

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060917\
 Data File : BG027363.D
 Acq On : 10 Jun 2017 1:22
 Operator : SJ/MA
 Sample : I3575-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-060817-A

Quant Time: Jun 10 06:55:10 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	8.55	152	39856	20.00	ng	-0.02
21) Naphthalene-d8	11.37	136	206815	20.00	ng	-0.02
38) Acenaphthene-d10	15.13	164	138185	20.00	ng	-0.02
63) Phenanthrene-d10	17.88	188	402805	20.00	ng	-0.03
75) Chrysene-d12	22.27	240	355894	20.00	ng	-0.04
86) Perylene-d12	25.95	264	203576	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	442539	169.43	ng	-0.01
7) Phenol-d6	7.69	99	580779	151.48	ng	-0.01
23) Nitrobenzene-d5	9.72	82	417682	127.01	ng	-0.02
41) 2,4,6-Tribromophenol	16.62	330	398399	218.94	ng	-0.02
44) 2-Fluorobiphenyl	13.76	172	997675	101.00	ng	-0.03
78) Terphenyl-d14	20.46	244	1788985	128.23	ng	-0.03

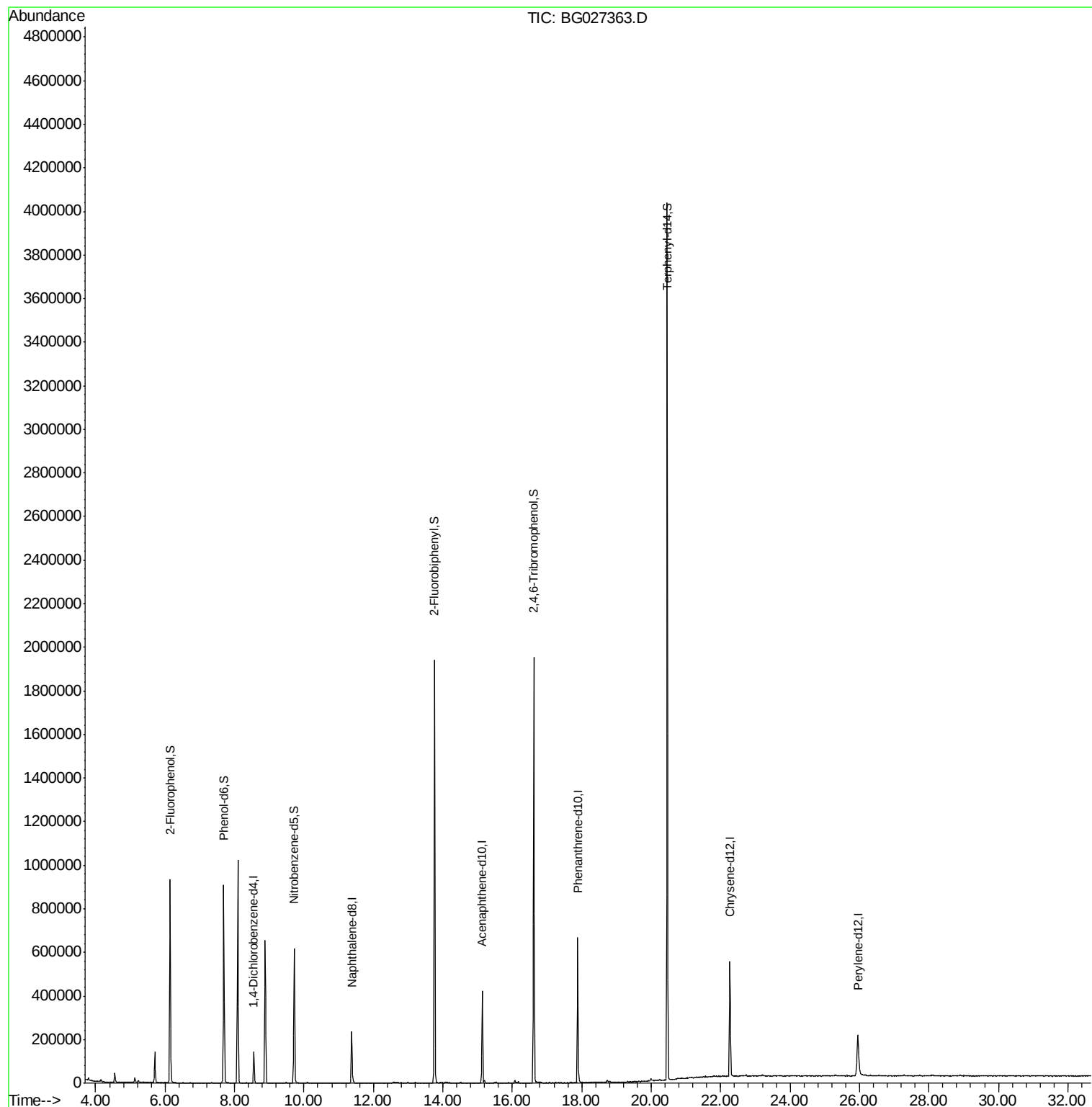
Target Compounds	Qvalue
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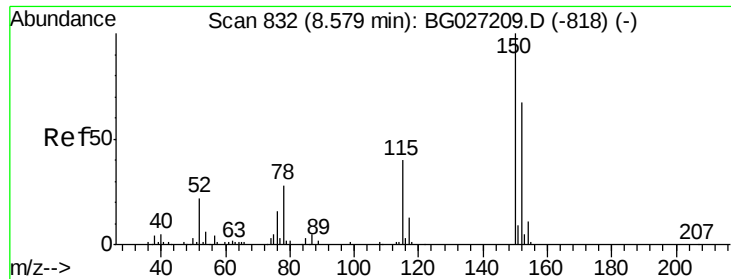
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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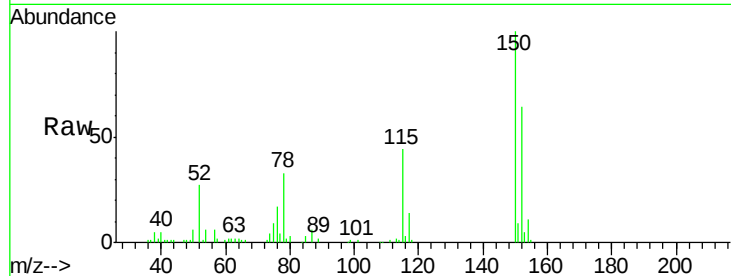


