

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102017\
 Data File : BG029399.D
 Acq On : 21 Oct 2017 20:01
 Operator : SJ/JU
 Sample : I6019-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-01

Quant Time: Oct 21 22:41:11 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	8.16	152	59536	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	263957	20.00	ng	-0.01
38) Acenaphthene-d10	14.78	164	185857	20.00	ng	-0.01
63) Phenanthrene-d10	17.52	188	495248	20.00	ng	-0.01
75) Chrysene-d12	21.79	240	557155	20.00	ng	-0.01
86) Perylene-d12	25.09	264	566382	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	259548	72.83	ng	0.00
7) Phenol-d6	7.31	99	221012	44.18	ng	-0.01
23) Nitrobenzene-d5	9.33	82	401143	96.57	ng	-0.01
41) 2,4,6-Tribromophenol	16.26	330	415273	173.06	ng	-0.01
44) 2-Fluorobiphenyl	13.41	172	1132044	89.33	ng	0.00
78) Terphenyl-d14	20.11	244	1960889	80.07	ng	-0.01

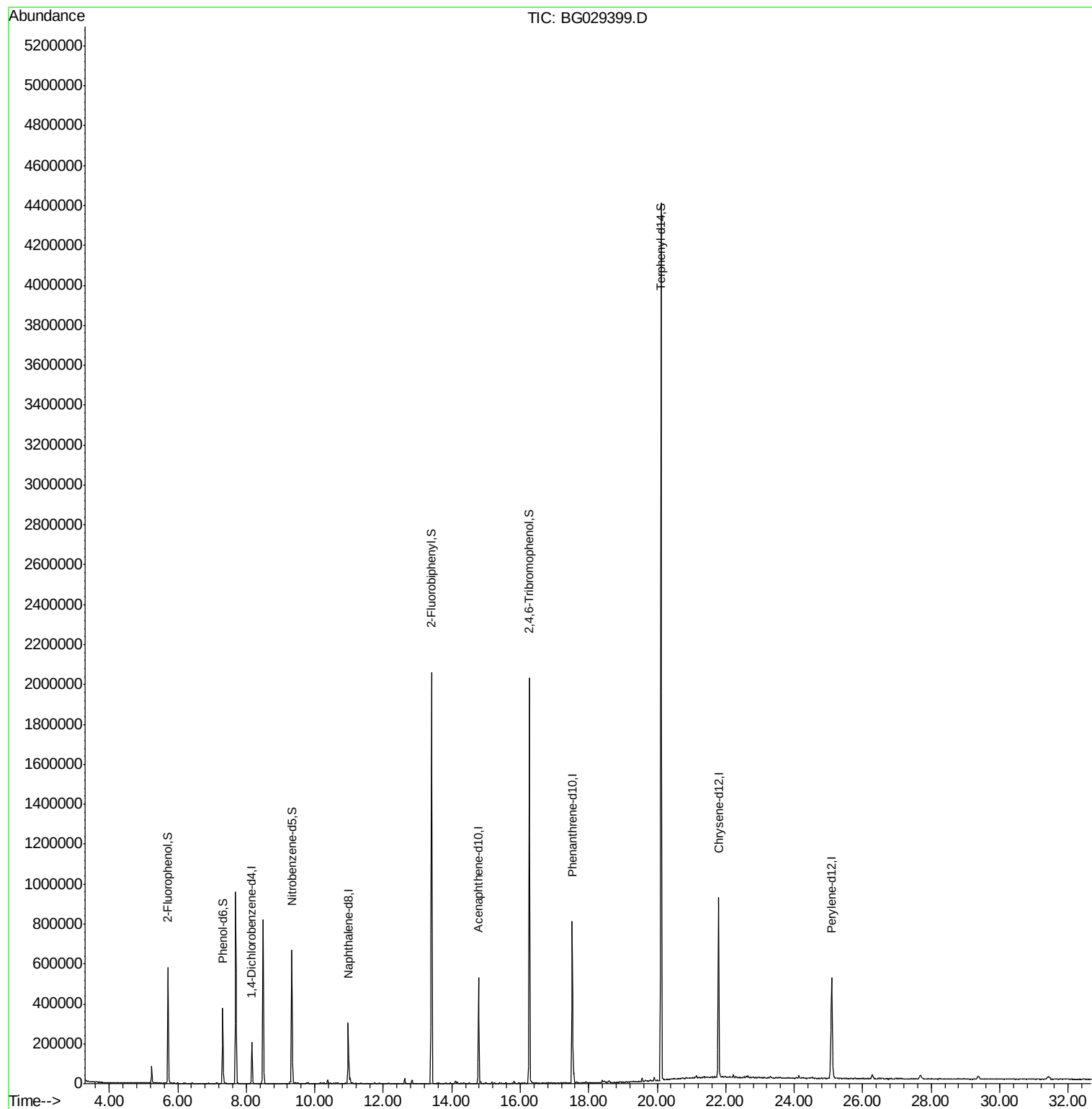
Target Compounds Qvalue

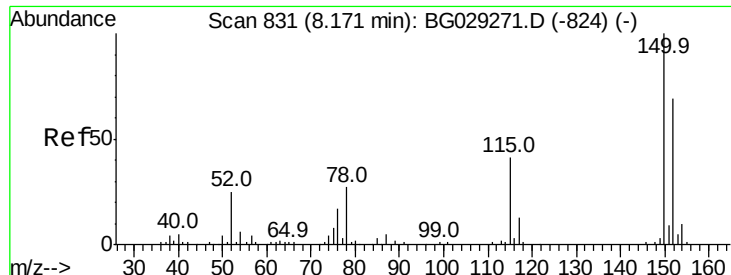
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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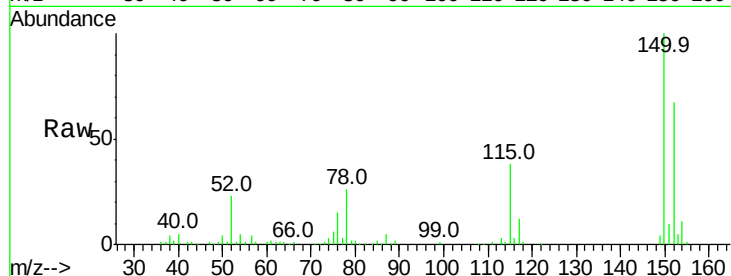


#1

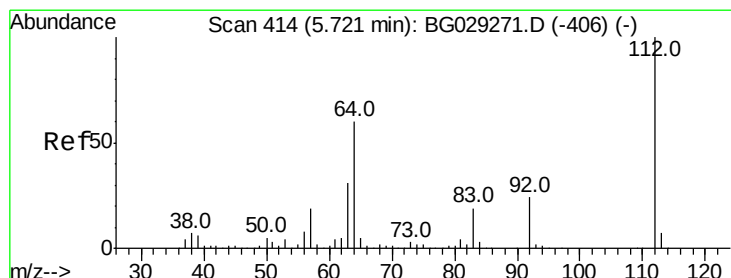
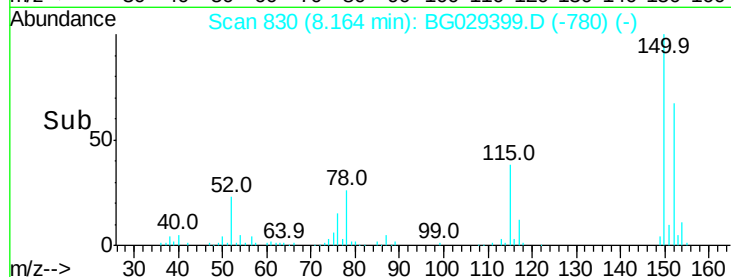
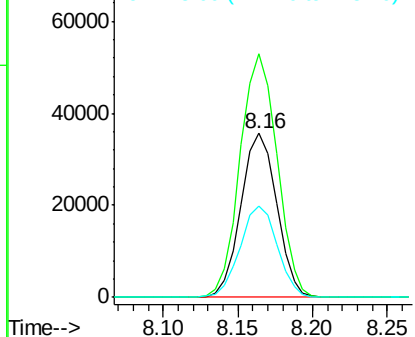
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG029399.D
Acq: 21 Oct 2017 20:01

Instrument :
BNA_G
ClientSampleId :
MW-01

Tot Ion:152 Resp: 59536
Ion Ratio Lower Upper
152 100
150 148.4 126.6 189.8
115 55.8 53.0 79.4



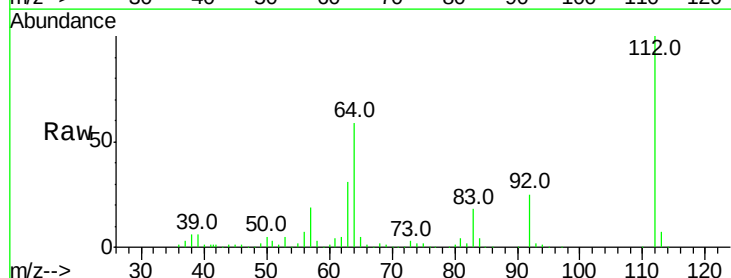
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



