

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 :
 RAV-GT104

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

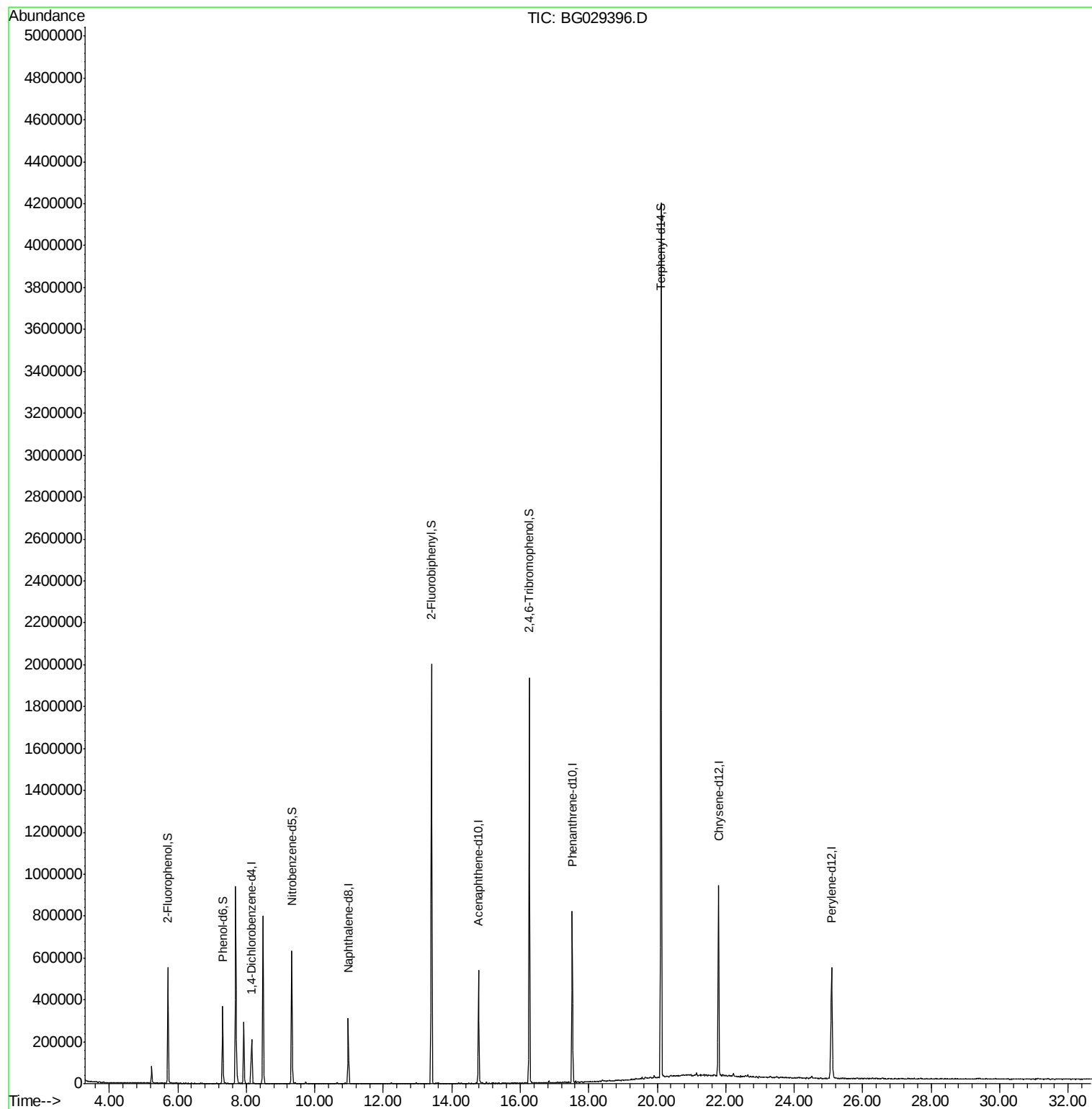
Target Compounds Qvalue

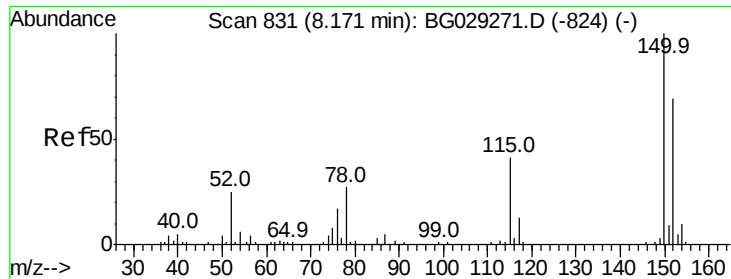
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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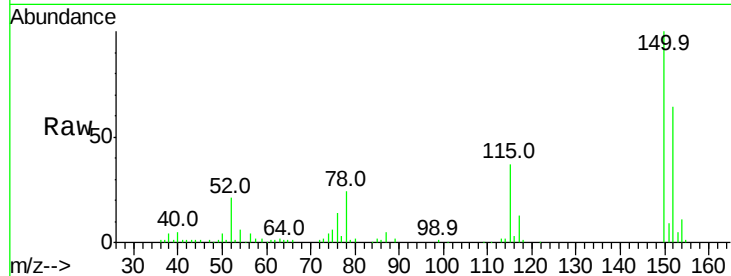


#1