#1

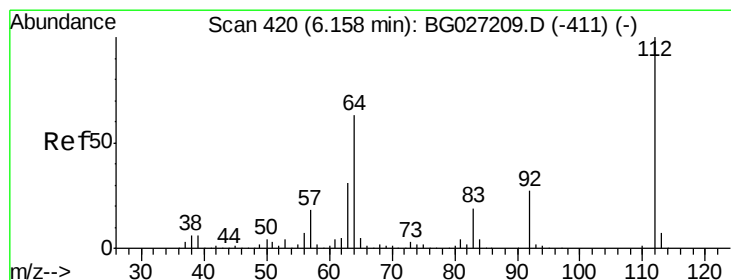
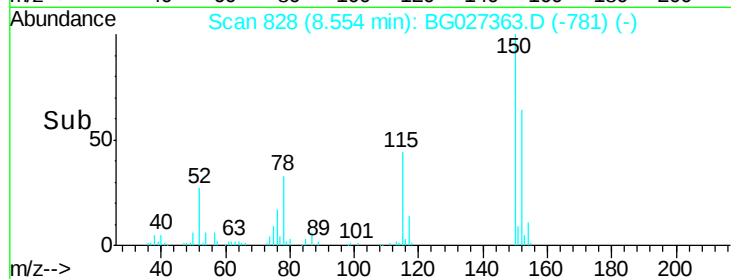
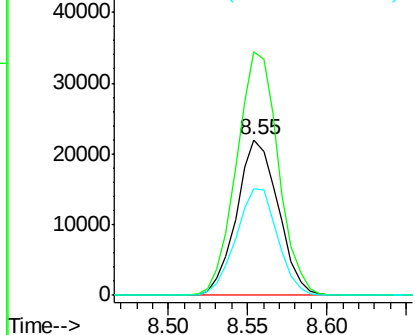
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.55 min Scan# 828
Delta R.T. -0.02 min
Lab File: BG027363.D
Acq: 10 Jun 2017 1:22

