

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102017\
 Data File : BG029396.D
 Acq On : 21 Oct 2017 18:02
 Operator : SJ/JU
 Sample : I6037-16
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 21 22:39:32 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 17:32:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	61274	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	275965	20.00	ng	-0.01
38) Acenaphthene-d10	14.78	164	187363	20.00	ng	-0.01
63) Phenanthrene-d10	17.52	188	493738	20.00	ng	-0.01
75) Chrysene-d12	21.79	240	560204	20.00	ng	-0.01
86) Perylene-d12	25.09	264	579352	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	249466	68.01	ng	0.00
7) Phenol-d6	7.31	99	217109	42.17	ng	-0.01
23) Nitrobenzene-d5	9.33	82	384763	88.60	ng	-0.01
41) 2,4,6-Tribromophenol	16.26	330	389664	161.08	ng	-0.01
44) 2-Fluorobiphenyl	13.41	172	1073490	84.03	ng	-0.01
78) Terphenyl-d14	20.11	244	1933942	78.54	ng	-0.01

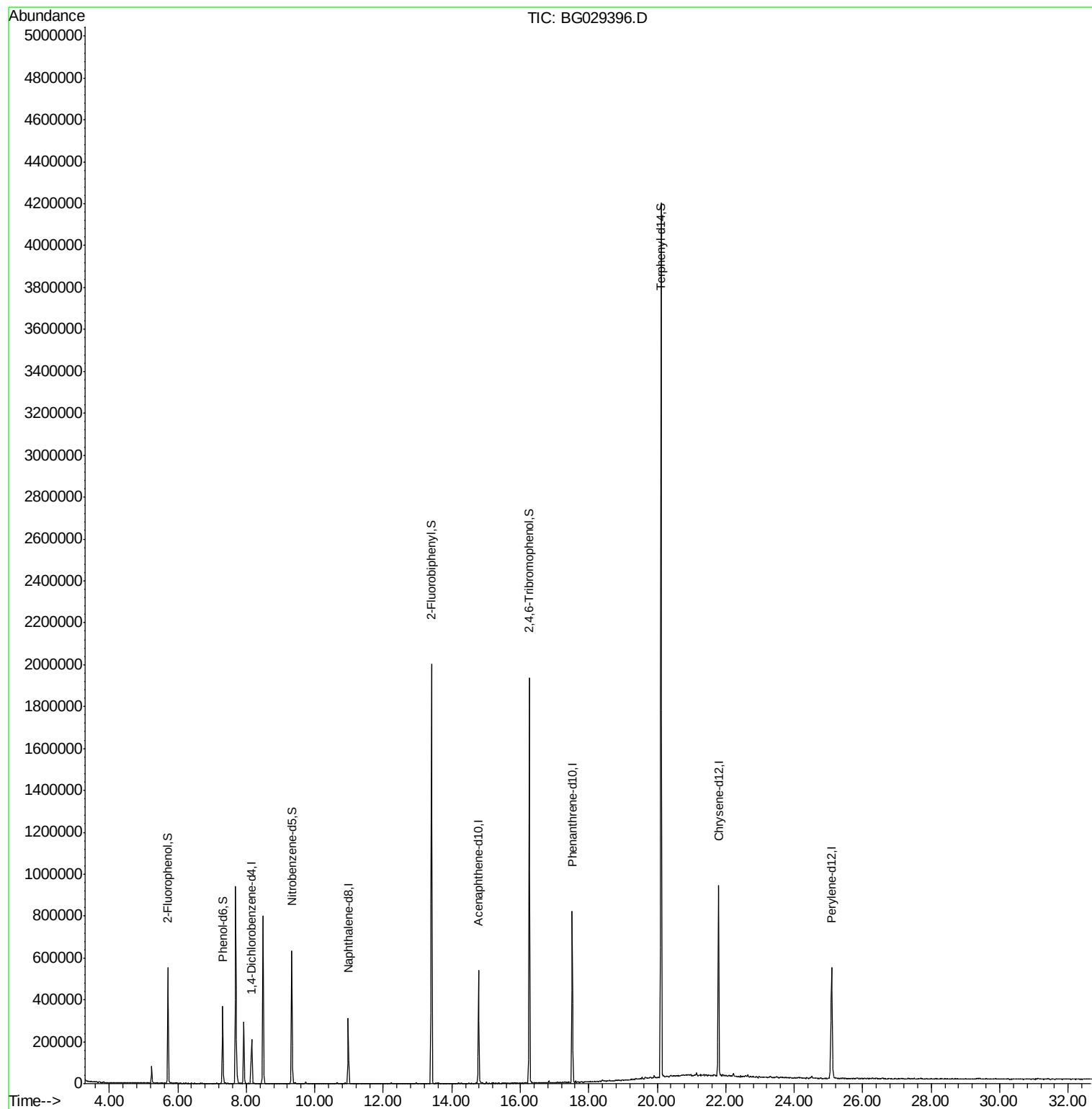
Target Compounds Qvalue

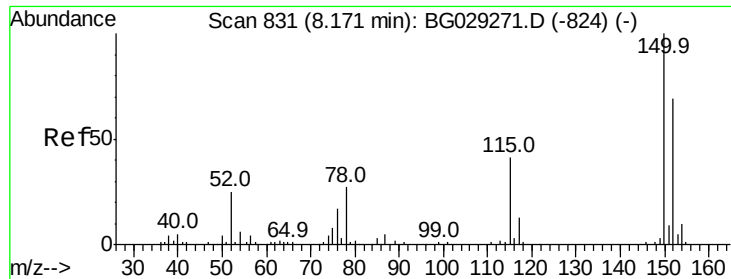
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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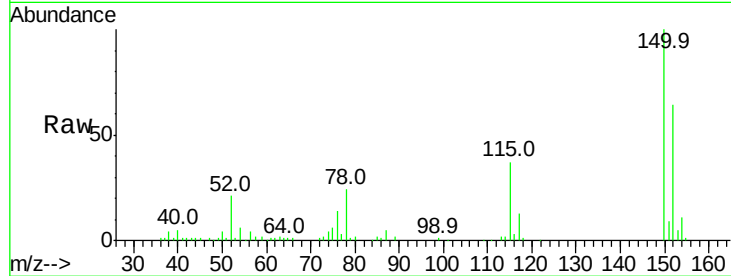


#1

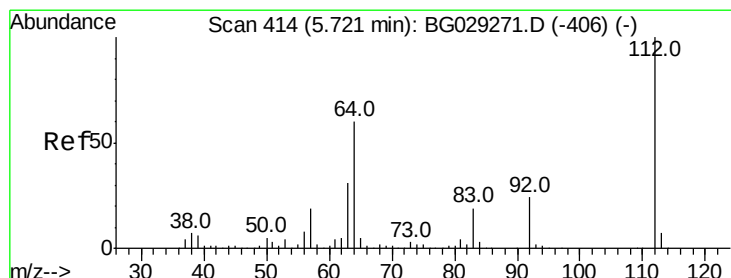
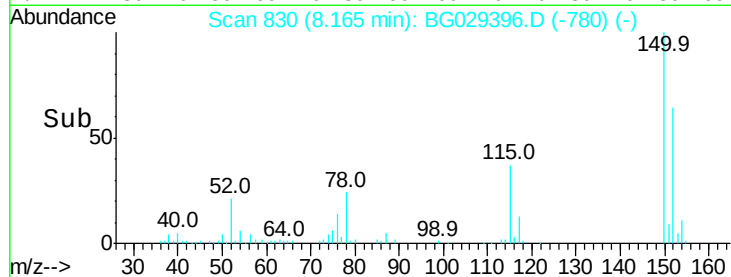
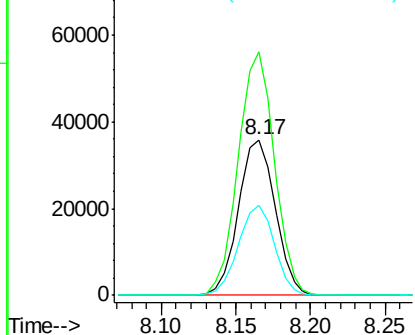
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG029396.D
Acq: 21 Oct 2017 18:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 61274
Ion Ratio Lower Upper
152 100
150 156.6 126.6 189.8
115 57.9 53.0 79.4



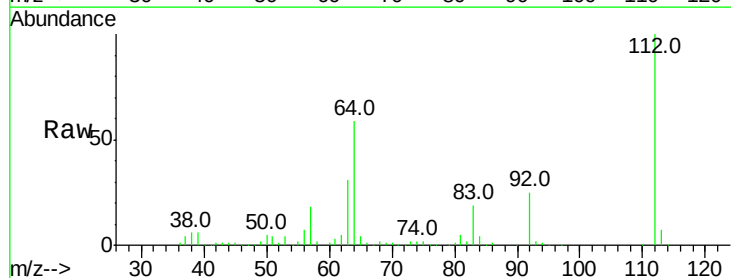
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