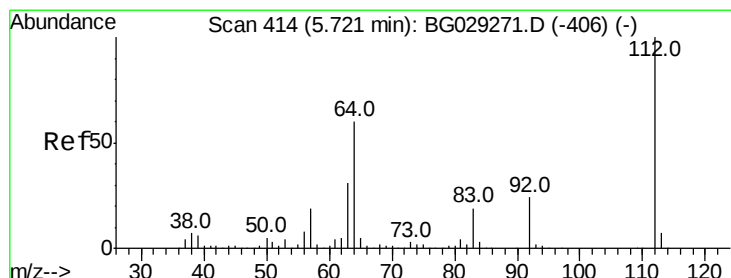
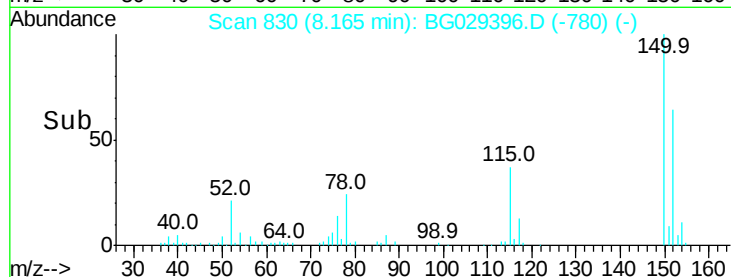
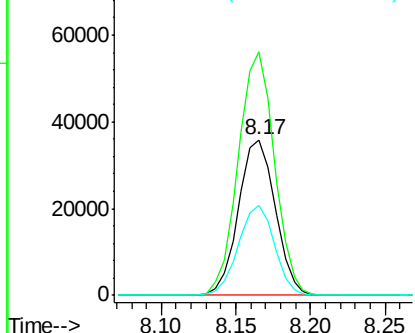
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG029396.D
Acq: 21 Oct 2017 18:02

Instrument :
BNA_G
ClientSampleId :
RAV-GT104

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



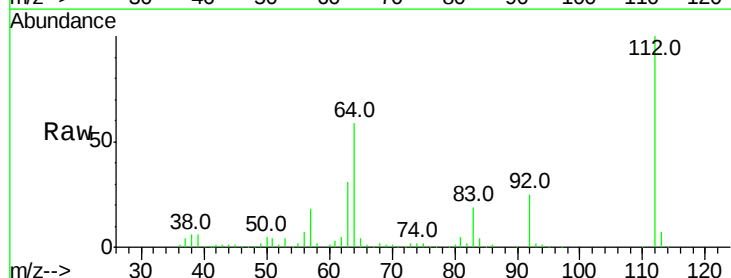
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



