

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101817\
 Data File : BG029361.D
 Acq On : 19 Oct 2017 11:04
 Operator : SJ/JU
 Sample : PB103396TB
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB103396TB

Quant Time: Oct 19 16:37:46 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	53763	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	233966	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	156401	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	429890	20.00	ng	0.00
75) Chrysene-d12	21.79	240	501166	20.00	ng	0.00
86) Perylene-d12	25.09	264	511603	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	350788	109.00	ng	0.00
7) Phenol-d6	7.32	99	455946	100.93	ng	0.00
23) Nitrobenzene-d5	9.33	82	254310	69.07	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	248269	122.95	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	726098	68.09	ng	0.00
78) Terphenyl-d14	20.11	244	1421235	64.51	ng	0.00

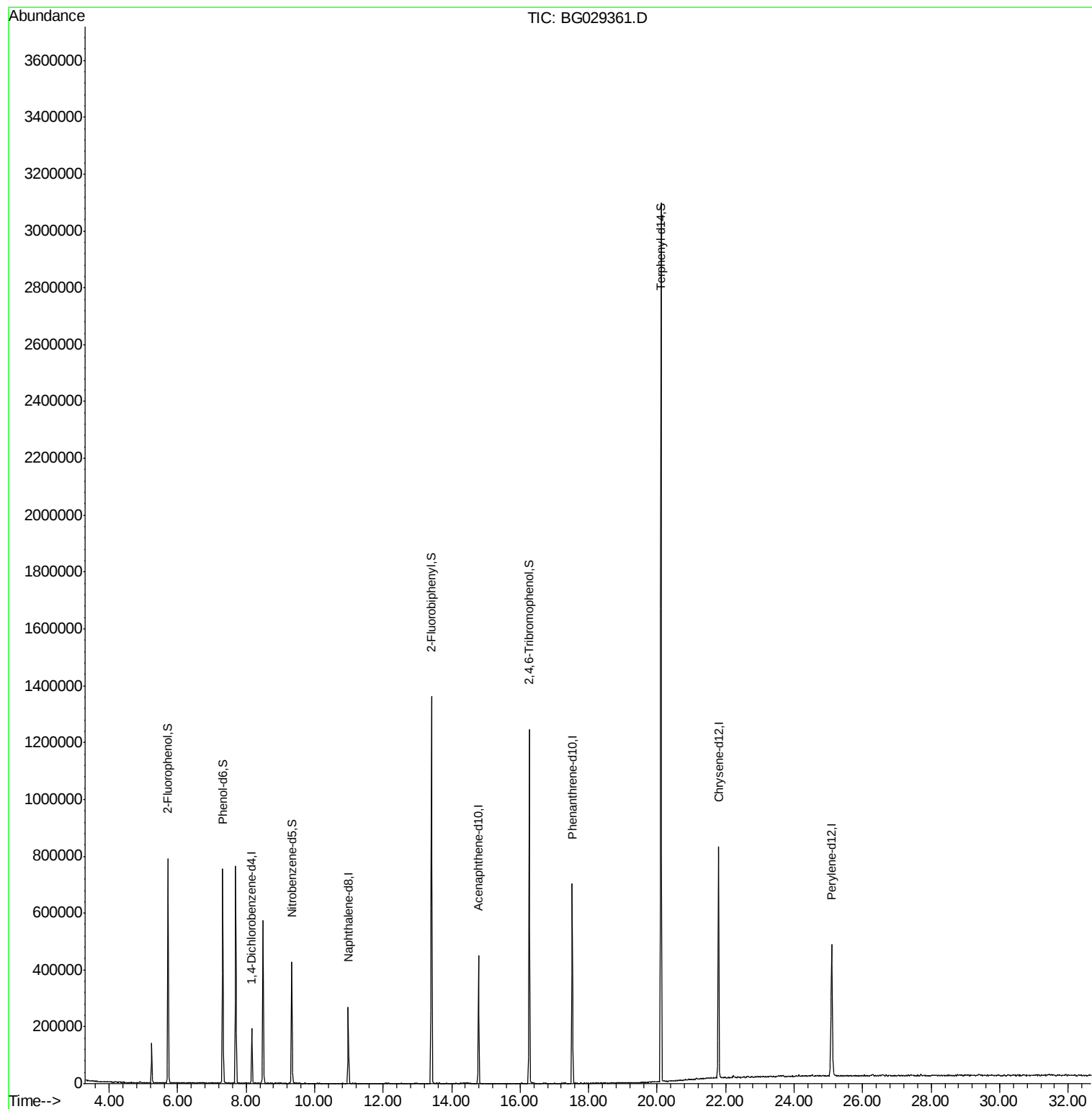
Target Compounds Qvalue

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

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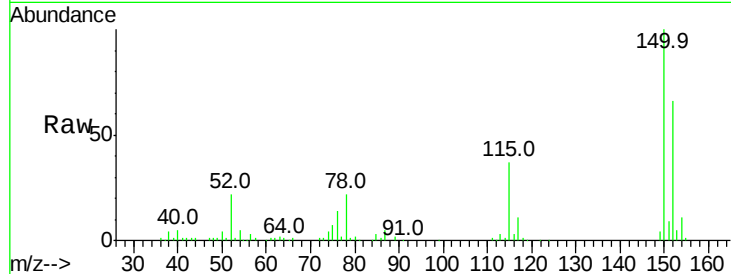


#1

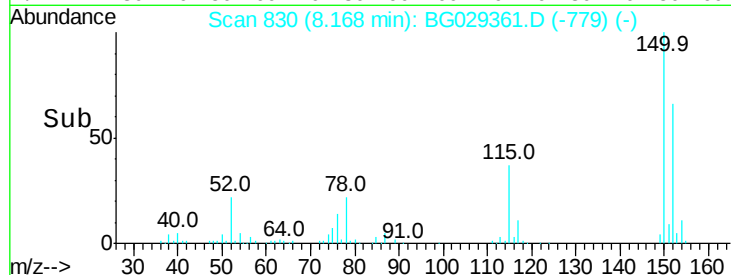
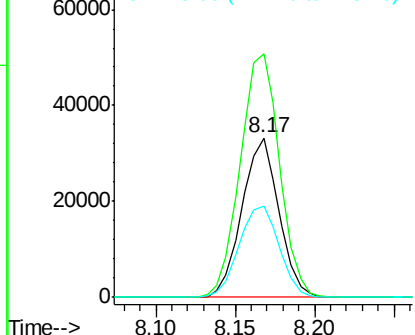
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG029361.D
Acq: 19 Oct 2017 11:04

Instrument :
BNA_G
ClientSampleId :
PB103396TB

Tot Ion:152 Resp: 53763
Ion Ratio Lower Upper
152 100
150 152.5 126.6 189.8
115 57.0 53.0 79.4



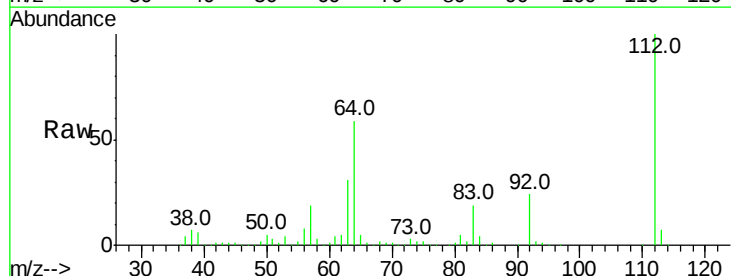
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



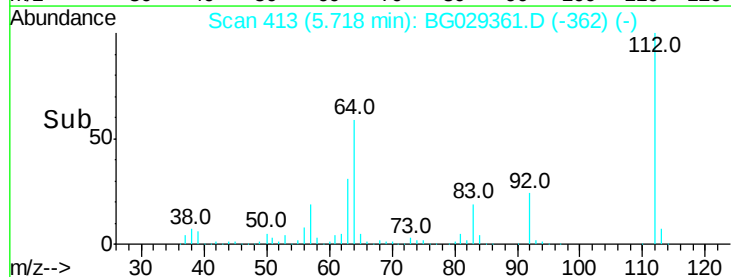
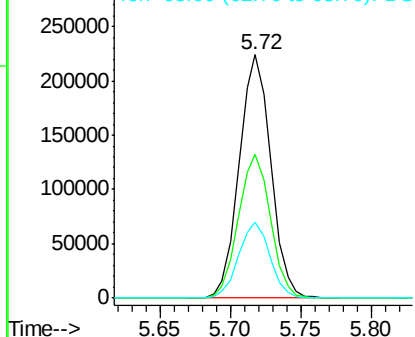
#5