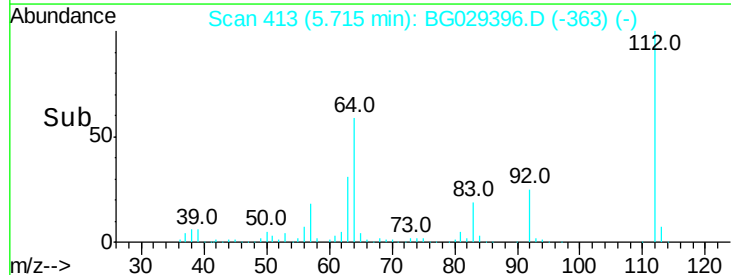
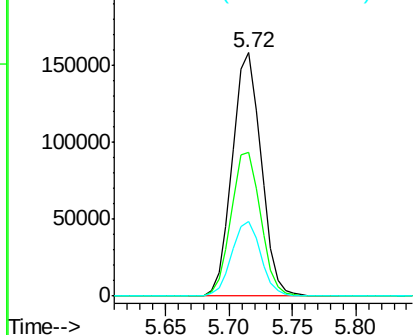
#5

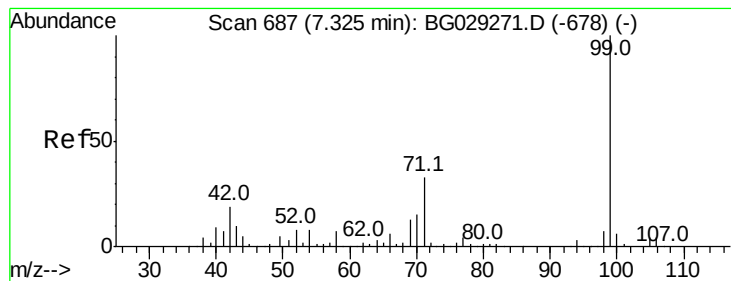
2-Fluorophenol
Concen: 68.014 ng
RT: 5.72 min Scan# 413
Delta R.T. -0.00 min
Lab File: BG029396.D
Acq: 21 Oct 2017 18:02

Tgt Ion:112 Resp: 249466
Ion Ratio Lower Upper
112 100
64 59.2 56.3 84.5
63 30.5 30.1 45.1



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: 42.170 ng

RT: 7.31 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG029396.D

Acq: 21 Oct 2017 18:02

Instrument :

BNA_G

ClientSampleId :

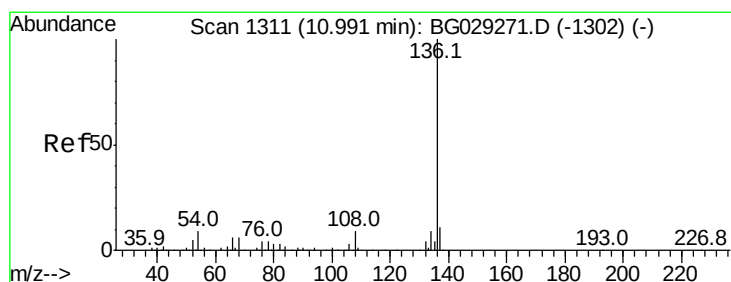
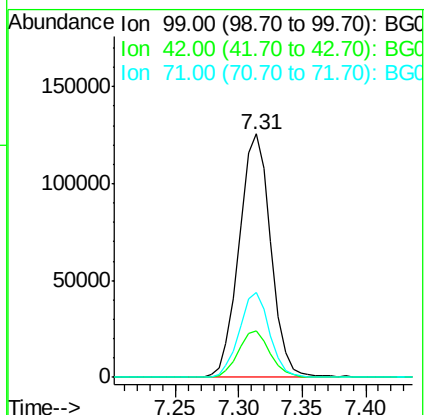
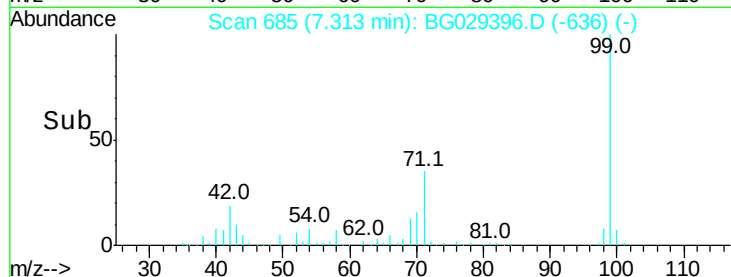
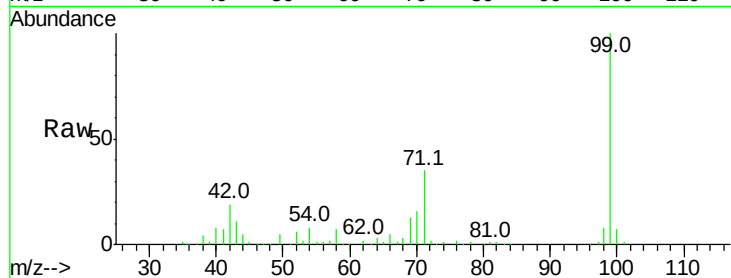
Tot Ion: 99 Resp: 217109

Ion Ratio Lower Upper

99 100

42 19.3 14.1 21.1

71 34.8 26.1 39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.98 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BG029396.D