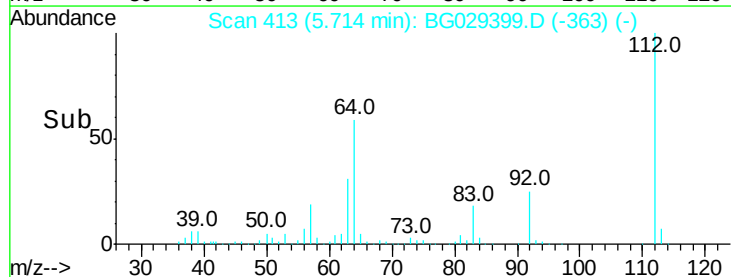
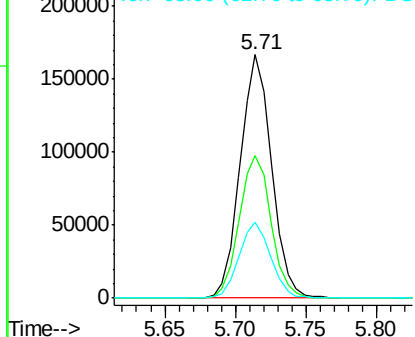
#5

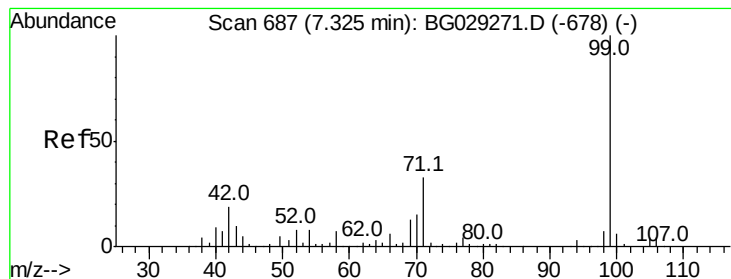
2-Fluorophenol
Concen: 72.828 ng
RT: 5.71 min Scan# 413
Delta R.T. -0.01 min
Lab File: BG029399.D
Acq: 21 Oct 2017 20:01

Tgt Ion:112 Resp: 259548
Ion Ratio Lower Upper
112 100
64 58.8 56.3 84.5
63 30.9 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: 44.181 ng

RT: 7.31 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG029399.D

Acq: 21 Oct 2017 20:01

Instrument :

BNA_G

ClientSampleId :

MW-01

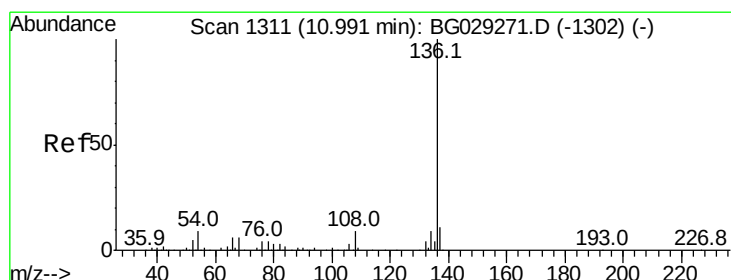
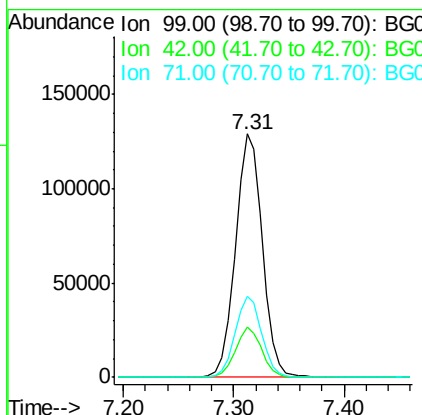
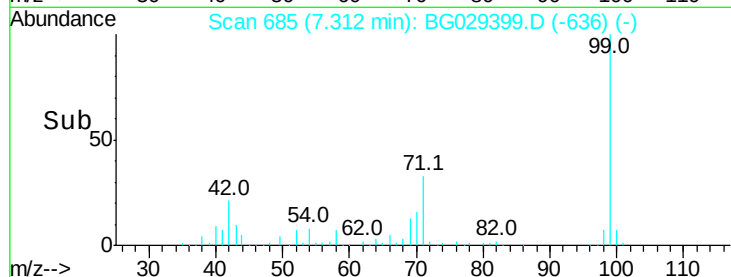
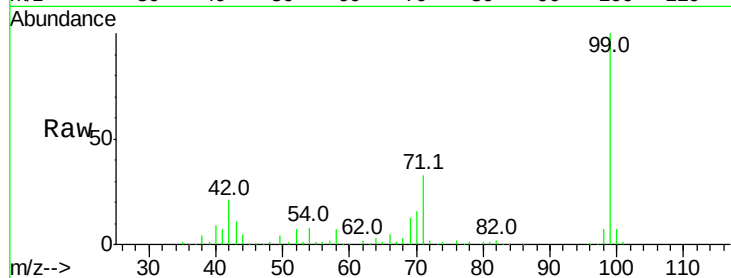
Tot Ion: 99 Resp: 221012