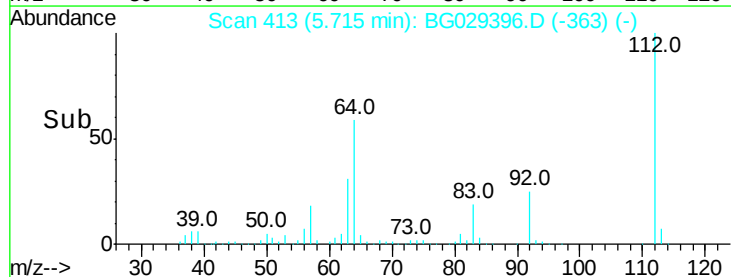
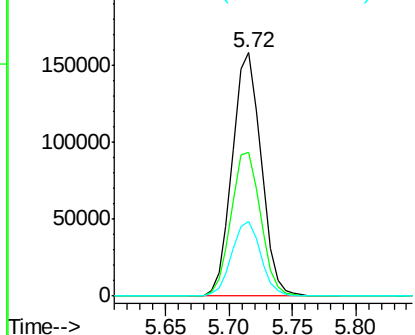
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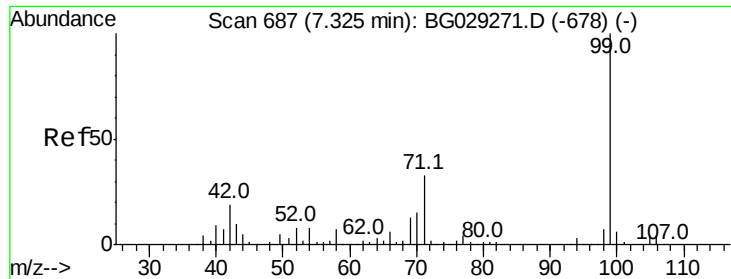
2-Fluorophenol
Concen: 68.014 ng
RT: 5.72 min Scan# 413
Delta R.T. -0.00 min
Lab File: BG029396.D
Acq: 21 Oct 2017 18:02

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 :

RAV-GT104

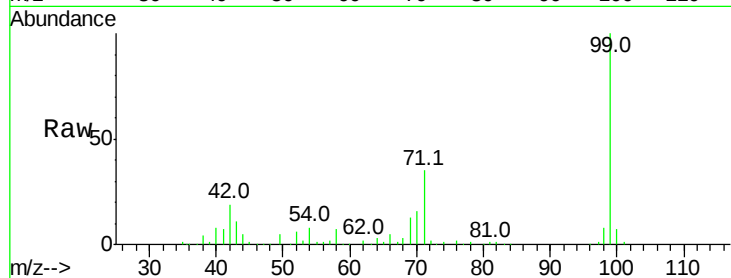
Tot Ion: 99 Resp: 217109

Ion Ratio Lower Upper

99 100

42 19.3 14.1 21.1

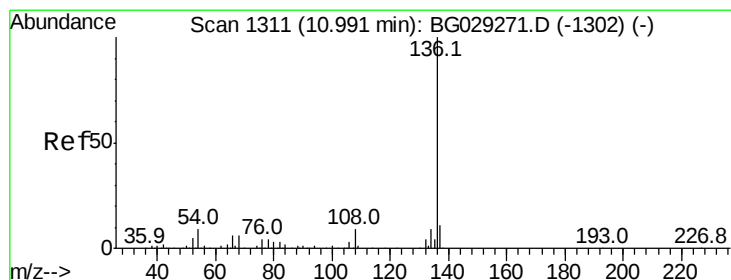
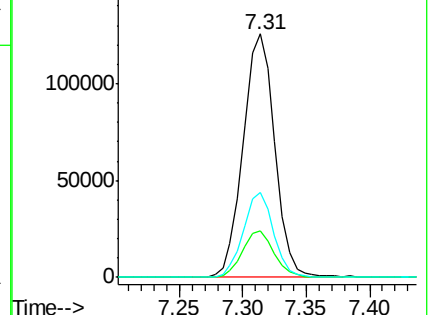
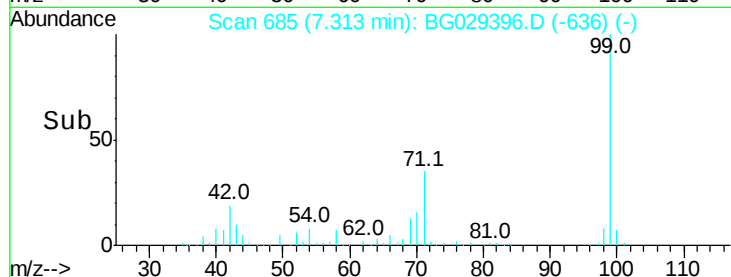
71 34.8 26.1 39.1



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: 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