Instrument :
BNA_G
ClientSampleId :
HR-06-060817-A

Tgt Ion:152 Resp: 39856
Ion Ratio Lower Upper
152 100
150 156.6 114.0 171.0
115 68.5 48.1 72.1



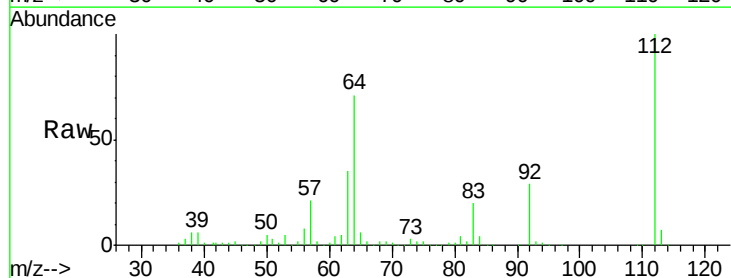
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



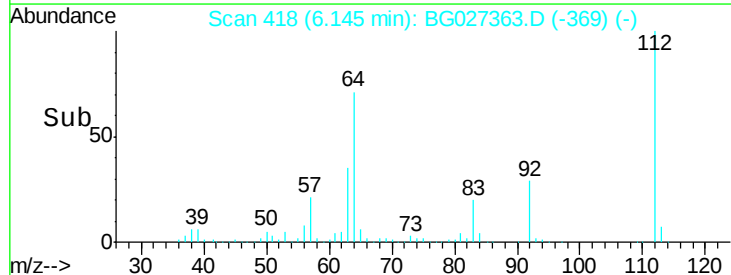
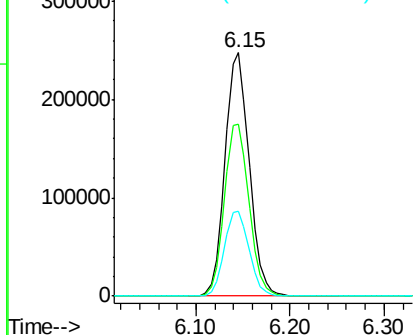
#5

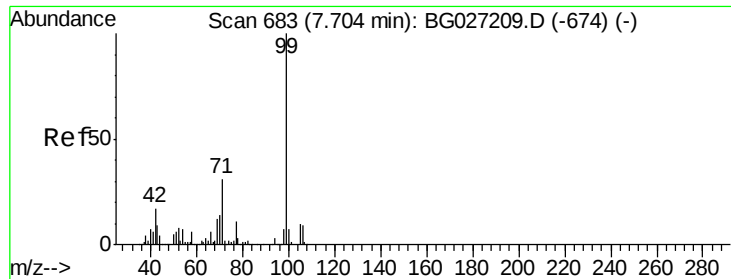
2-Fluorophenol
Concen: 169.435 ng
RT: 6.15 min Scan# 418
Delta R.T. -0.01 min
Lab File: BG027363.D
Acq: 10 Jun 2017 1:22

Tgt Ion:112 Resp: 442539
Ion Ratio Lower Upper
112 100
64 70.8 61.8 92.6
63 34.9 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: 151.484 ng

RT: 7.69 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG027363.D

Acq: 10 Jun 2017 1:22

Instrument :

BNA_G

ClientSampleId :