Ion Ratio Lower Upper

99 100

42 20.9 14.1 21.1

71 33.3 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: BG029399.D

Acq: 21 Oct 2017 20:01

Tgt Ion: 136 Resp: 263957

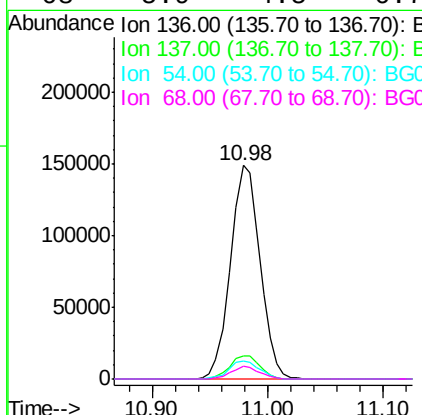
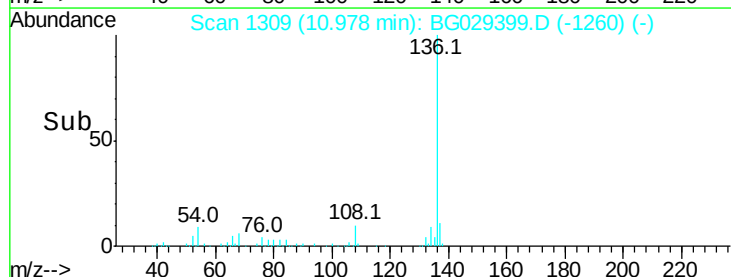
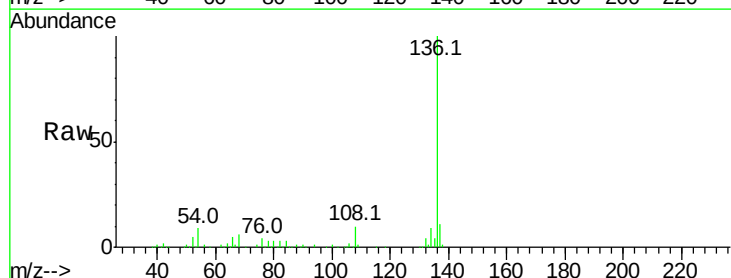
Ion Ratio Lower Upper