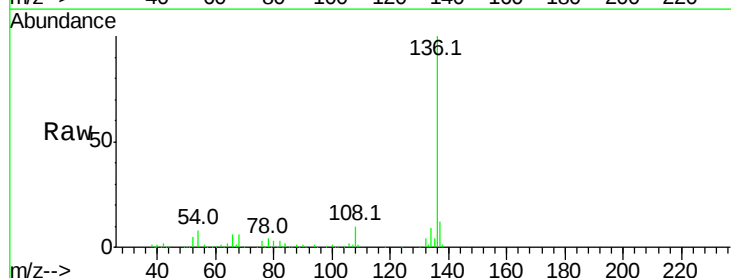
Ion Ratio Lower Upper

136 100

137 11.6 9.2 13.8

54 8.0 10.3 15.5#

68 6.1 4.5 6.7

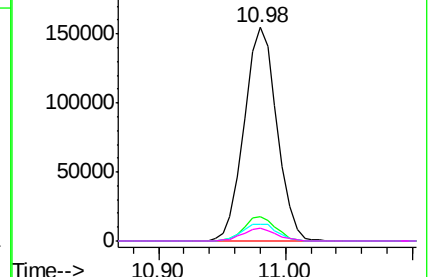
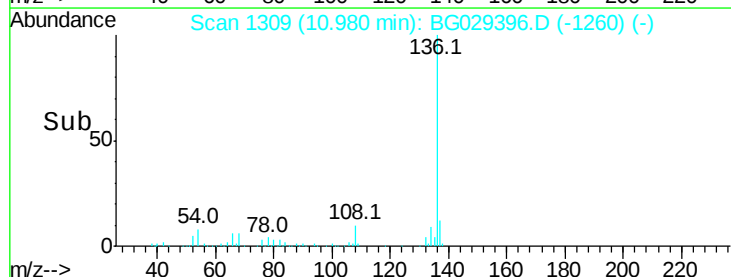


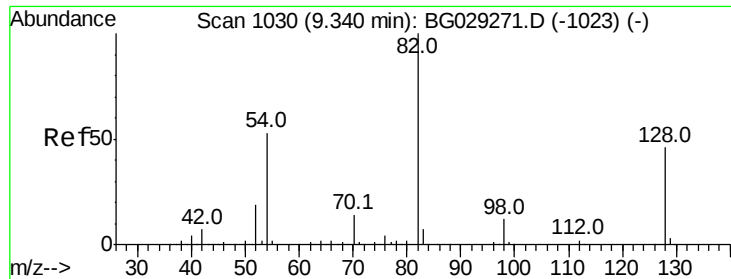
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

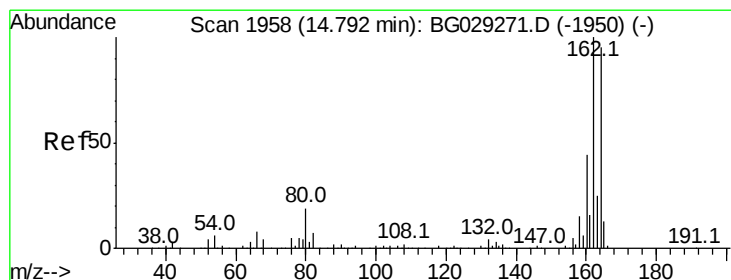
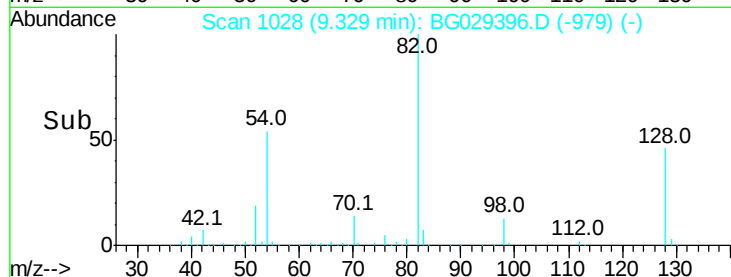
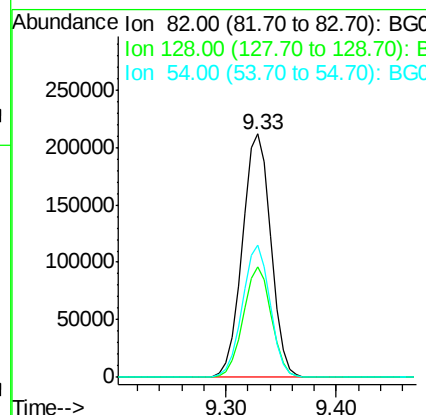
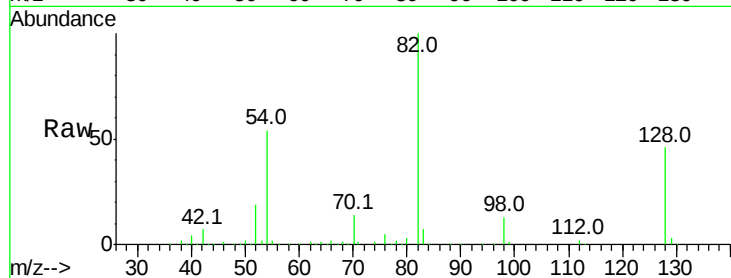