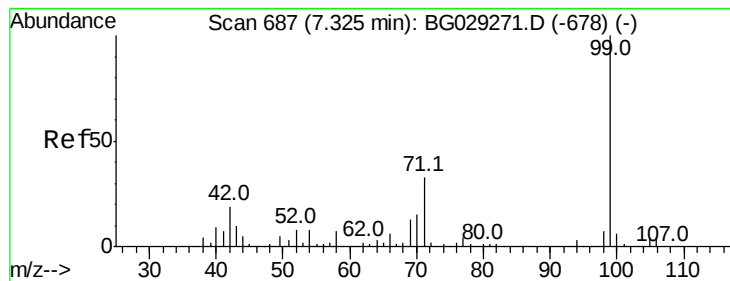
2-Fluorophenol
Concen: 108.999 ng
RT: 5.72 min Scan# 413
Delta R.T. -0.00 min
Lab File: BG029361.D
Acq: 19 Oct 2017 11:04

Tgt Ion:112 Resp: 350788
Ion Ratio Lower Upper
112 100
64 59.3 56.3 84.5
63 31.3 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 100.932 ng

RT: 7.32 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG029361.D

Acq: 19 Oct 2017 11:04

Instrument :

BNA_G

ClientSampleId :

PB103396TB

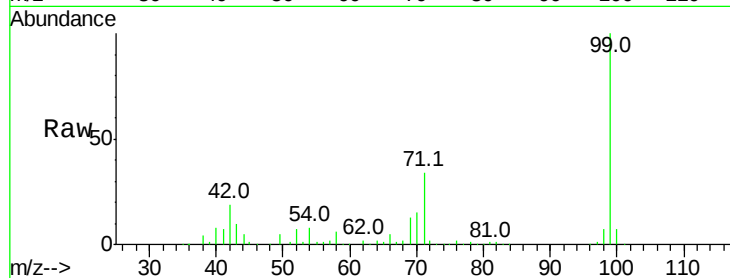
Tot Ion: 99 Resp: 455946

Ion Ratio Lower Upper

99 100

42 19.1 14.1 21.1

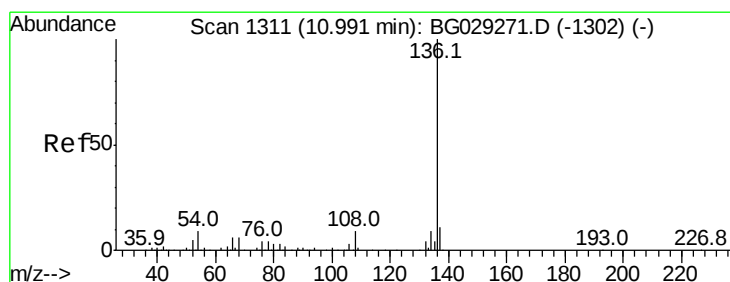
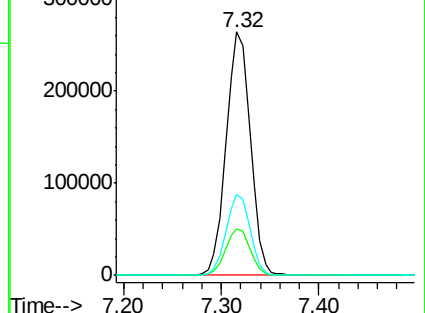
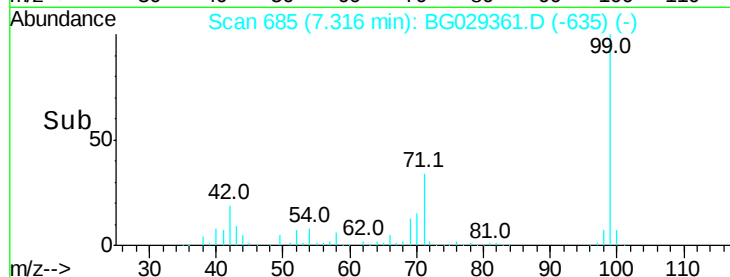
71 33.5 26.1 39.1



