

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060817\
 Data File : BG027328.D
 Acq On : 8 Jun 2017 22:16
 Operator : SJ/MA
 Sample : I3460-15
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 09 05:50:15 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:00:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.56	152	42274	20.00	ng	-0.02
21) Naphthalene-d8	11.37	136	206221	20.00	ng	-0.03
38) Acenaphthene-d10	15.14	164	136828	20.00	ng	-0.02
63) Phenanthrene-d10	17.89	188	334666	20.00	ng	-0.03
75) Chrysene-d12	22.27	240	378263	20.00	ng	-0.04
86) Perylene-d12	25.96	264	349480	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	218703	78.95	ng	-0.01
7) Phenol-d6	7.69	99	205538	50.54	ng	-0.01
23) Nitrobenzene-d5	9.72	82	383309	116.89	ng	-0.03
41) 2,4,6-Tribromophenol	16.62	330	309219	171.62	ng	-0.03
44) 2-Fluorobiphenyl	13.76	172	906312	92.66	ng	-0.03
78) Terphenyl-d14	20.47	244	1544187	104.14	ng	-0.03

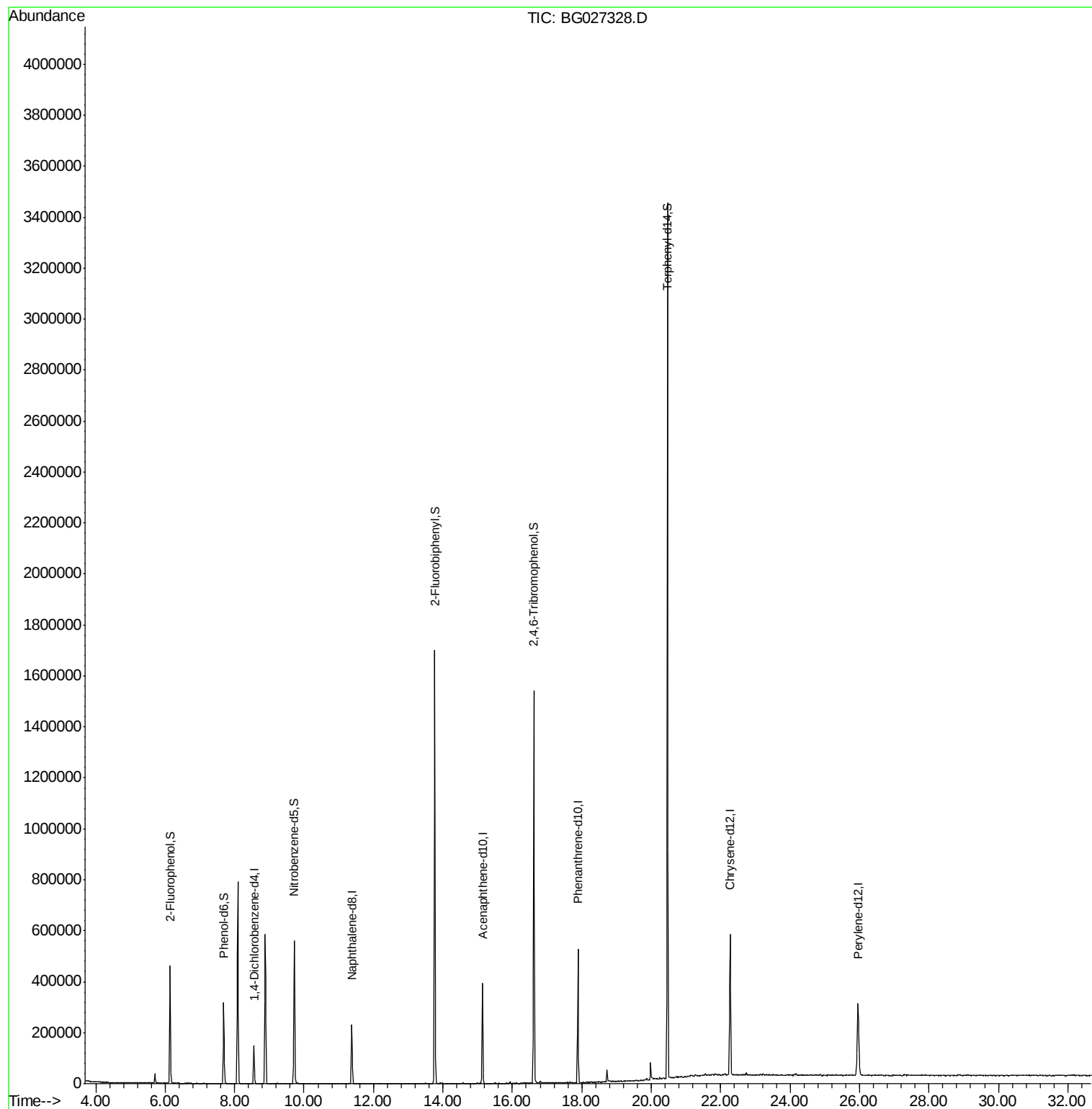
Target Compounds Qvalue

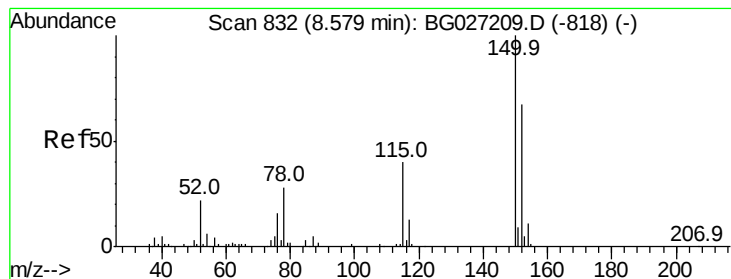
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.56 min Scan# 829

Delta R.T. -0.02 min

Lab File: BG027328.D

Acq: 8 Jun 2017 22:16

Instrument :

BNA_G

ClientSampled :

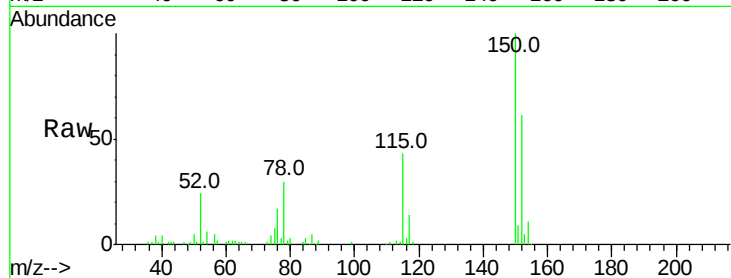
Tot Ion:152 Resp: 42274

Ion Ratio Lower Upper

152 100

150 163.7 114.0 171.0

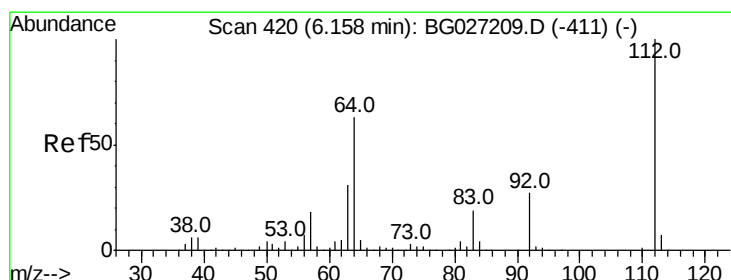
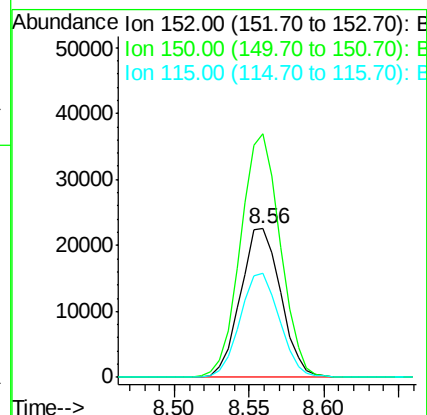
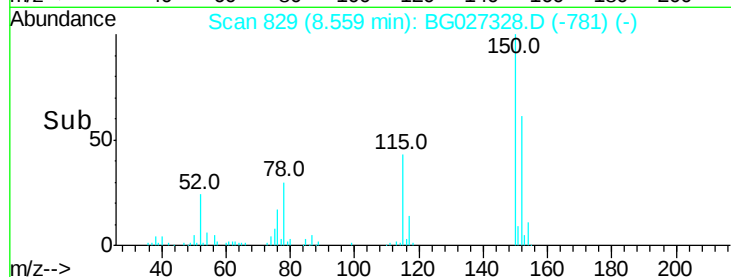
115 70.2 48.1 72.1