#23
 Nitrobenzene-d5
 Concen: 88.600 ng
 RT: 9.33 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BG029396.D
 Acq: 21 Oct 2017 18:02

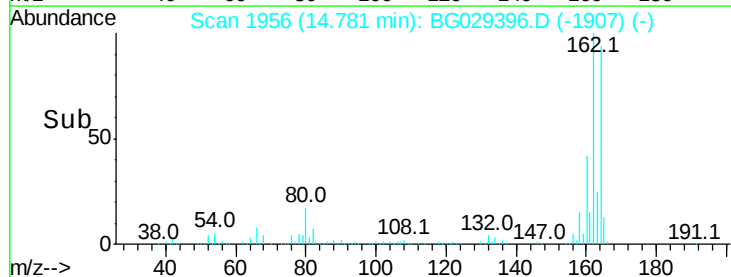
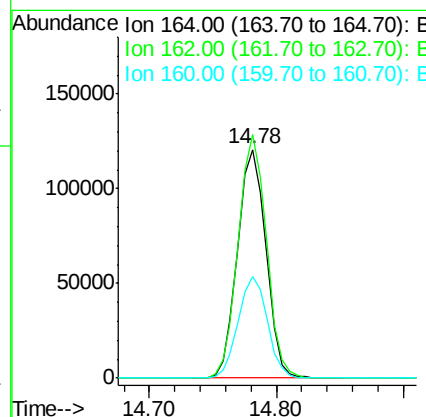
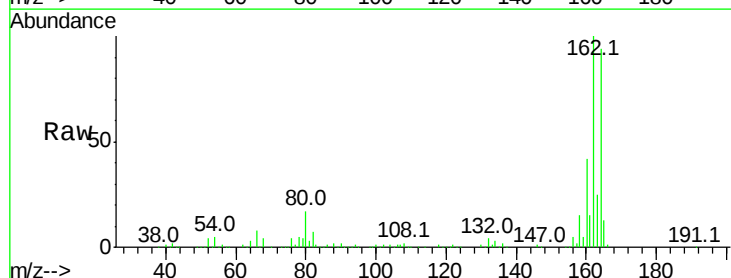
Instrument :
 BNA_G
 ClientSampleId :
 RAV-GT104

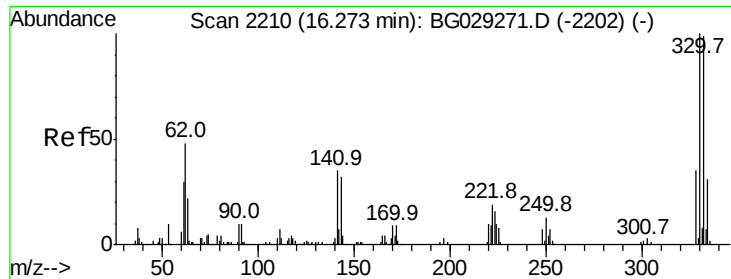
Tot Ion: 82 Resp: 384763
 Ion Ratio Lower Upper
 82 100
 128 45.6 29.7 44.5#
 54 54.2 43.1 64.7



#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





#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 :