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: BG029361.D

Acq: 19 Oct 2017 11:04

Tgt Ion: 136 Resp: 233966

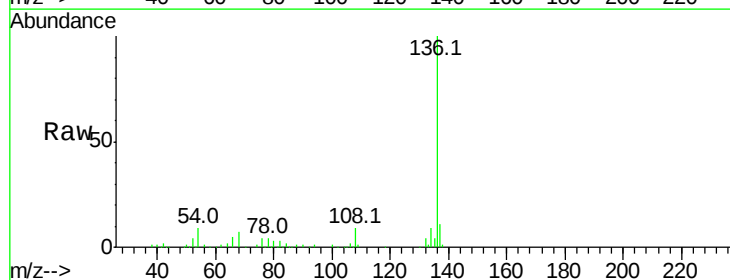
Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 8.8 10.3 15.5#

68 6.6 4.5 6.7

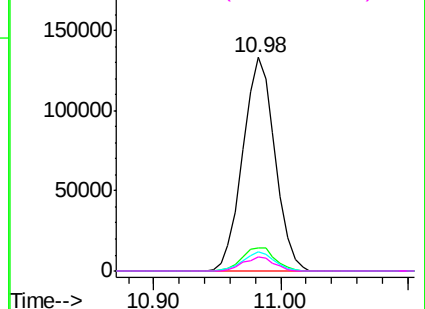
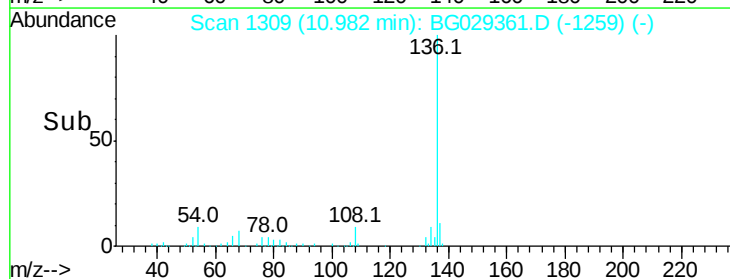


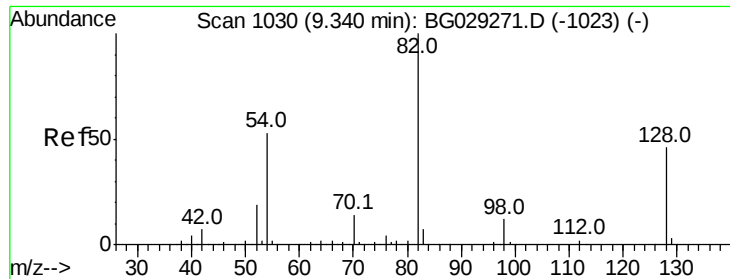
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

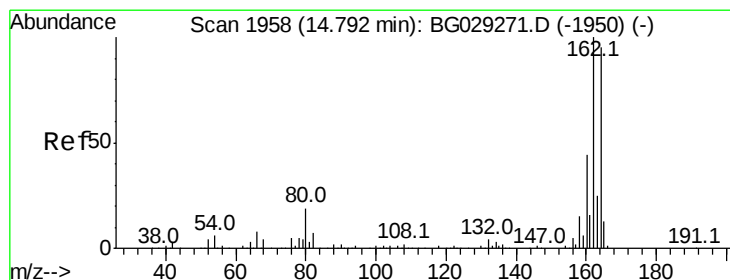
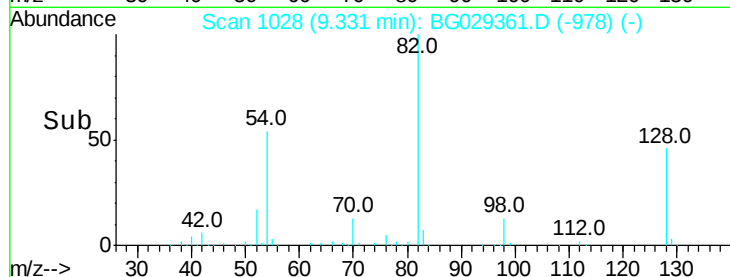
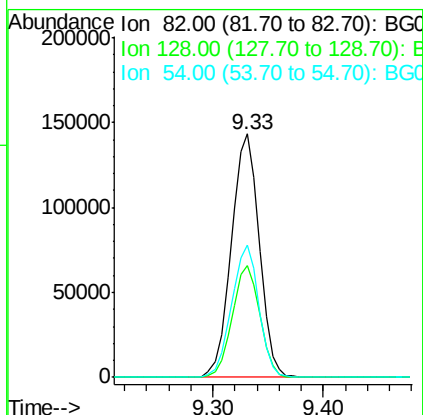
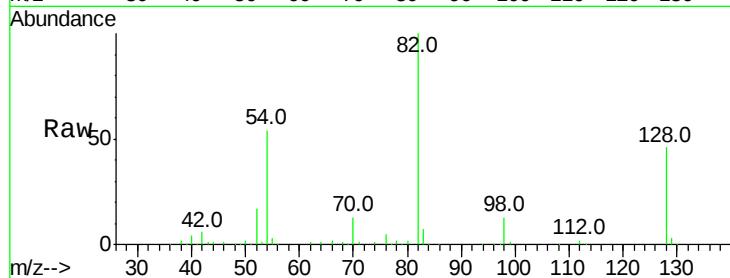