HR-06-060817-A

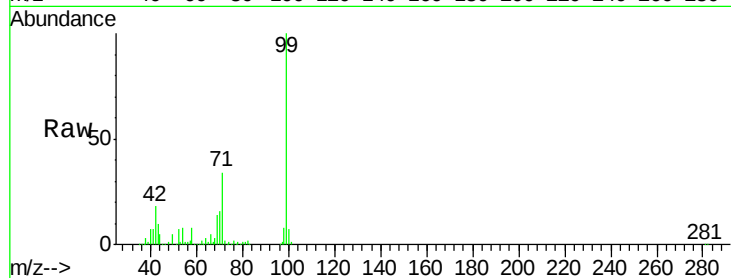
Tgt Ion: 99 Resp: 580779

Ion Ratio Lower Upper

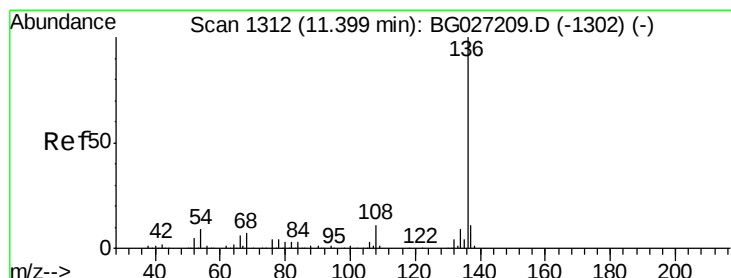
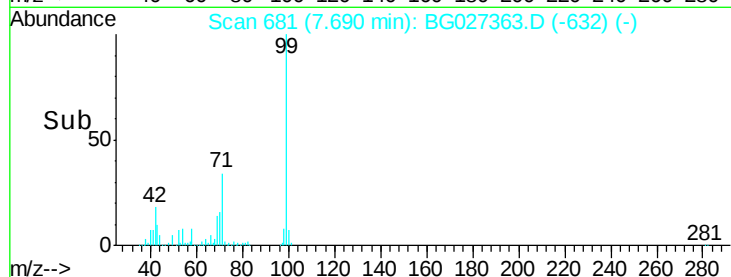
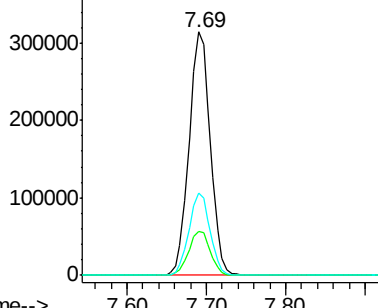
99 100

42 17.8 20.5 30.7#

71 33.6 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: 20.000 ng

RT: 11.37 min Scan# 1308

Delta R.T. -0.02 min

Lab File: BG027363.D

Acq: 10 Jun 2017 1:22

Tgt Ion: 136 Resp: 206815

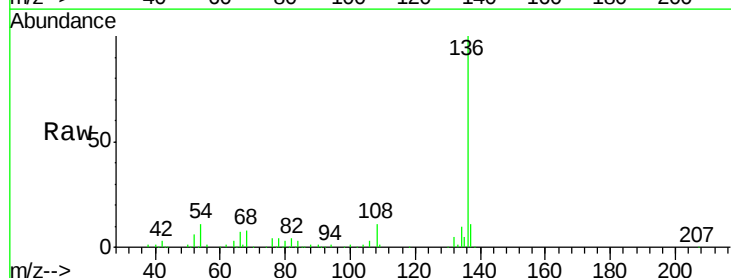
Ion Ratio Lower Upper

136 100

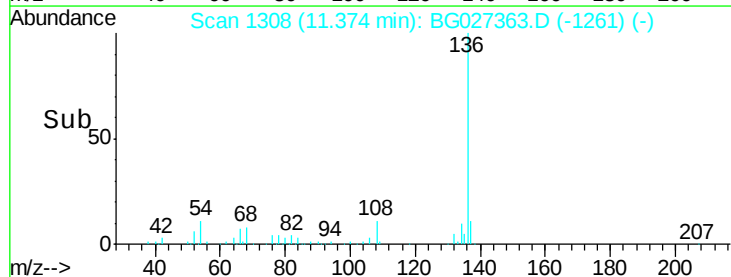
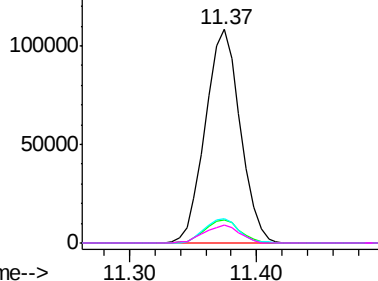
137 10.7 8.9 13.3