Acq: 21 Oct 2017 18:02

Tgt Ion: 136 Resp: 275965

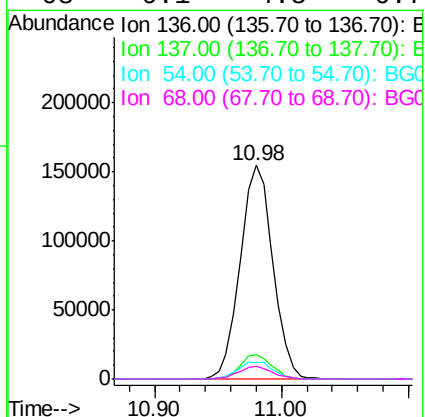
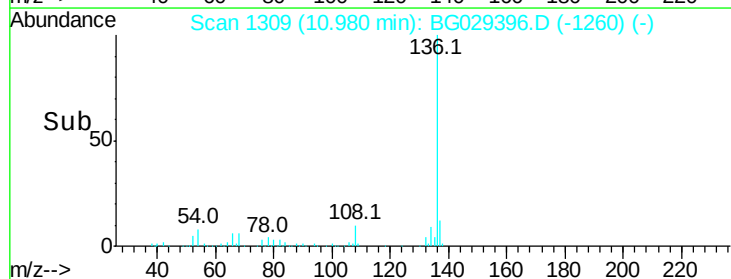
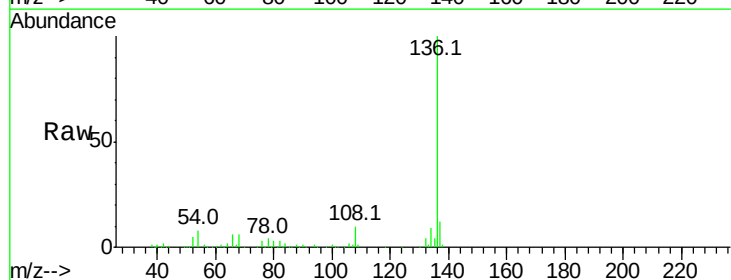
Ion Ratio Lower Upper

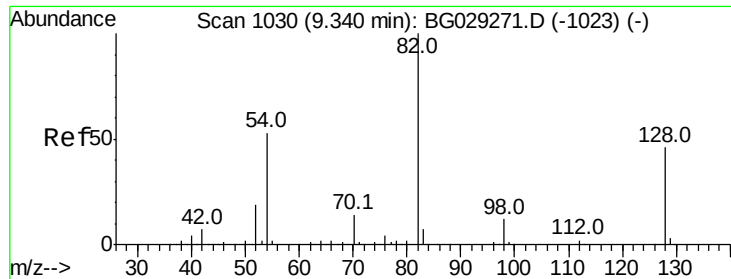
136 100

137 11.6 9.2 13.8

54 8.0 10.3 15.5#

68 6.1 4.5 6.7

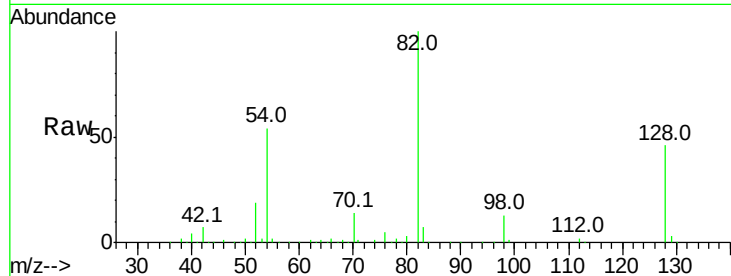




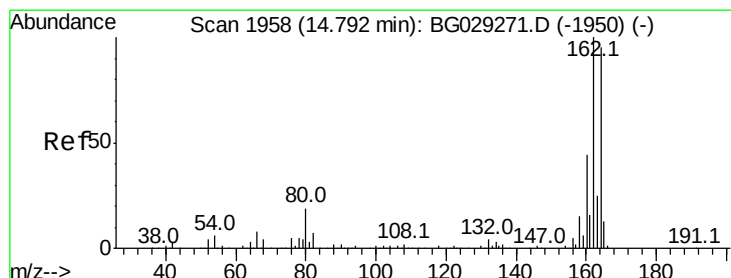
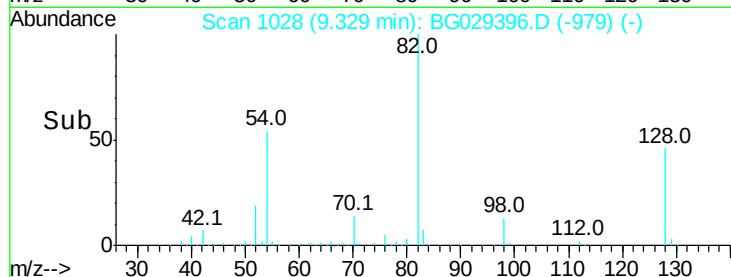
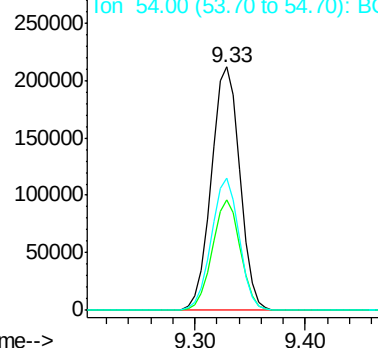
#23
Nitrobenzene-d5
Concen: 88.600 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG029396.D
Acq: 21 Oct 2017 18:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 384763
Ion Ratio Lower Upper
82 100
128 45.6 29.7 44.5#
54 54.2 43.1 64.7