#23
Nitrobenzene-d5
Concen: 69.073 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG029361.D
Acq: 19 Oct 2017 11:04

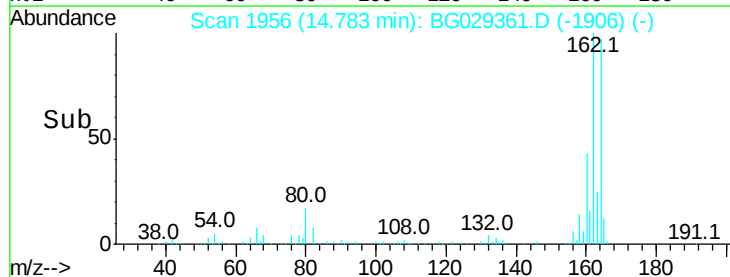
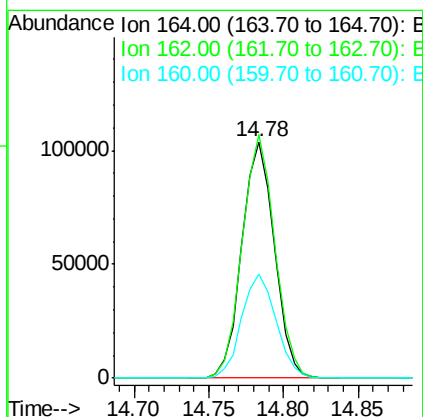
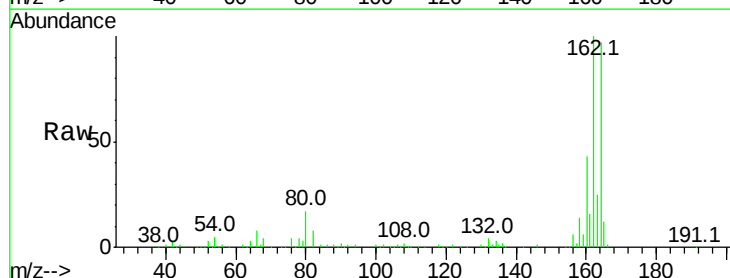
Instrument :
BNA_G
ClientSampleId :
PB103396TB

Tot Ion: 82 Resp: 254310
Ion Ratio Lower Upper
82 100
128 45.7 29.7 44.5#
54 54.1 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: BG029361.D
Acq: 19 Oct 2017 11:04

Tgt Ion:164 Resp: 156401
Ion Ratio Lower Upper
164 100
162 103.1 78.8 118.2
160 44.3 35.4 53.0