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: 78.95 ng

RT: 6.14 min Scan# 418

Delta R.T. -0.01 min

Lab File: BG027328.D

Acq: 8 Jun 2017 22:16

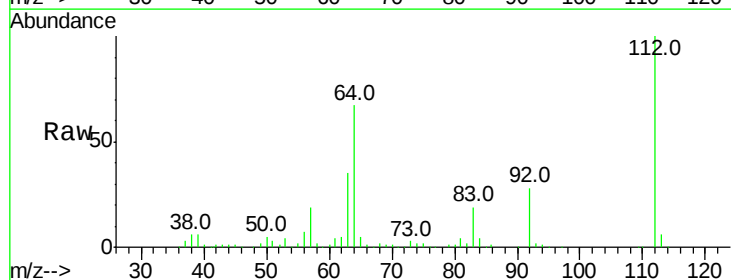
Tgt Ion:112 Resp: 218703

Ion Ratio Lower Upper

112 100

64 66.9 61.8 92.6

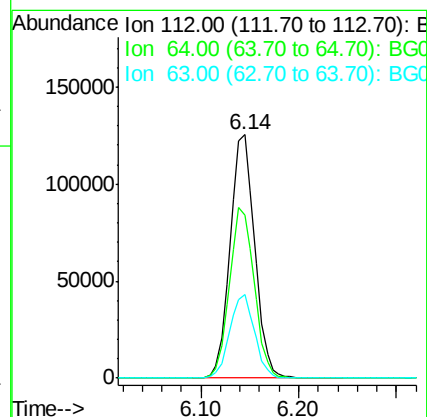
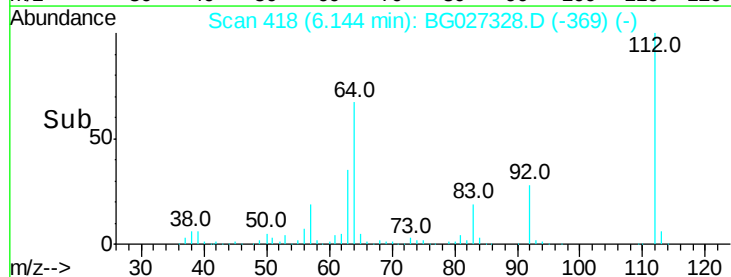
63 34.6 37.2 55.8#

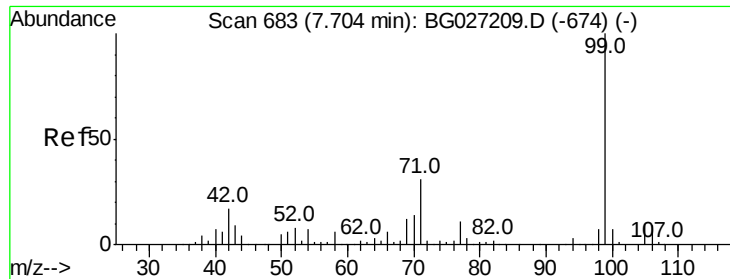


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 50.54 ng

RT: 7.69 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG027328.D

Acq: 8 Jun 2017 22:16

Instrument :

BNA_G

ClientSampled :

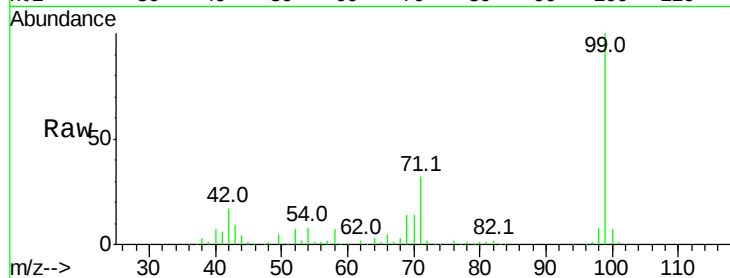
Tot Ion: 99 Resp: 205538

Ion Ratio Lower Upper

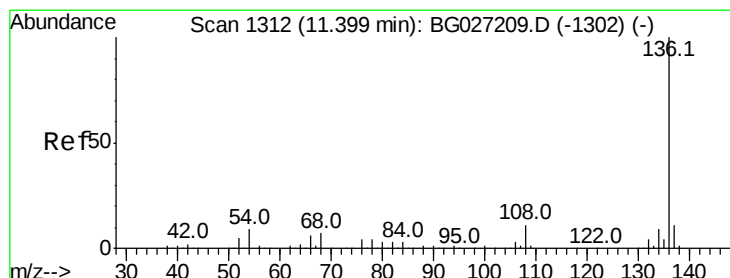
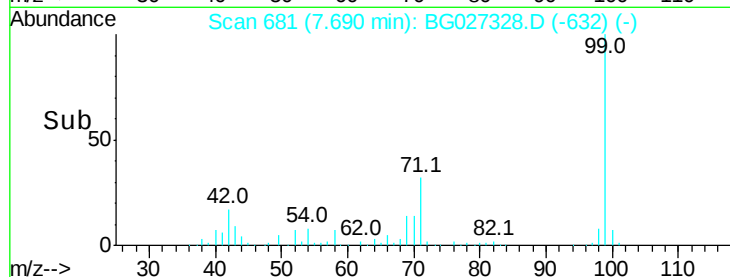
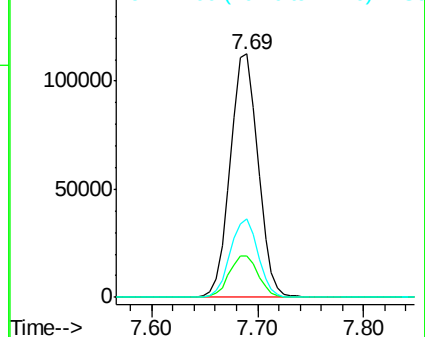
99 100