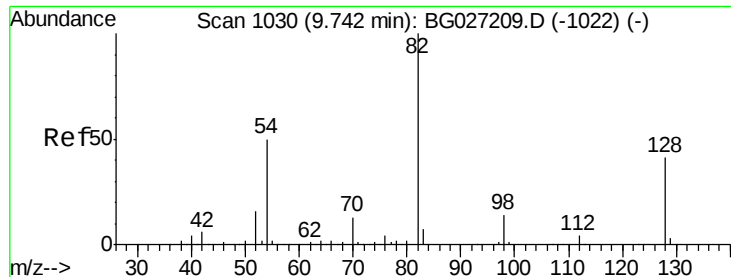
54 11.4 9.3 13.9

68 8.3 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

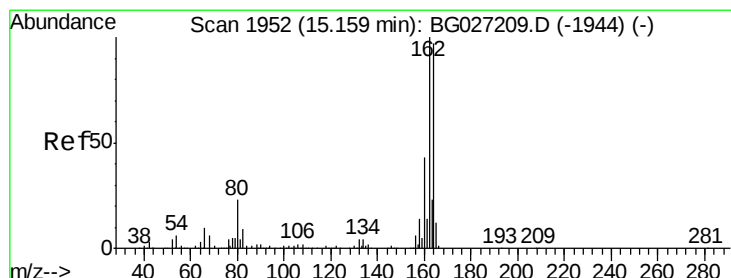
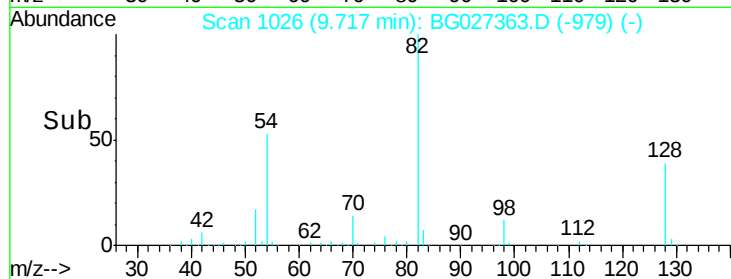
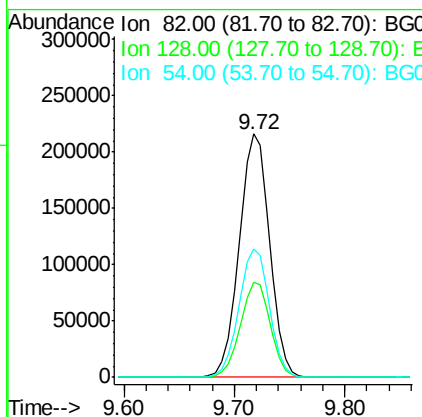
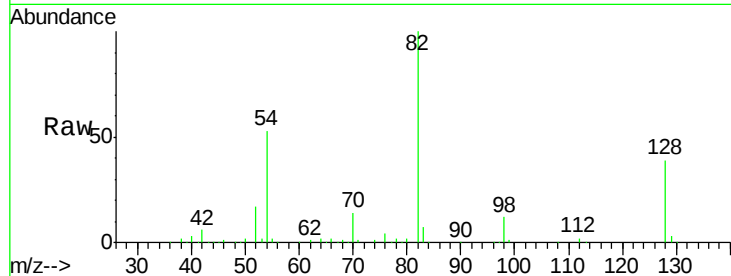




#23
 Nitrobenzene-d5
 Concen: 127.011 ng
 RT: 9.72 min Scan# 1026
 Delta R.T. -0.02 min
 Lab File: BG027363.D
 Acq: 10 Jun 2017 1:22