RAV-GT104

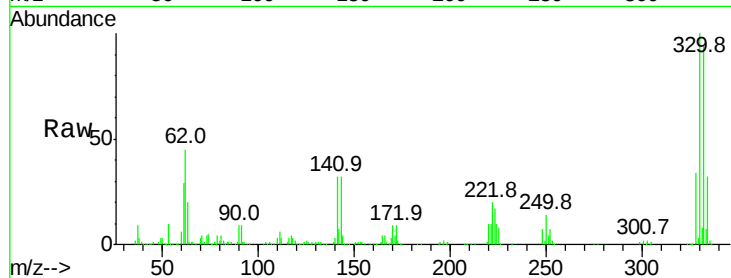
Tot Ion:330 Resp: 389664

Ion Ratio Lower Upper

330 100

332 95.4 77.0 115.6

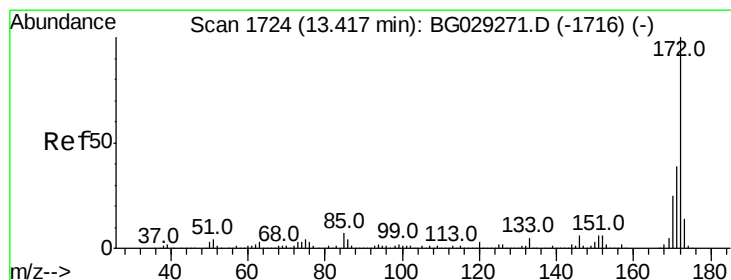
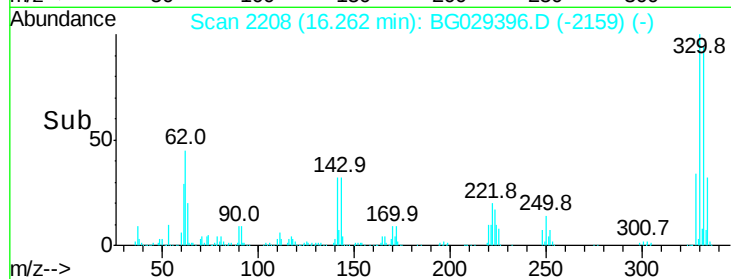
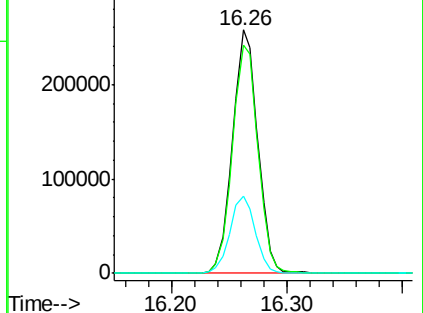
141 32.0 25.2 37.8



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

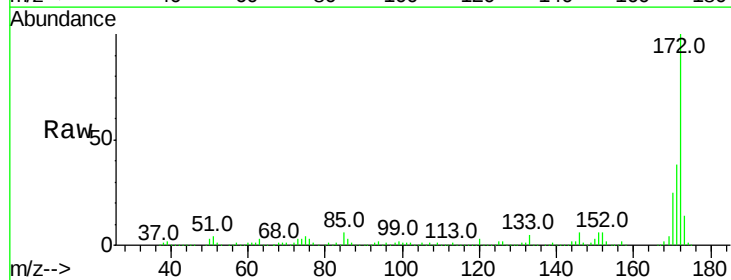
Tgt Ion:172 Resp: 1073490

Ion Ratio Lower Upper

172 100

171 37.7 30.0 45.0

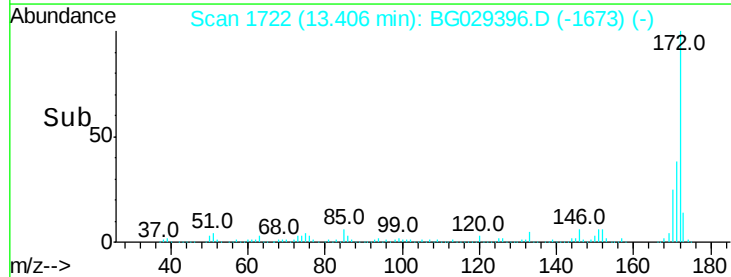
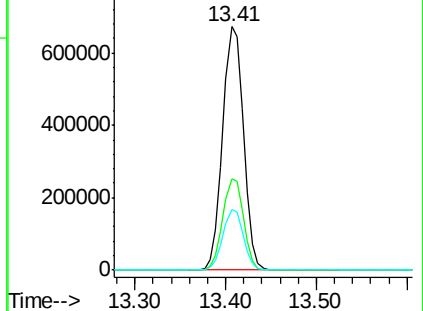
170 25.1 19.5 29.3