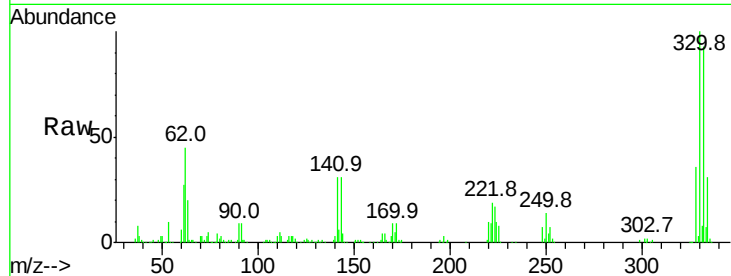




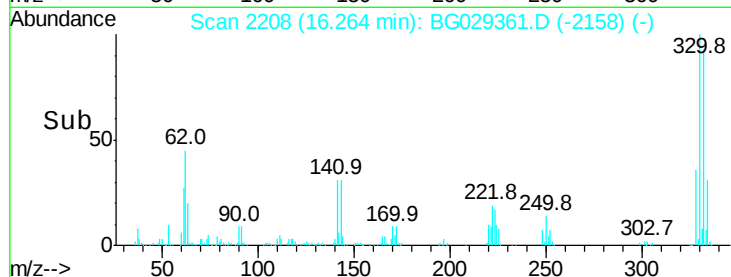
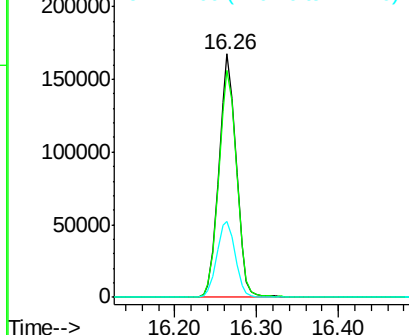
#41
 2,4,6-Tribromophenol
 Concen: 122.948 ng
 RT: 16.26 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BG029361.D
 Acq: 19 Oct 2017 11:04

Instrument :
 BNA_G
 ClientSampleId :
 PB103396TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	33.0	25.2	37.8

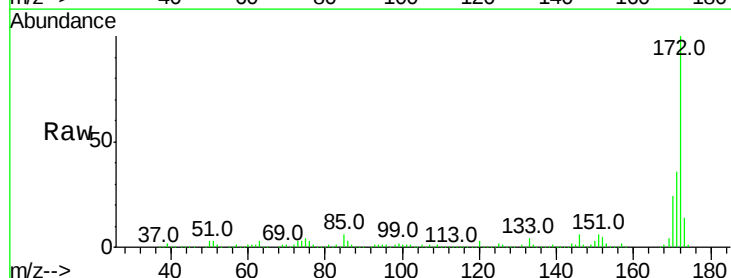


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

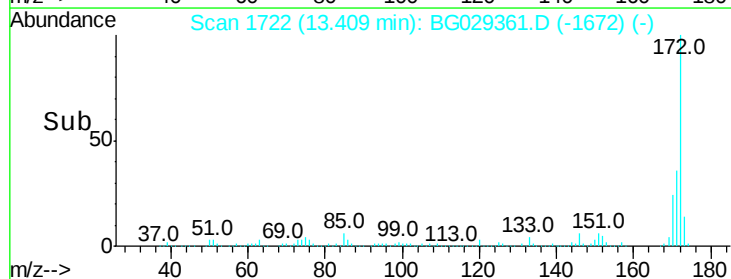
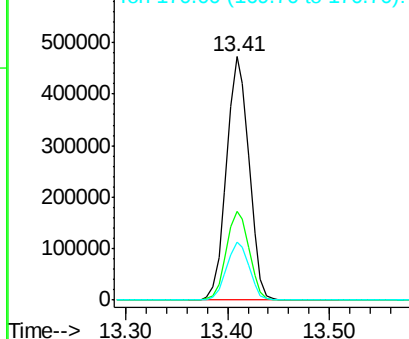


#44
 2-Fluorobiphenyl
 Concen: 68.090 ng
 RT: 13.41 min Scan# 1722
 Delta R.T. -0.01 min
 Lab File: BG029361.D
 Acq: 19 Oct 2017 11:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.0	45.0
170	23.8	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