42 17.1 20.5 30.7#

71 32.1 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: 20.00 ng

RT: 11.37 min Scan# 1308

Delta R.T. -0.03 min

Lab File: BG027328.D

Acq: 8 Jun 2017 22:16

Tgt Ion: 136 Resp: 206221

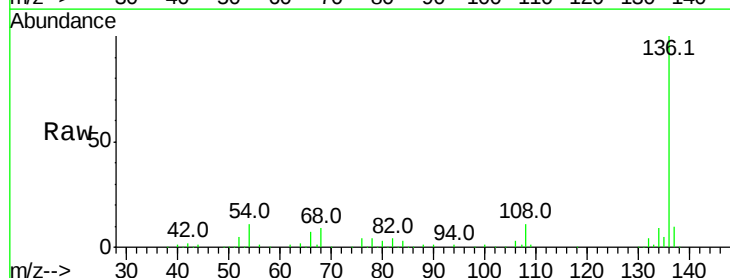
Ion Ratio Lower Upper

136 100

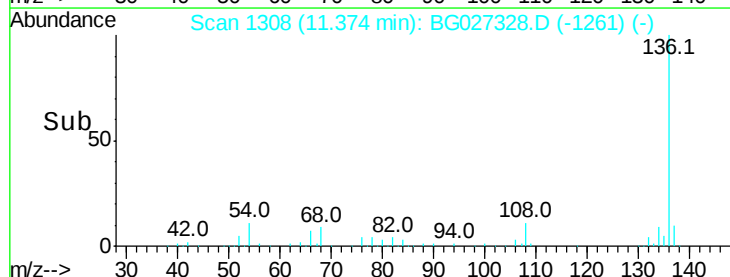
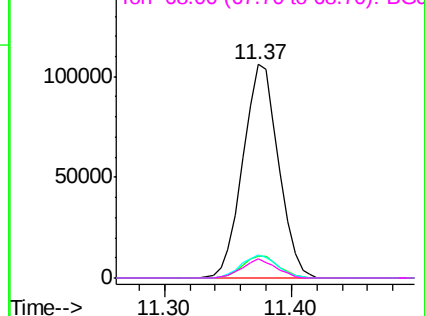
137 10.4 8.9 13.3

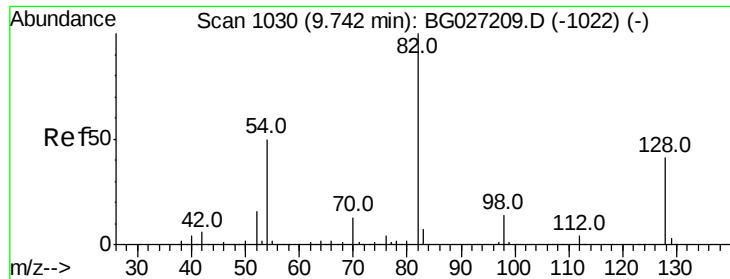
54 10.7 9.3 13.9

68 9.2 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

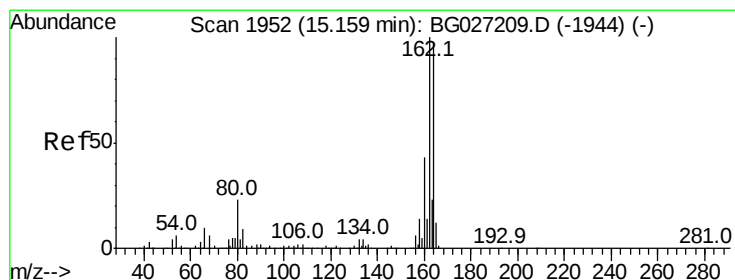
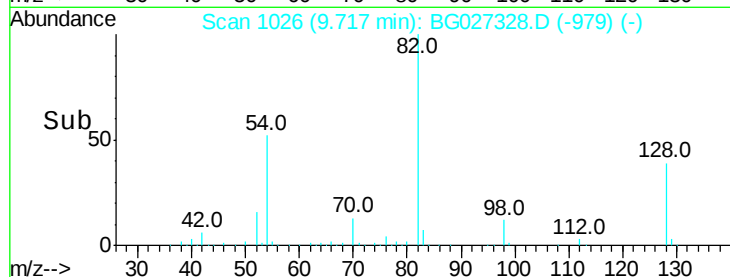
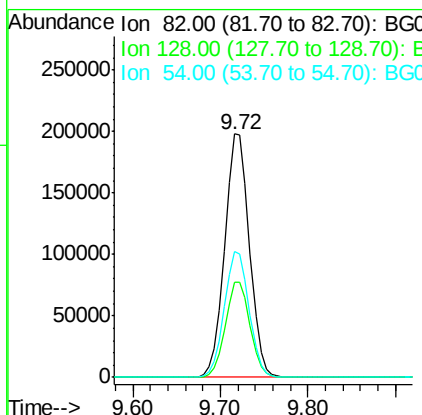
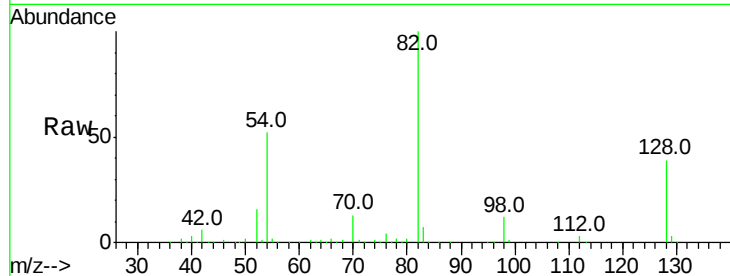