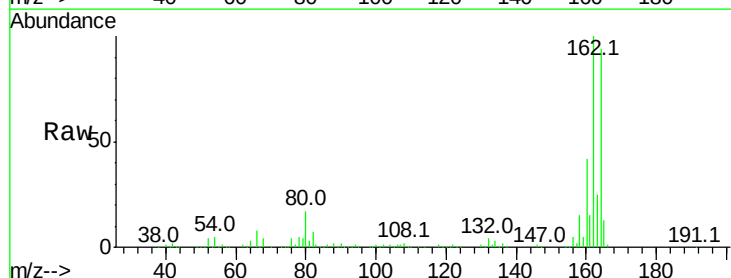


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

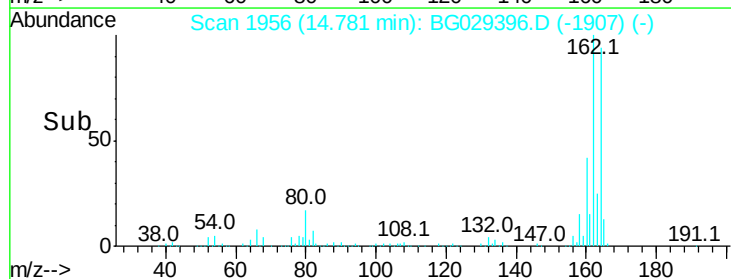
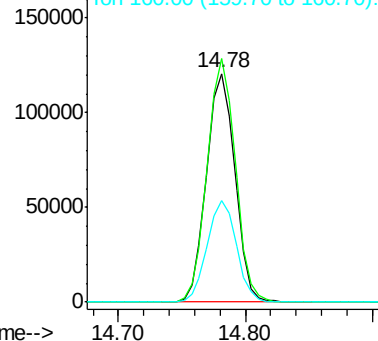


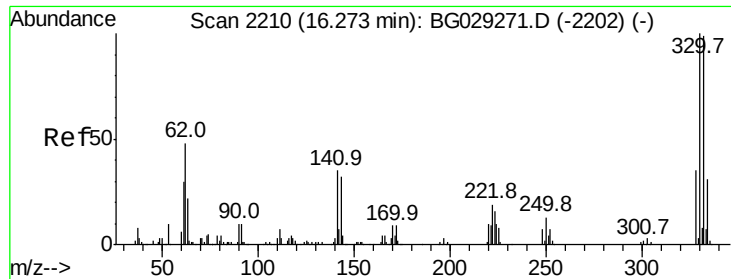
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG029396.D
Acq: 21 Oct 2017 18:02

Tgt Ion:164 Resp: 187363
Ion Ratio Lower Upper
164 100
162 106.5 78.8 118.2
160 44.7 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