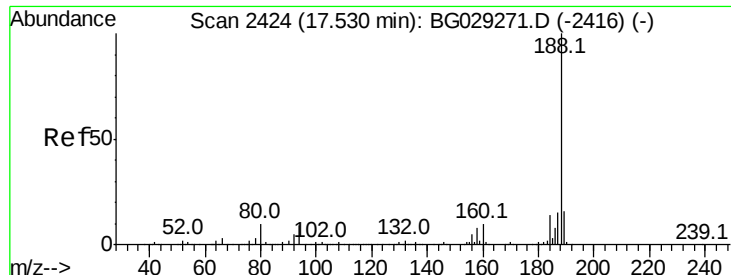


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

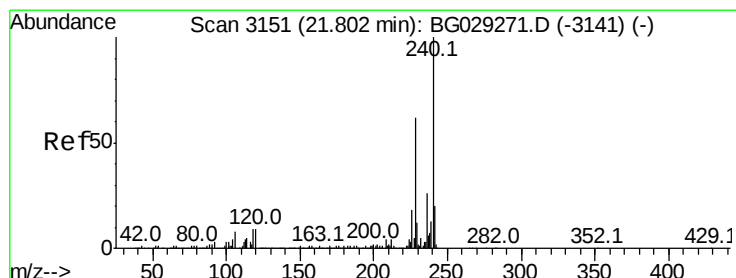
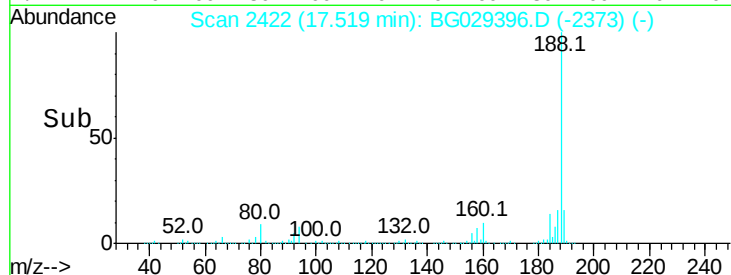
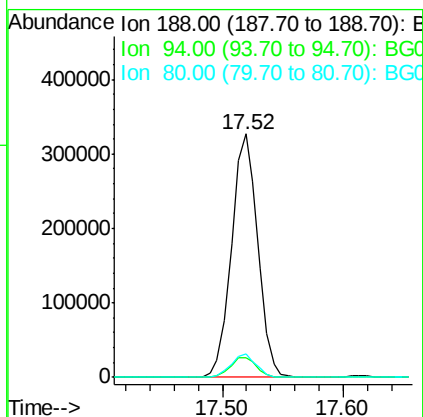
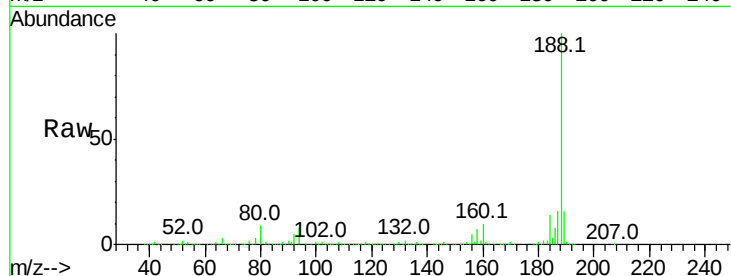




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG029396.D
Acq: 21 Oct 2017 18:02

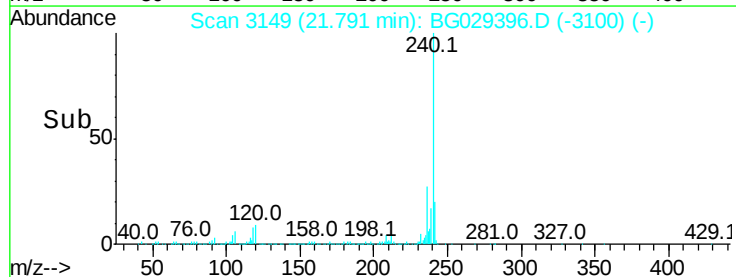
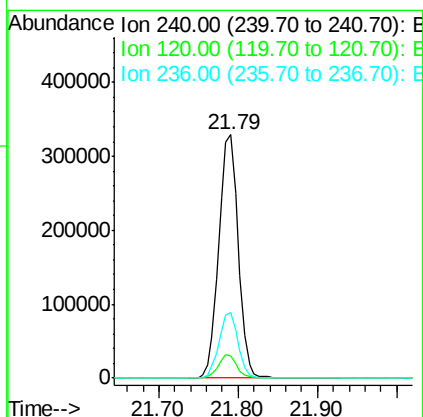
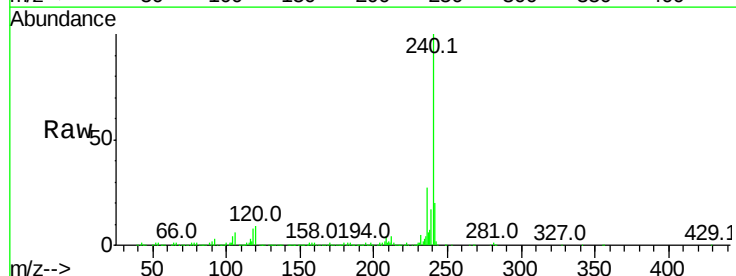
Instrument :
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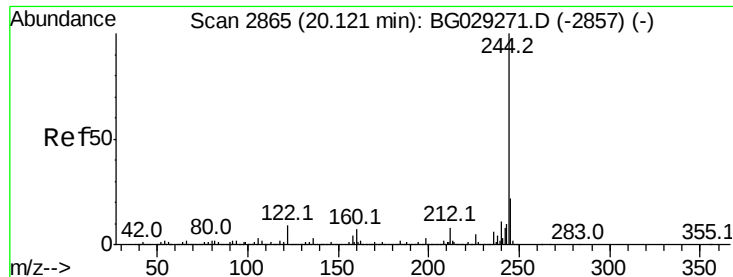
Tot Ion:188 Resp: 493738
Ion Ratio Lower Upper
188 100
94 8.1 6.9 10.3
80 9.4 7.7 11.5



