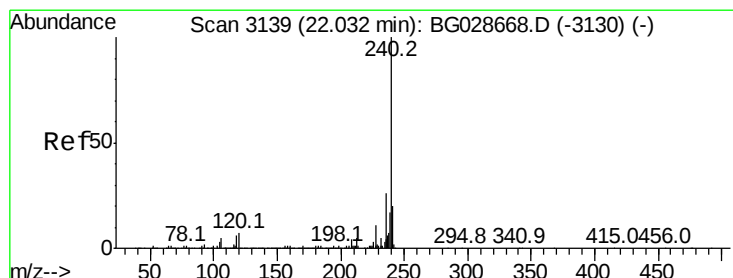
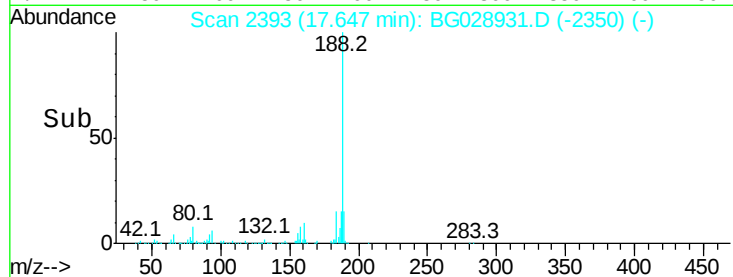
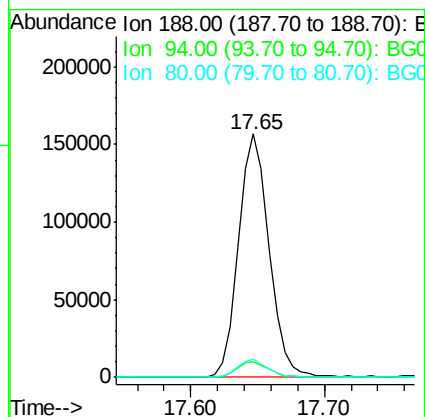
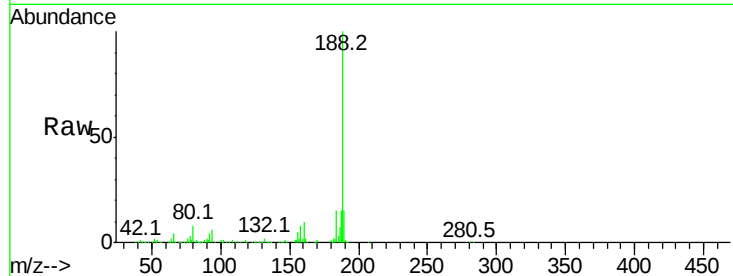




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.65 min Scan# 2393
Delta R.T. -0.05 min
Lab File: BG028931.D
Acq: 26 Sep 2017 6:32

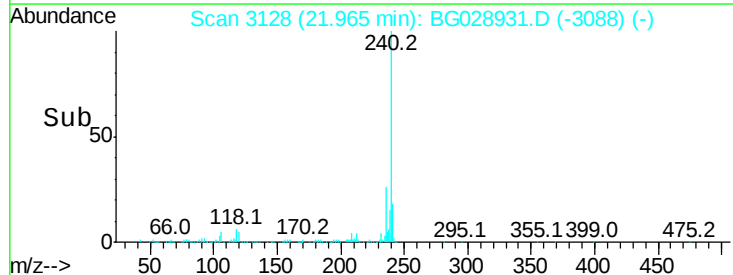
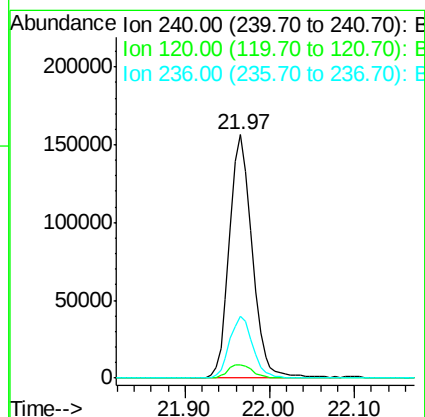
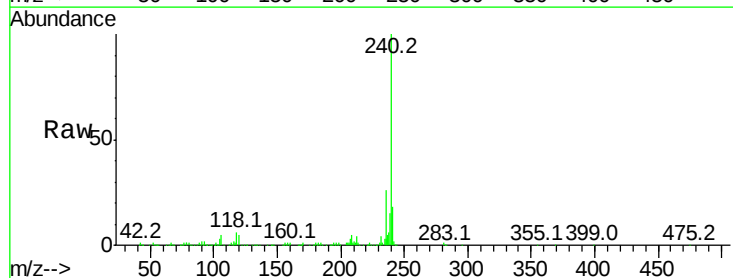
Instrument :
BNA_G
ClientSampleId :
TP-4-(0-5)