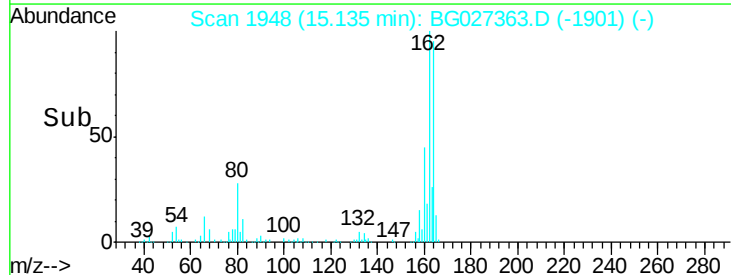
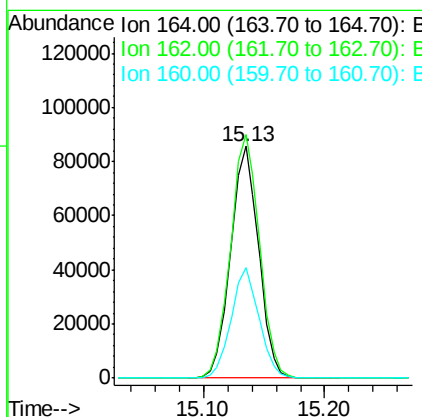
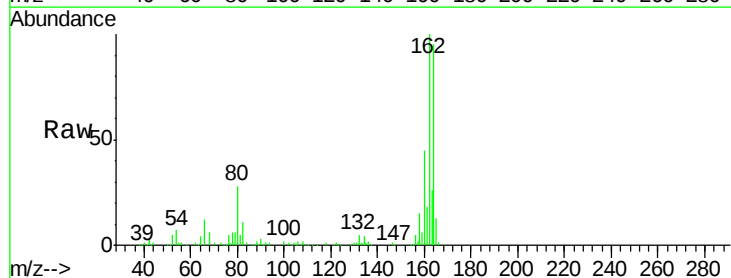
Instrument :
 BNA_G
 ClientSampleId :
 HR-06-060817-A

Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.1	26.4	39.6
54	52.6	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.13 min Scan# 1948
 Delta R.T. -0.02 min
 Lab File: BG027363.D
 Acq: 10 Jun 2017 1:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.1	85.1	127.7
160	47.7	34.7	52.1