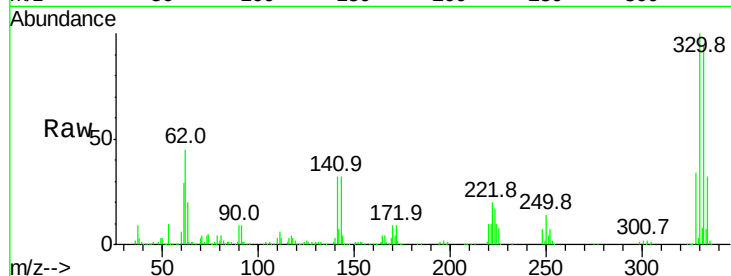




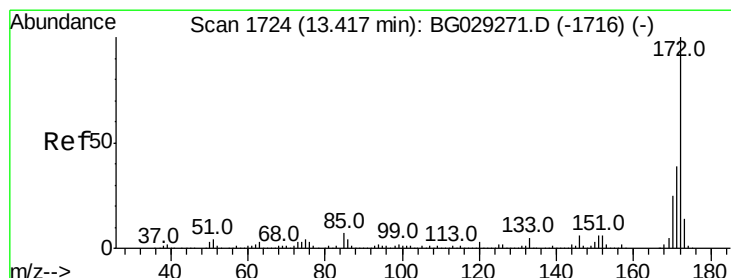
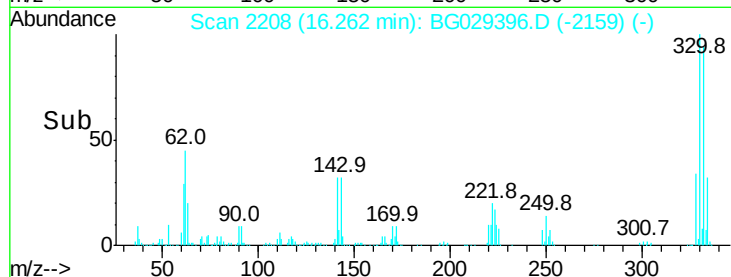
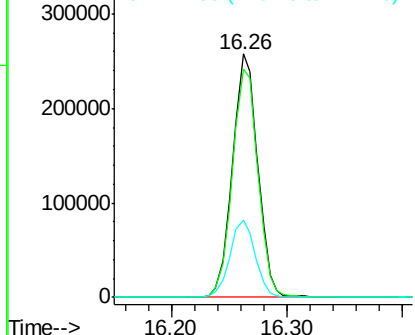
#41
 2,4,6-Tribromophenol
 Concen: 161.082 ng
 RT: 16.26 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BG029396.D
 Acq: 21 Oct 2017 18:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 389664
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 32.0 25.2 37.8

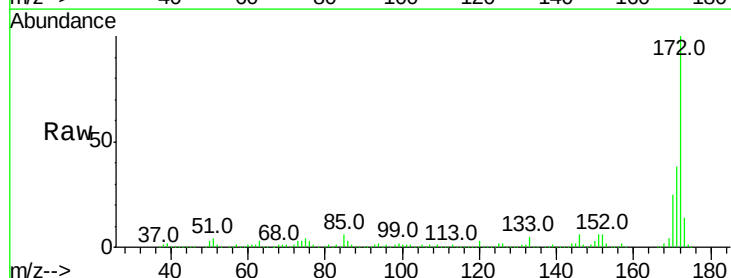


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

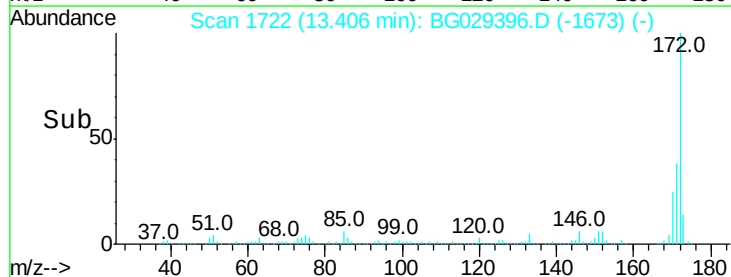
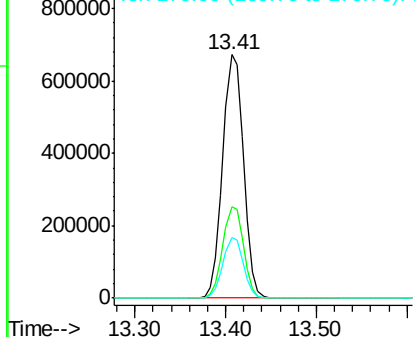


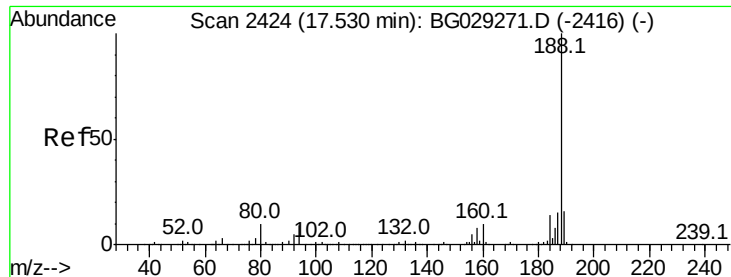
#44
 2-Fluorobiphenyl
 Concen: 84.031 ng
 RT: 13.41 min Scan# 1722
 Delta R.T. -0.01 min
 Lab File: BG029396.D
 Acq: 21 Oct 2017 18:02

Tgt Ion:172 Resp: 1073490
 Ion Ratio Lower Upper
 172 100
 171 37.7 30.0 45.0
 170 25.1 19.5 29.3