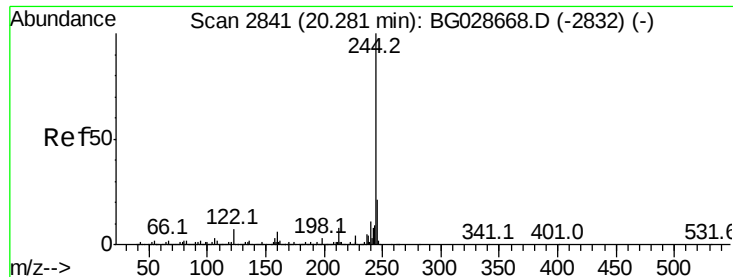
Tot Ion:188 Resp: 248999
Ion Ratio Lower Upper
188 100
94 6.3 5.8 8.8
80 7.7 7.5 11.3



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.97 min Scan# 3128
Delta R.T. -0.07 min
Lab File: BG028931.D
Acq: 26 Sep 2017 6:32

Tgt Ion:240 Resp: 291478
Ion Ratio Lower Upper
240 100
120 5.3 5.7 8.5#
236 25.7 22.2 33.4





#78

Terphenyl-d14

Concen: 105.548 ng

RT: 20.23 min Scan# 2833

Delta R.T. -0.05 min

Lab File: BG028931.D

Acq: 26 Sep 2017 6:32

Instrument :

BNA_G

ClientSampled :

TP-4-(0-5)

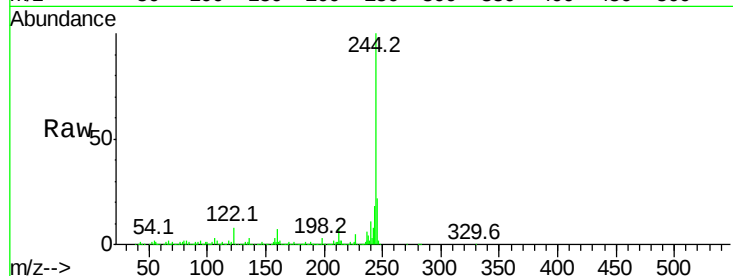
Tot Ion:244 Resp: 1442629

Ion Ratio Lower Upper

244 100

212 7.8 10.0 15.0#

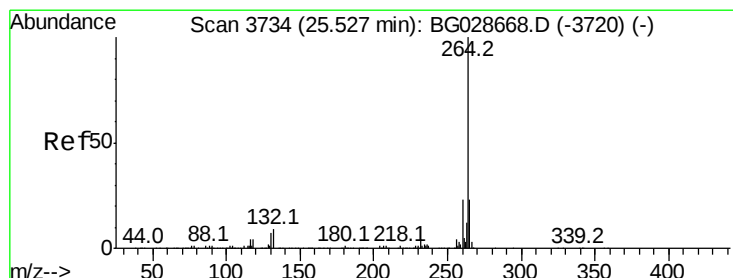
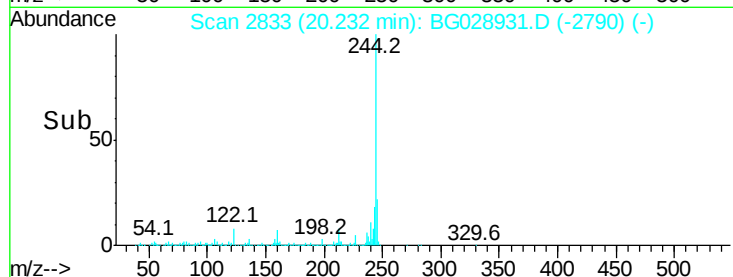
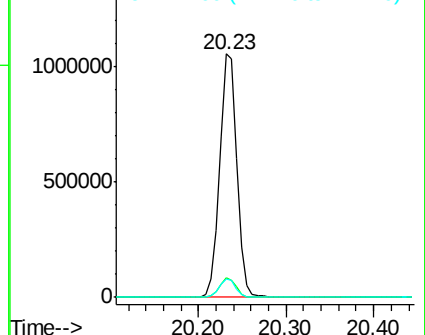
122 7.6 8.6 12.8#



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: 25.42 min Scan# 3716

Delta R.T. -0.11 min

Lab File: BG028931.D

Acq: 26 Sep 2017 6:32

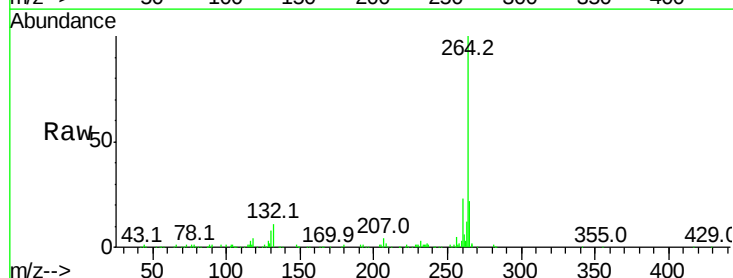
Tgt Ion:264 Resp: 291776

Ion Ratio Lower Upper

264 100

260 22.9 21.8 32.8

265 22.0 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