#23
 Nitrobenzene-d5
 Concen: 116.89 ng
 RT: 9.72 min Scan# 1026
 Delta R.T. -0.03 min
 Lab File: BG027328.D
 Acq: 8 Jun 2017 22:16

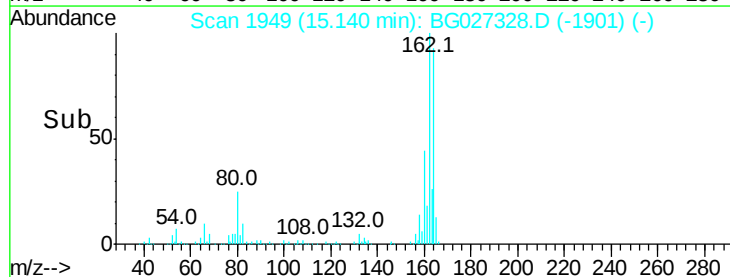
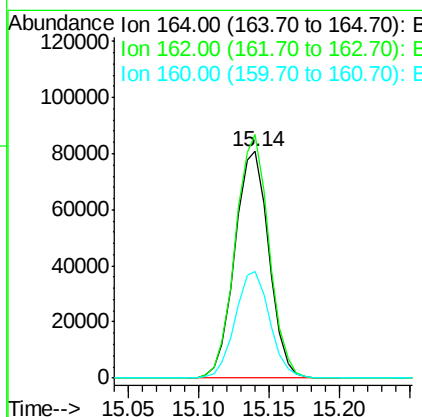
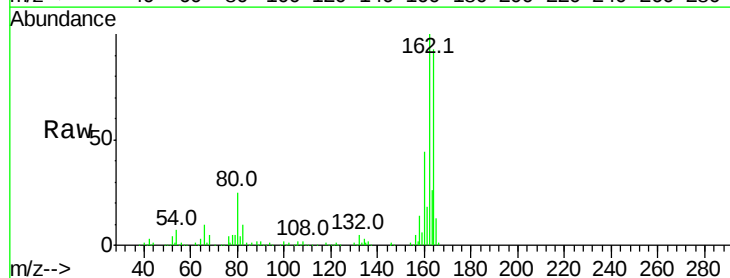
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	383309
Ion	Ratio	Lower	Upper
82	100		
128	39.1	26.4	39.6
54	51.8	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.14 min Scan# 1949
 Delta R.T. -0.02 min
 Lab File: BG027328.D
 Acq: 8 Jun 2017 22:16

Tgt Ion	164	Resp	136828
Ion	Ratio	Lower	Upper
164	100		
162	107.5	85.1	127.7
160	47.4	34.7	52.1