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

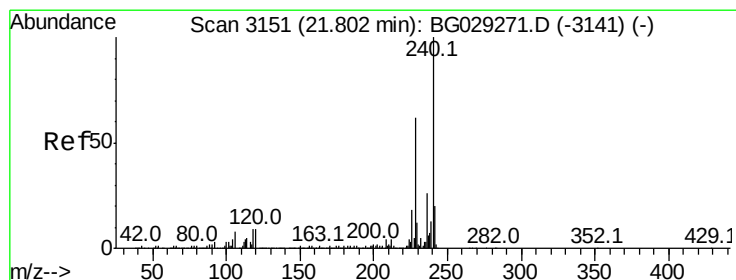
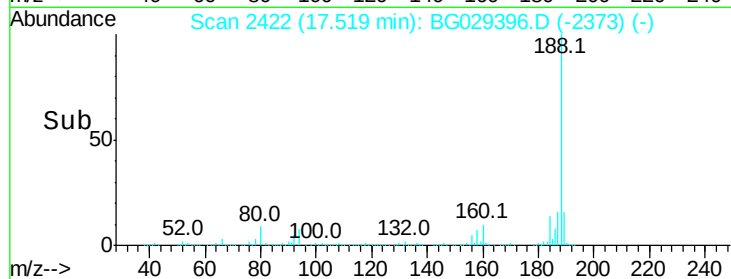
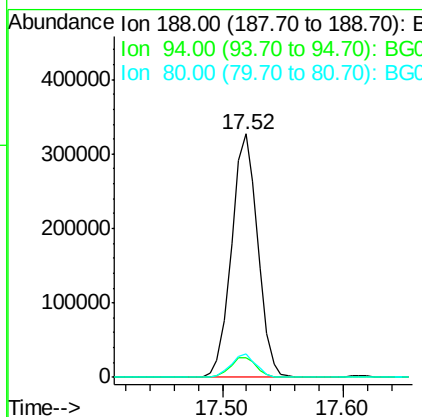
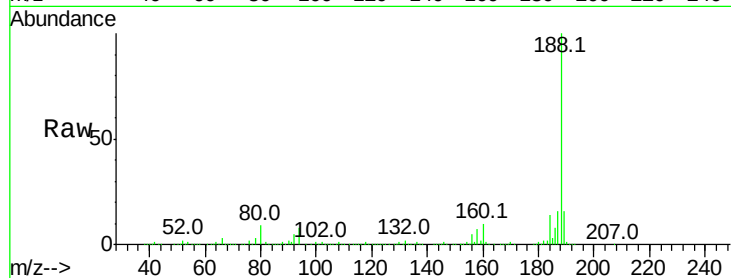




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG029396.D
Acq: 21 Oct 2017 18:02

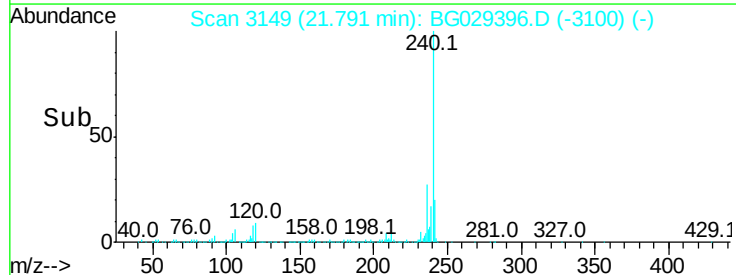
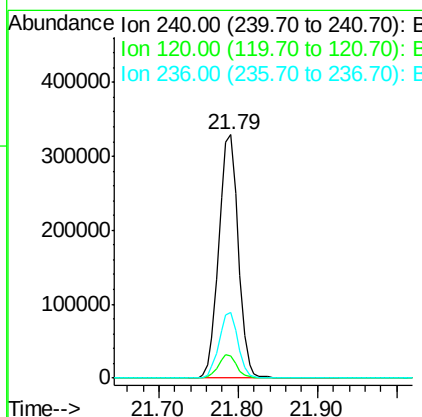
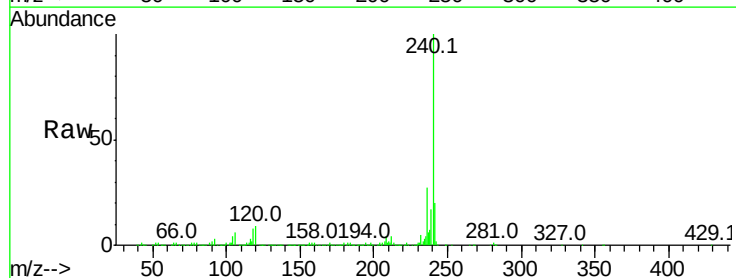
Instrument :
BNA_G
ClientSampleId :