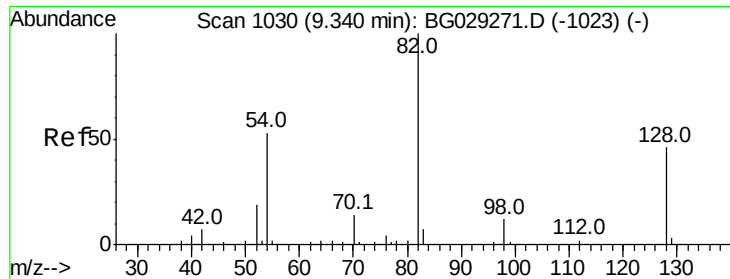
136 100

137 11.0 9.2 13.8

54 8.5 10.3 15.5#

68 5.9 4.5 6.7

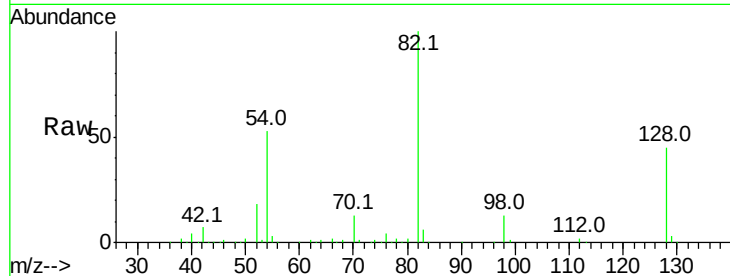




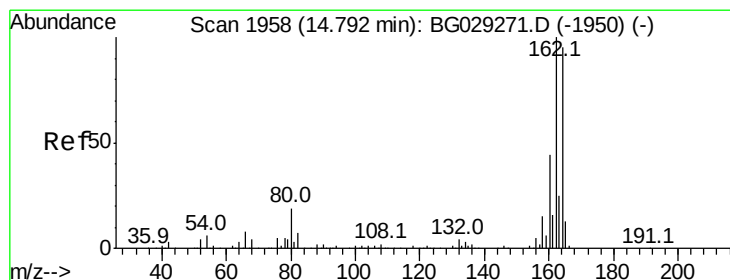
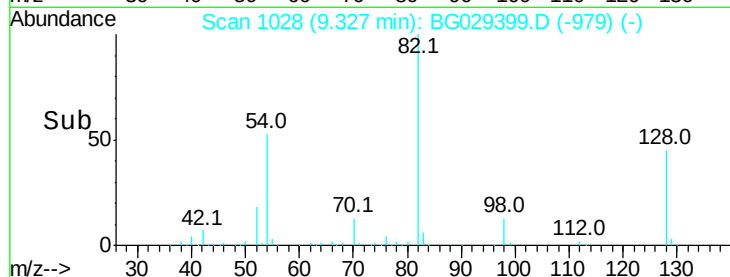
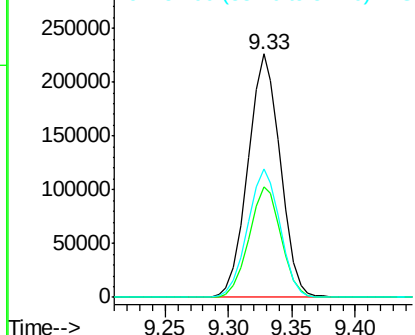
#23
Nitrobenzene-d5
Concen: 96.575 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG029399.D
Acq: 21 Oct 2017 20:01

Instrument :
BNA_G
ClientSampleId :
MW-01

Tot Ion: 82 Resp: 401143
Ion Ratio Lower Upper
82 100
128 45.1 29.7 44.5#
54 52.9 43.1 64.7

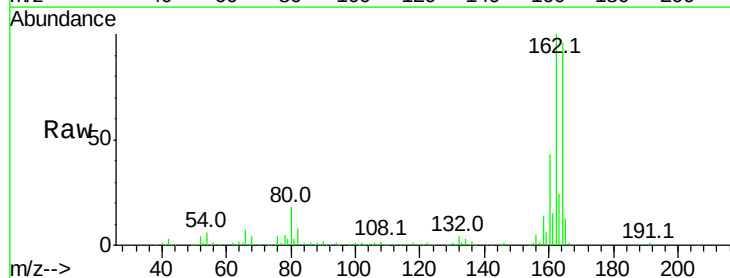


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

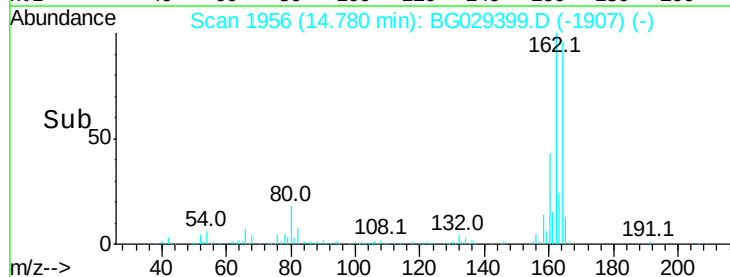
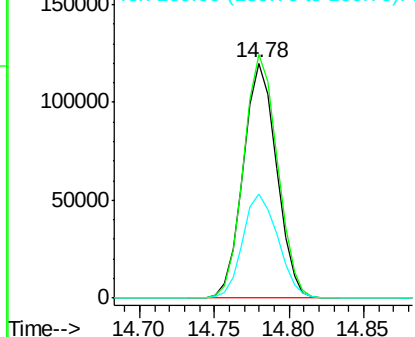


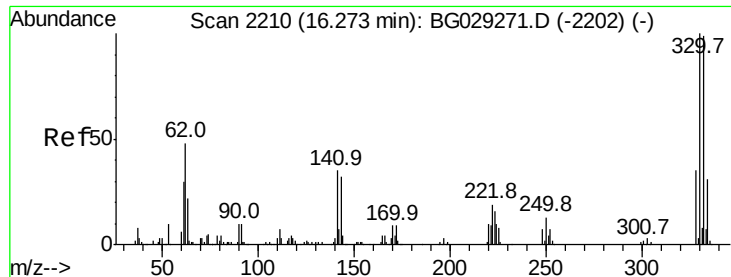
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG029399.D
Acq: 21 Oct 2017 20:01

Tgt Ion:164 Resp: 185857
Ion Ratio Lower Upper
164 100
162 103.7 78.8 118.2
160 44.6 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