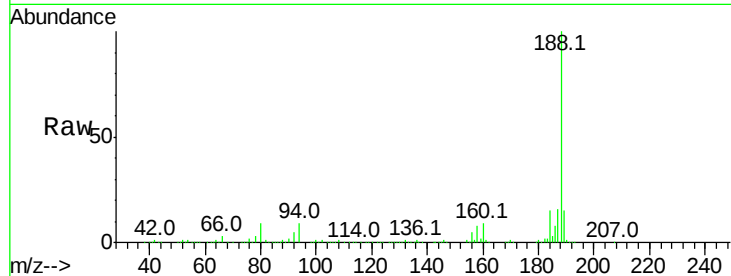




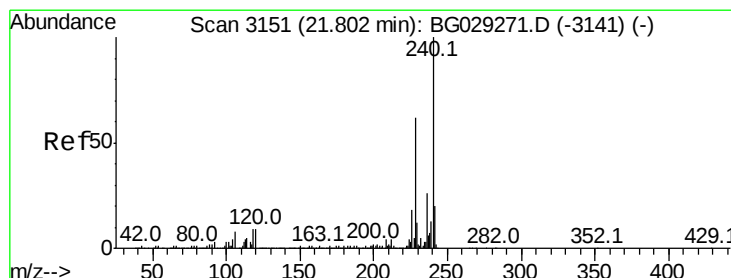
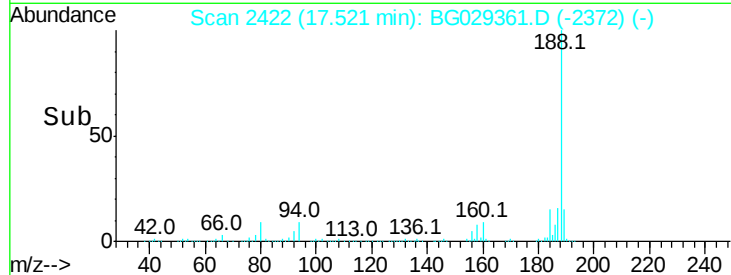
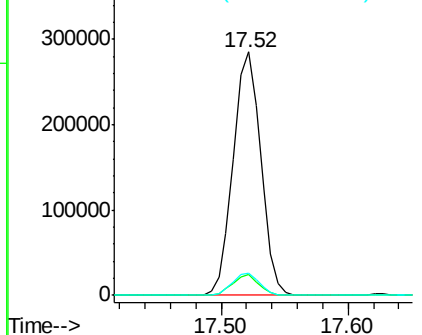
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG029361.D
Acq: 19 Oct 2017 11:04

Instrument :
BNA_G
ClientSampleId :
PB103396TB

Tot Ion:188 Resp: 429890
Ion Ratio Lower Upper
188 100
94 8.8 6.9 10.3
80 9.3 7.7 11.5

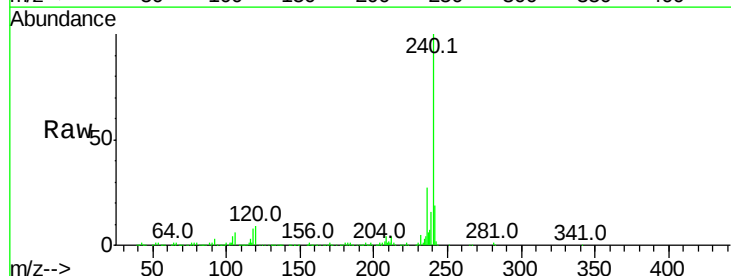


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

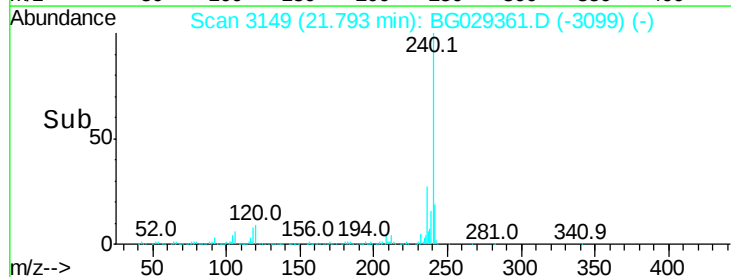
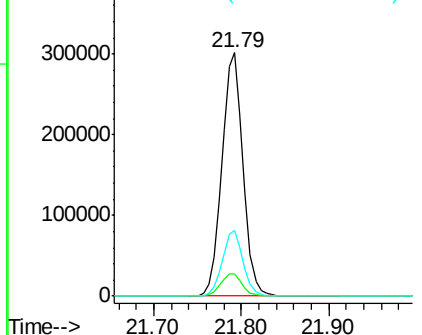


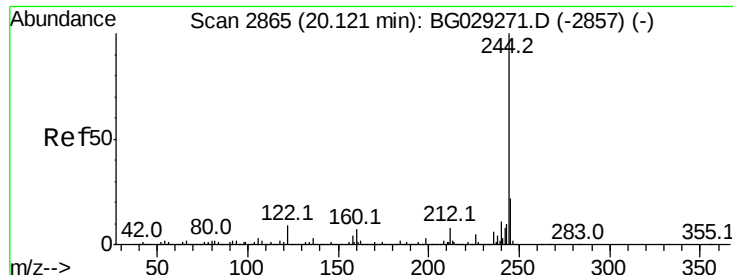
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BG029361.D
Acq: 19 Oct 2017 11:04