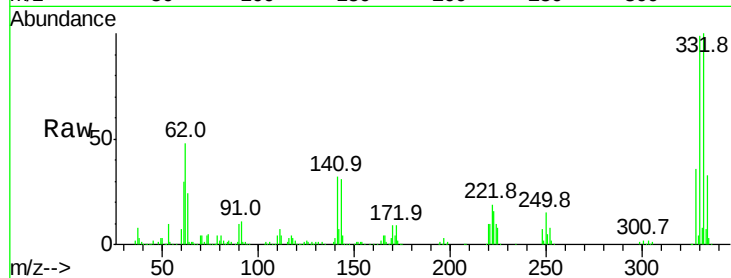




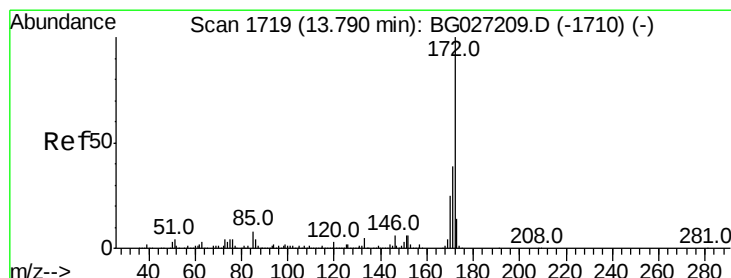
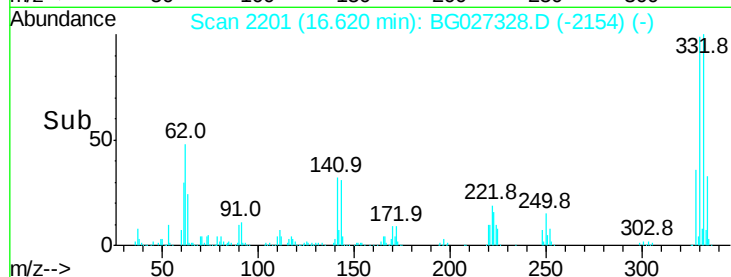
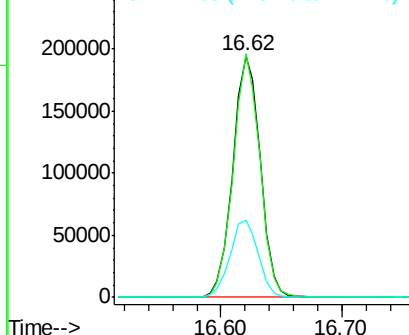
#41
 2,4,6-Tribromophenol
 Concen: 171.62 ng
 RT: 16.62 min Scan# 2201
 Delta R.T. -0.03 min
 Lab File: BG027328.D
 Acq: 8 Jun 2017 22:16

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.3	115.9
141	33.2	32.1	48.1

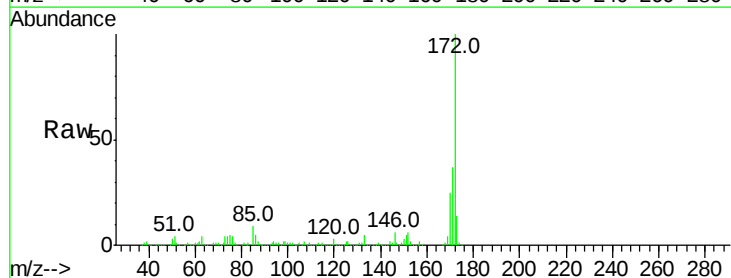


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

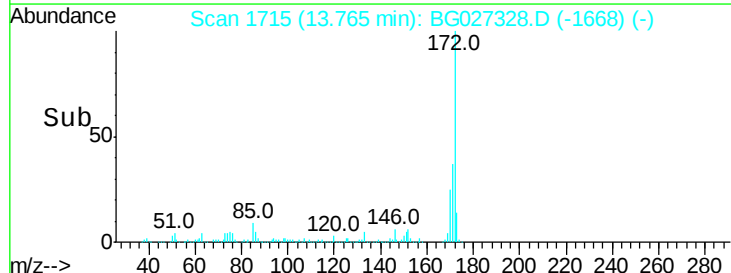
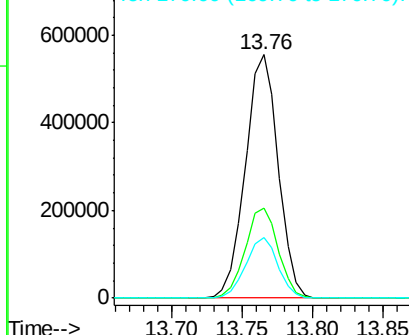


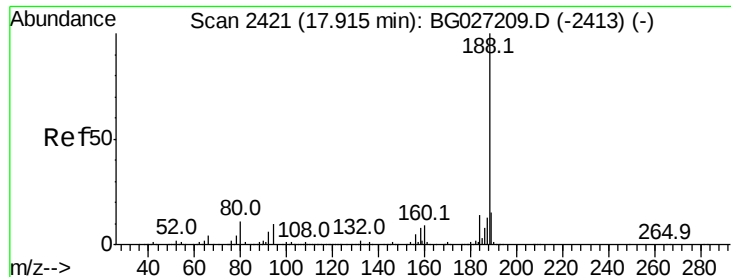
#44
 2-Fluorobiphenyl
 Concen: 92.66 ng
 RT: 13.76 min Scan# 1715
 Delta R.T. -0.03 min
 Lab File: BG027328.D
 Acq: 8 Jun 2017 22:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	32.2	48.2
170	25.0	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