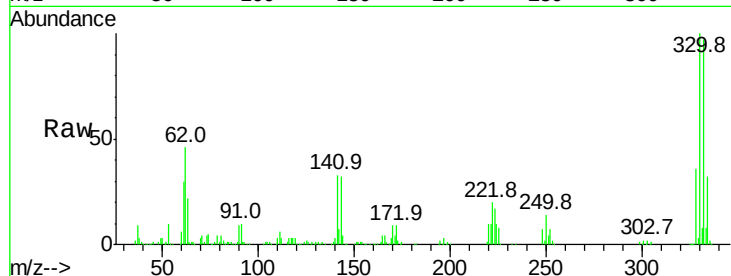




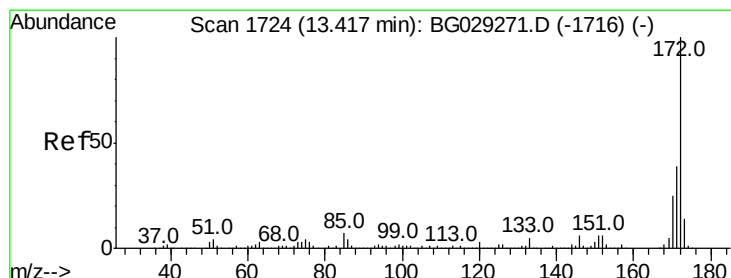
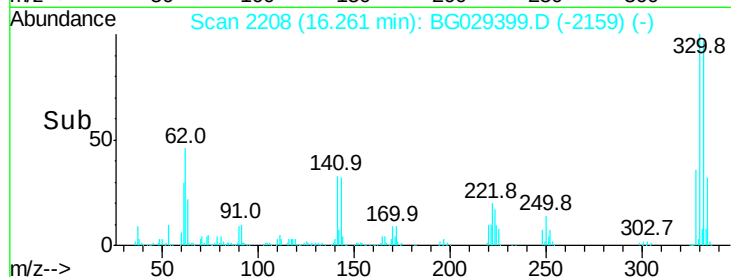
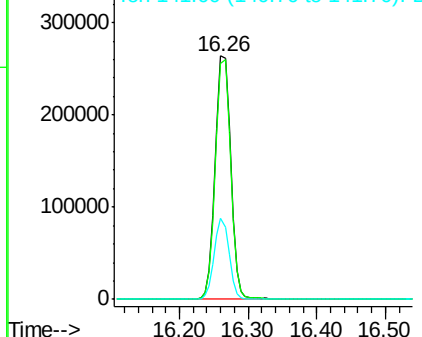
#41
 2,4,6-Tribromophenol
 Concen: 173.059 ng
 RT: 16.26 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BG029399.D
 Acq: 21 Oct 2017 20:01

Instrument :
 BNA_G
 ClientSampleId :
 MW-01

Tot Ion:330 Resp: 415273
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 31.8 25.2 37.8

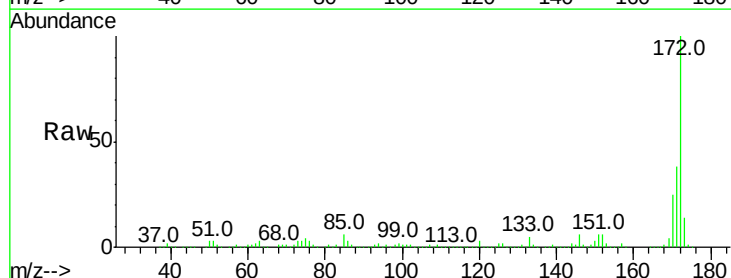


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

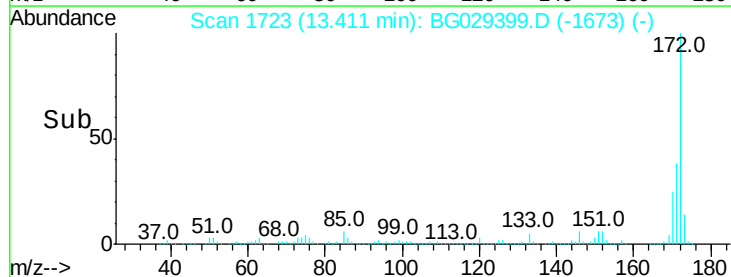
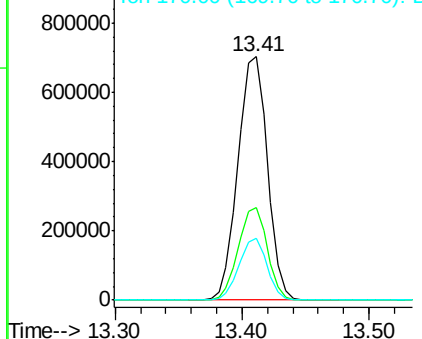