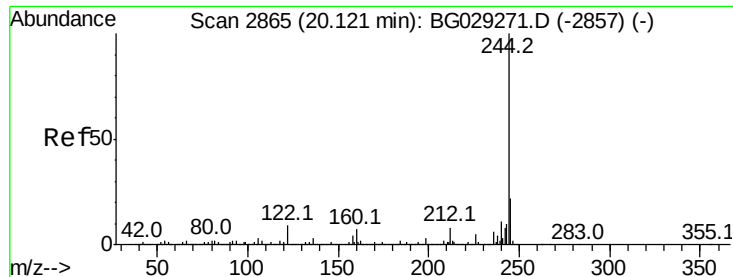
Tot Ion:188 Resp: 493738
Ion Ratio Lower Upper
188 100
94 8.1 6.9 10.3
80 9.4 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BG029396.D
Acq: 21 Oct 2017 18:02

Tgt Ion:240 Resp: 560204
Ion Ratio Lower Upper
240 100
120 9.4 6.8 10.2
236 27.0 20.9 31.3





#78

Terphenyl-d14

Concen: 78.535 ng

RT: 20.11 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG029396.D

Acq: 21 Oct 2017 18:02

Instrument :

BNA_G

ClientSampleId :

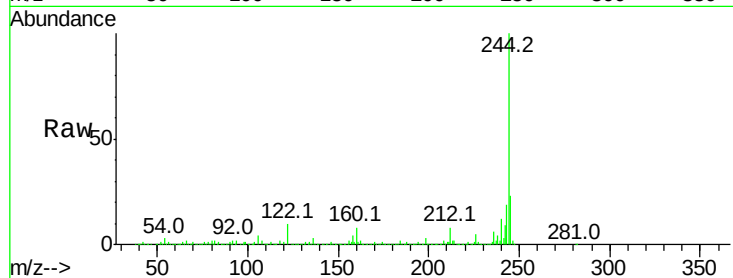
Tot Ion:244 Resp: 1933942

Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.8	8.8
122	9.9	7.0	10.4

244 100

212 8.2 5.8 8.8

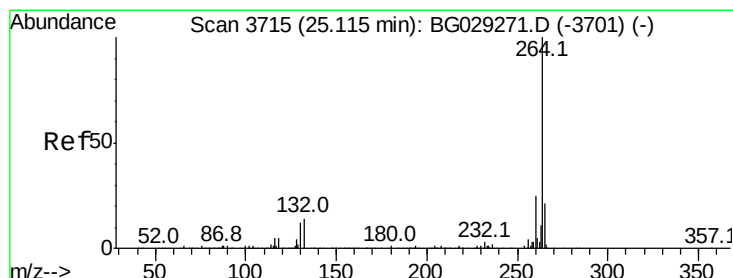
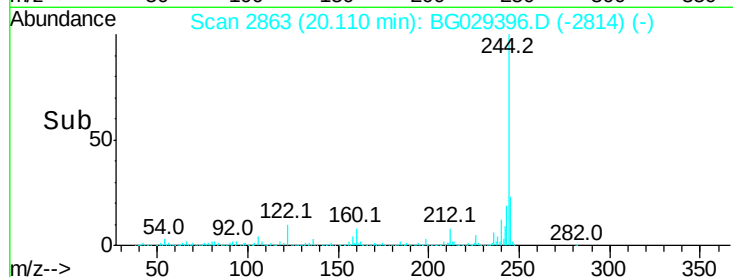
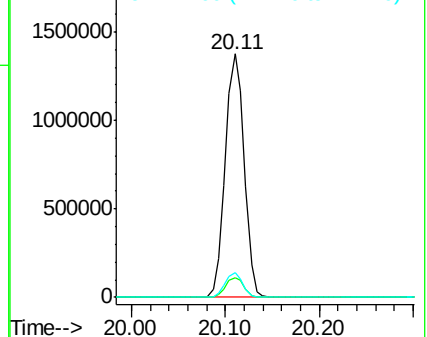
122 9.9 7.0 10.4



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: 25.09 min Scan# 3711

Delta R.T. -0.02 min

Lab File: BG029396.D

Acq: 21 Oct 2017 18:02

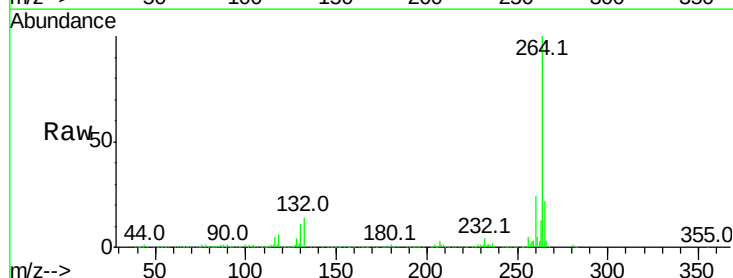
Tgt Ion:264 Resp: 579352

Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	22.5	17.7	26.5

264 100

260 23.8 17.4 26.0

265 22.5 17.7 26.5



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