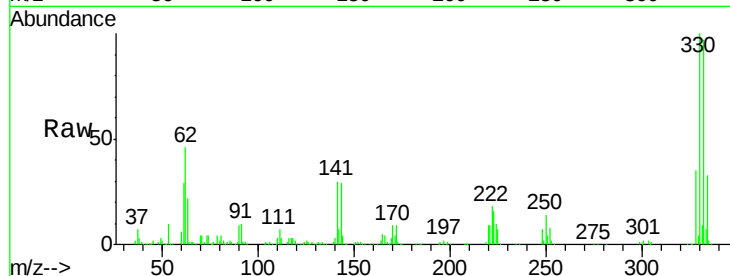




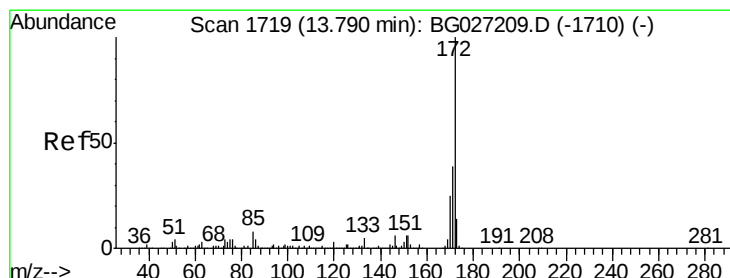
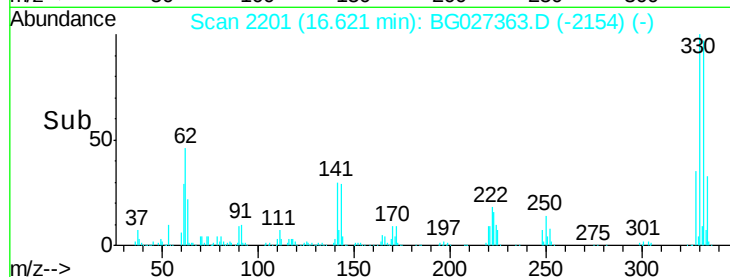
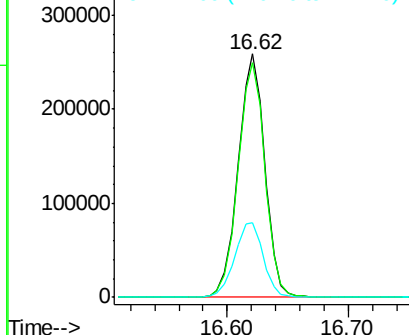
#41
 2,4,6-Tribromophenol
 Concen: 218.942 ng
 RT: 16.62 min Scan# 2201
 Delta R.T. -0.02 min
 Lab File: BG027363.D
 Acq: 10 Jun 2017 1:22

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-060817-A

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	398399		
332	97.3	77.3	115.9	
141	32.9	32.1	48.1	

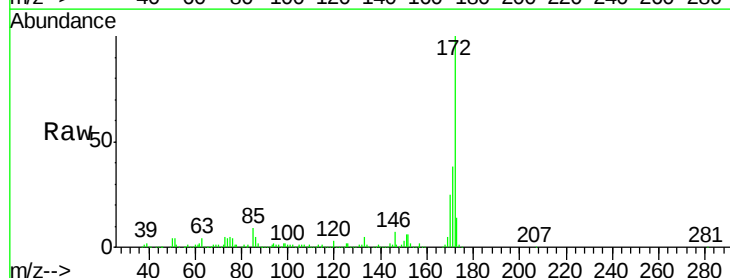


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

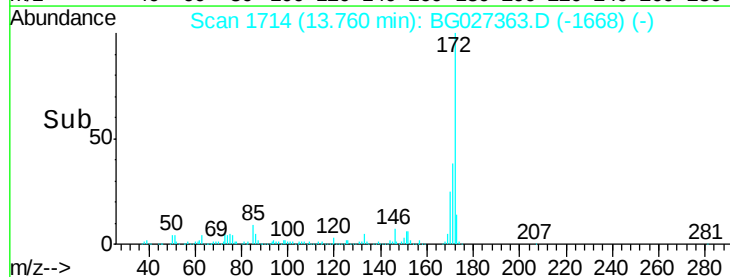
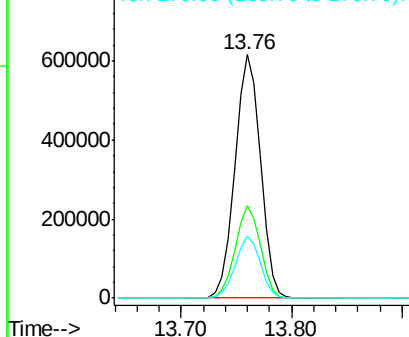


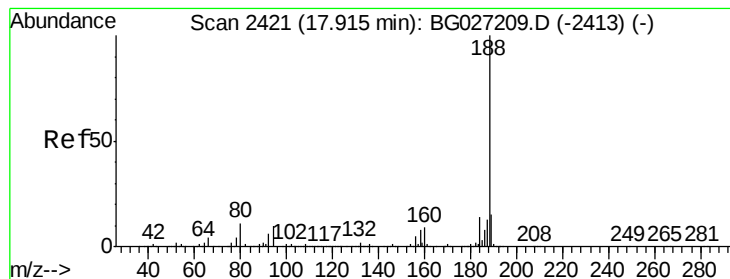
#44
 2-Fluorobiphenyl
 Concen: 101.004 ng
 RT: 13.76 min Scan# 1714
 Delta R.T. -0.03 min
 Lab File: BG027363.D
 Acq: 10 Jun 2017 1:22