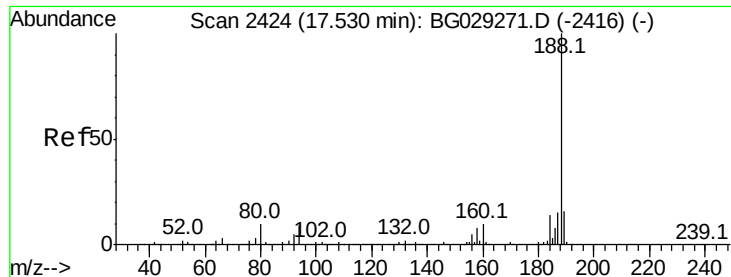
#44
 2-Fluorobiphenyl
 Concen: 89.333 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG029399.D
 Acq: 21 Oct 2017 20:01

Tgt Ion:172 Resp: 1132044
 Ion Ratio Lower Upper
 172 100
 171 38.1 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

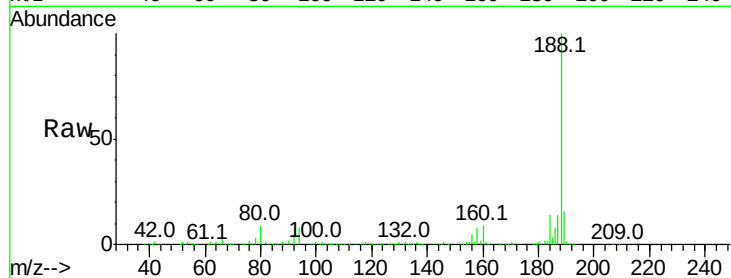




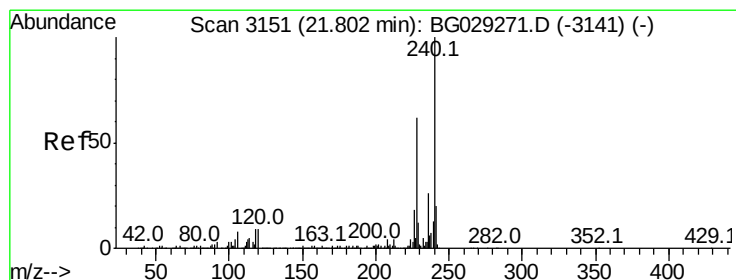
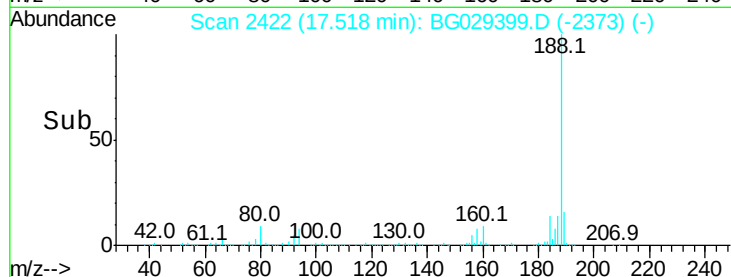
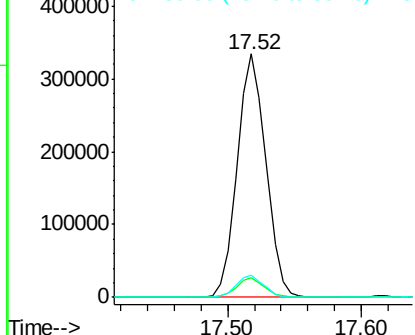
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG029399.D
Acq: 21 Oct 2017 20:01

Instrument :
BNA_G
ClientSampleId :
MW-01

Tot Ion:188 Resp: 495248
Ion Ratio Lower Upper
188 100
94 7.8 6.9 10.3
80 9.1 7.7 11.5

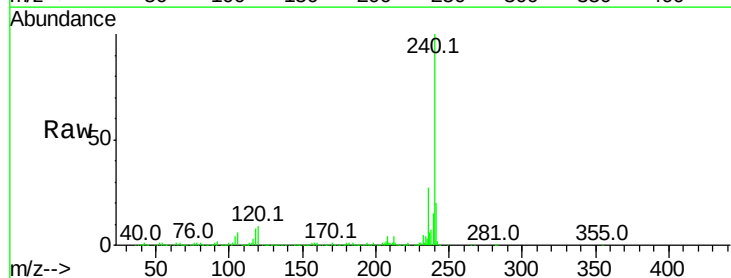


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

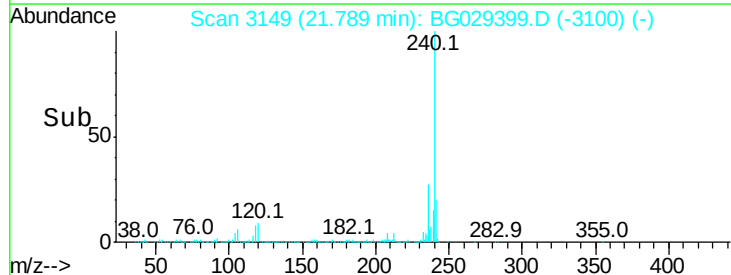
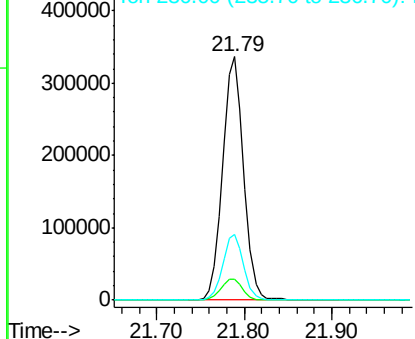