#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

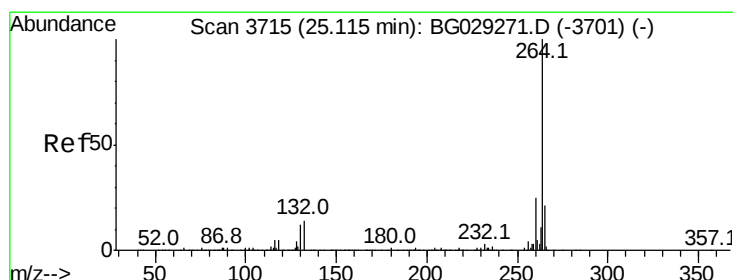
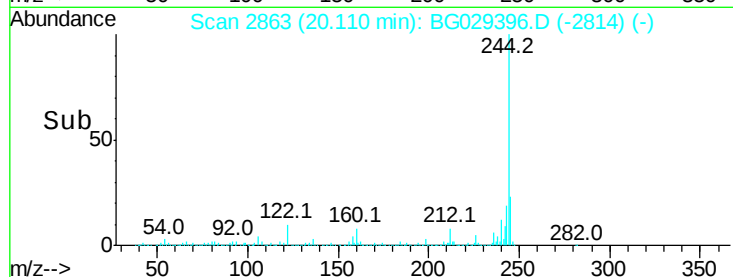
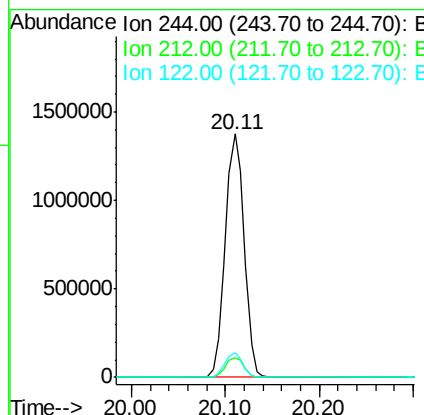
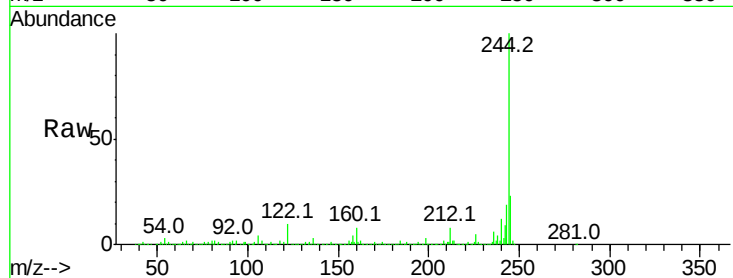




#78
 Terphenyl-d14
 Concen: 78.535 ng
 RT: 20.11 min Scan# 2863
 Delta R.T. -0.01 min
 Lab File: BG029396.D
 Acq: 21 Oct 2017 18:02

Instrument :
 BNA_G
 ClientSampleId :
 RAV-GT104

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



#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