Tgt Ion:240 Resp: 501166
Ion Ratio Lower Upper
240 100
120 9.2 6.8 10.2
236 26.9 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

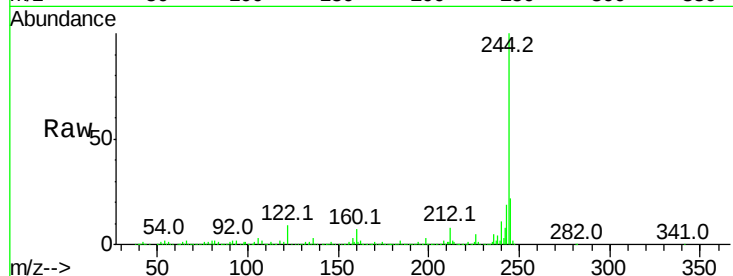




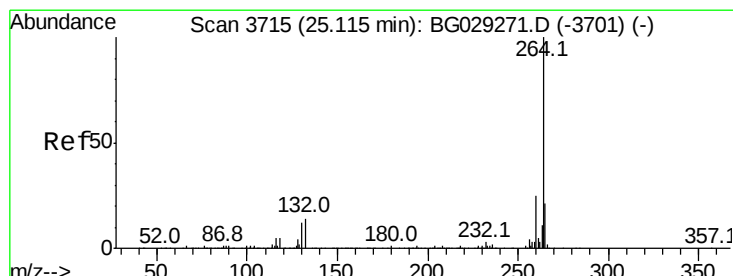
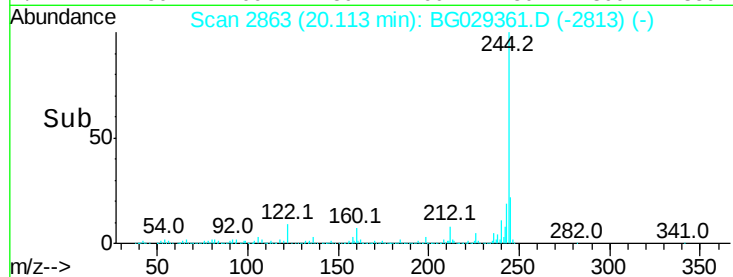
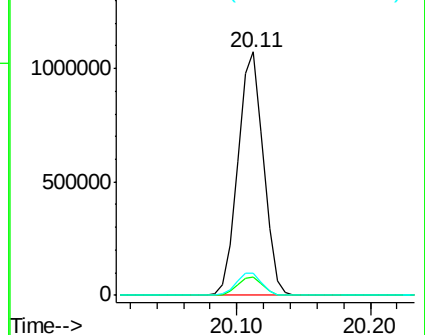
#78
 Terphenyl-d14
 Concen: 64.514 ng
 RT: 20.11 min Scan# 2863
 Delta R.T. -0.01 min
 Lab File: BG029361.D
 Acq: 19 Oct 2017 11:04

Instrument :
 BNA_G
 ClientSampleID :
 PB103396TB

Tot Ion:244 Resp: 1421235
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.8 8.8
 122 8.9 7.0 10.4

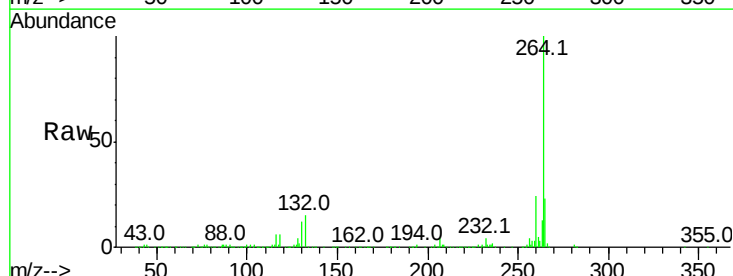


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.09 min Scan# 3711
 Delta R.T. -0.02 min
 Lab File: BG029361.D
 Acq: 19 Oct 2017 11:04

Tgt Ion:264 Resp: 511603
 Ion Ratio Lower Upper
 264 100
 260 24.4 17.4 26.0
 265 22.6 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