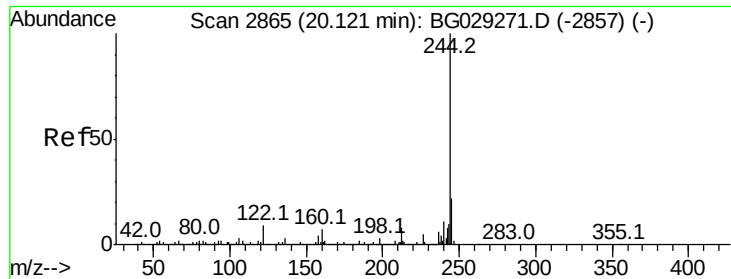
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BG029399.D
Acq: 21 Oct 2017 20:01

Tgt Ion:240 Resp: 557155
Ion Ratio Lower Upper
240 100
120 8.6 6.8 10.2
236 27.0 20.9 31.3



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: 80.065 ng

RT: 20.11 min Scan# 2863

Delta R.T. -0.01 min

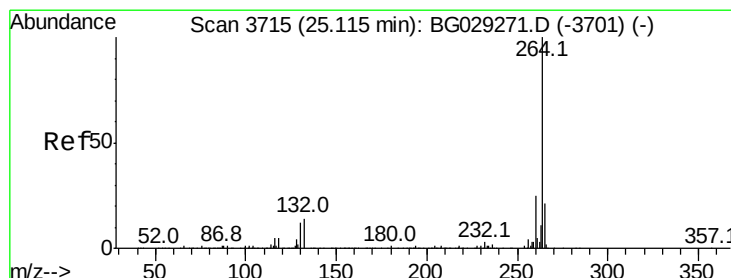
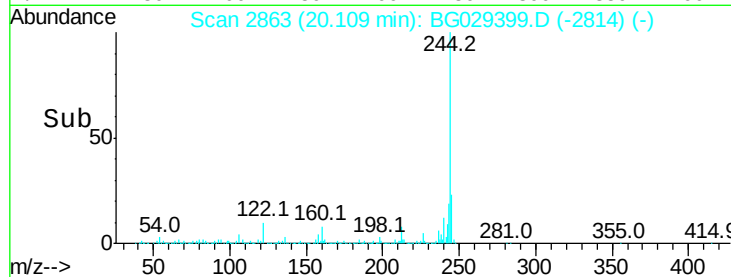
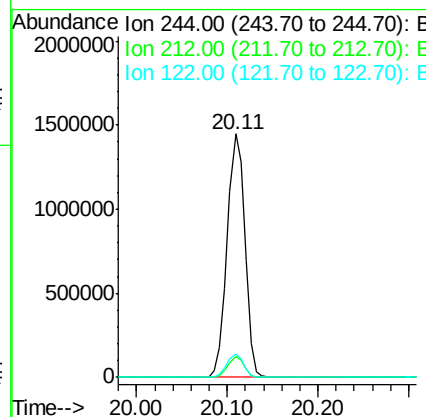
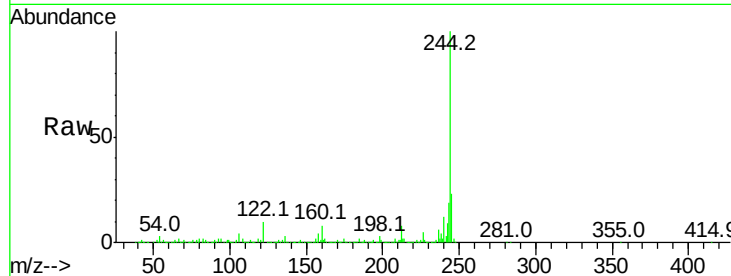
Lab File: BG029399.D

Acq: 21 Oct 2017 20:01

Instrument :
BNA_G
ClientSampleId :
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Tot Ion:244 Resp: 1960889

Ion	Ratio	Lower	Upper
244	100		
212	8.4	5.8	8.8
122	9.6	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: BG029399.D

Acq: 21 Oct 2017 20:01

Tgt Ion:264 Resp: 566382

Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.4	26.0
265	22.2	17.7	26.5