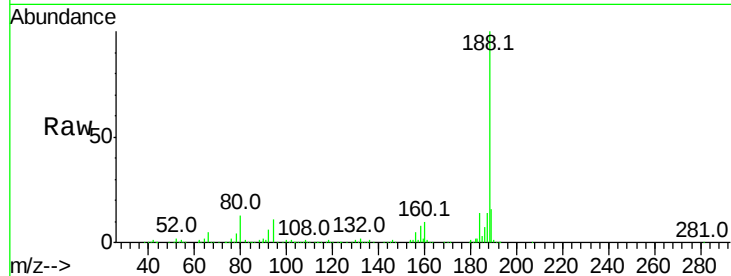




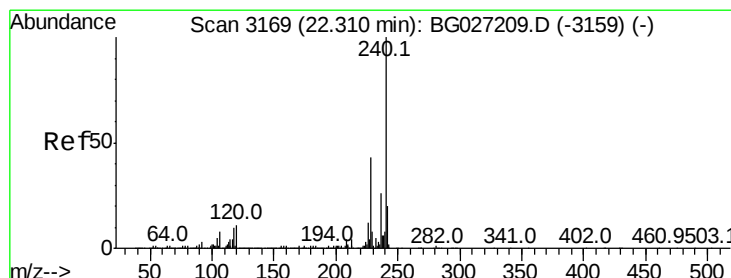
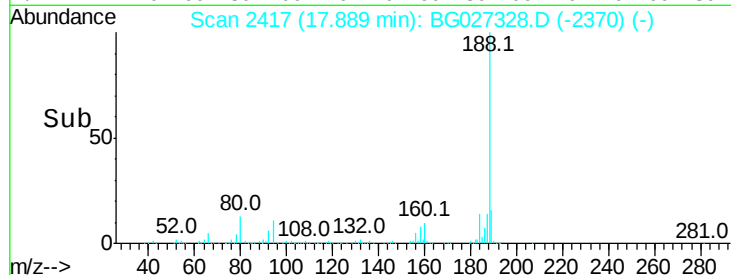
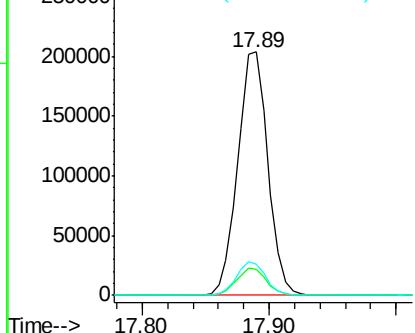
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.89 min Scan# 2417
Delta R.T. -0.03 min
Lab File: BG027328.D
Acq: 8 Jun 2017 22:16

Instrument :
BNA_G
ClientSampled :

Tot Ion:188 Resp: 334666
Ion Ratio Lower Upper
188 100
94 10.9 5.8 8.8#
80 12.5 7.5 11.3#

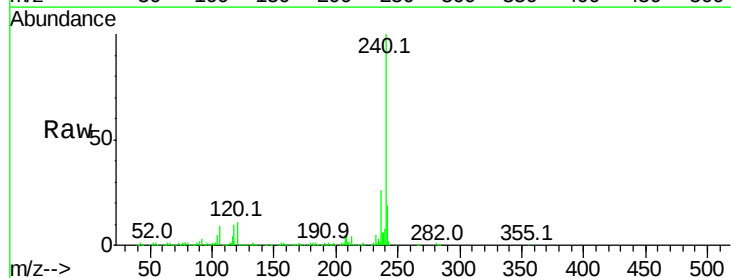


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

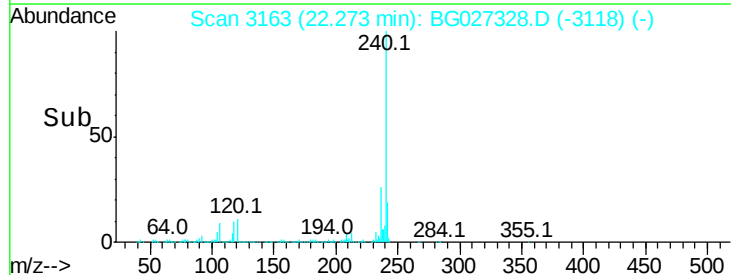
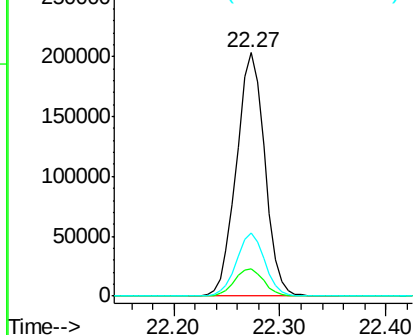


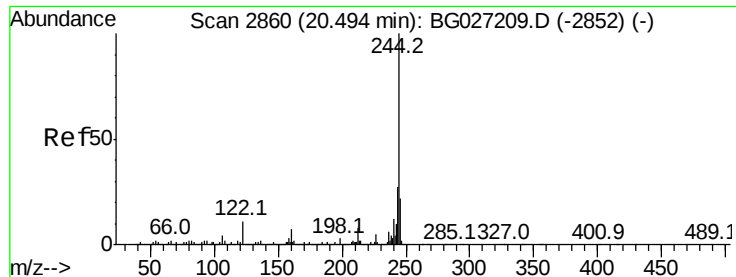
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.27 min Scan# 3163
Delta R.T. -0.04 min
Lab File: BG027328.D
Acq: 8 Jun 2017 22:16

Tgt Ion:240 Resp: 378263
Ion Ratio Lower Upper
240 100
120 11.4 5.7 8.5#
236 25.8 22.2 33.4



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: 104.14 ng

RT: 20.47 min Scan# 2856

Delta R.T. -0.03 min

Lab File: BG027328.D

Acq: 8 Jun 2017 22:16

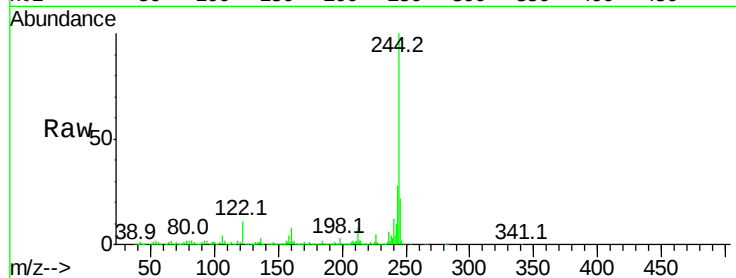
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1544187

Ion	Ratio	Lower	Upper
244	100		
212	8.1	10.0	15.0#
122	11.5	8.6	12.8

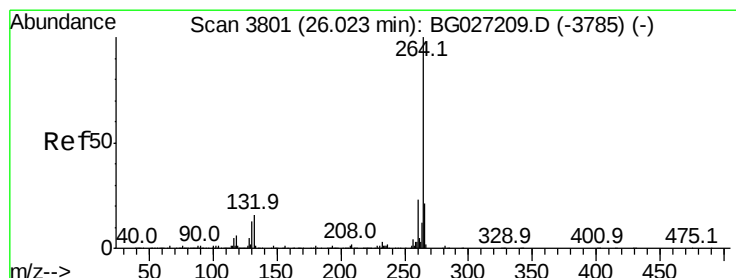
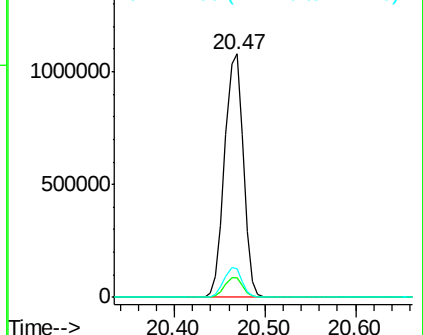
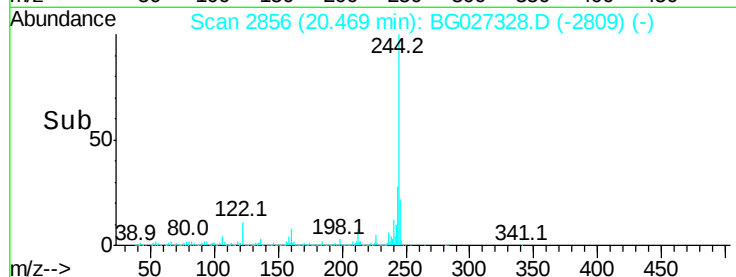


Abundance

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: 20.00 ng

RT: 25.96 min Scan# 3790

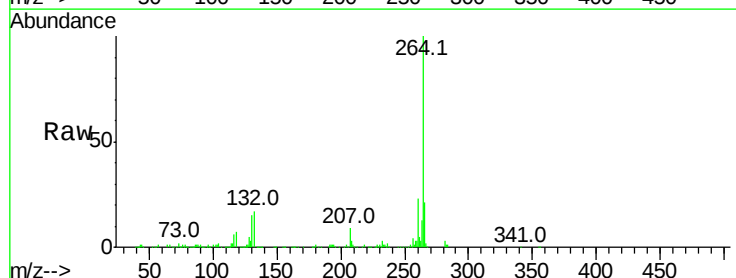
Delta R.T. -0.07 min

Lab File: BG027328.D

Acq: 8 Jun 2017 22:16

Tgt Ion:264 Resp: 349480

Ion	Ratio	Lower	Upper
264	100		
260	23.2	21.8	32.8
265	20.9	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