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	997675		
171	38.1	32.2	48.2	
170	25.4	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: 20.000 ng

RT: 17.88 min Scan# 2416

Delta R.T. -0.03 min

Lab File: BG027363.D

Acq: 10 Jun 2017 1:22

Instrument :

BNA_G

ClientSampleId :

HR-06-060817-A

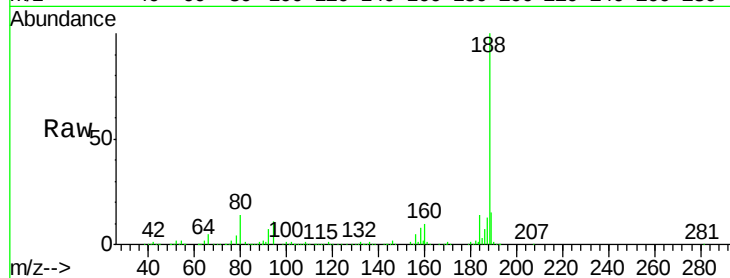
Tgt Ion:188 Resp: 402805

Ion Ratio Lower Upper

188 100

94 11.2 5.8 8.8#

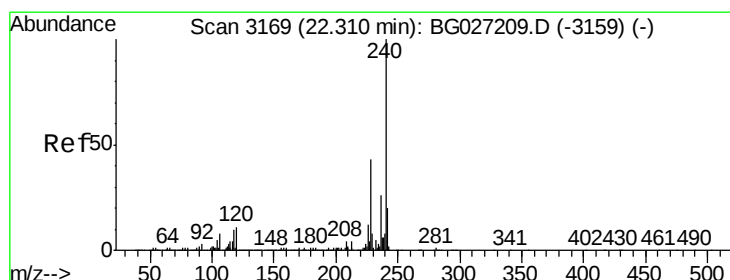
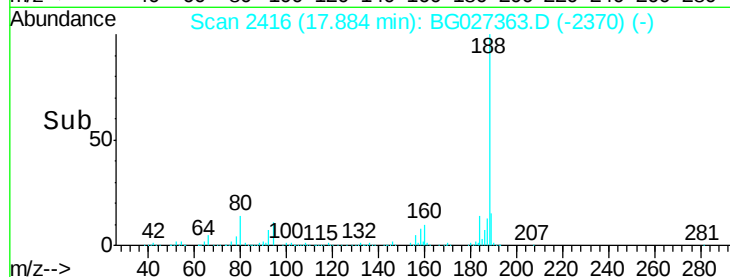
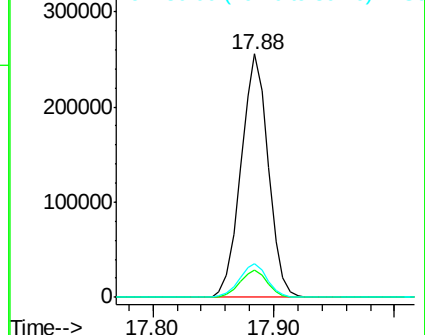
80 13.8 7.5 11.3#



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: 20.000 ng

RT: 22.27 min Scan# 3162

Delta R.T. -0.04 min

Lab File: BG027363.D

Acq: 10 Jun 2017 1:22

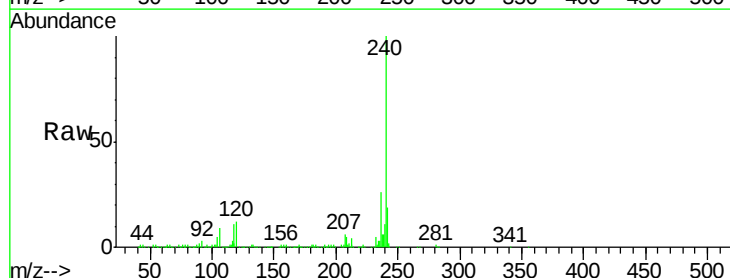
Tgt Ion:240 Resp: 355894

Ion Ratio Lower Upper

240 100

120 11.6 5.7 8.5#

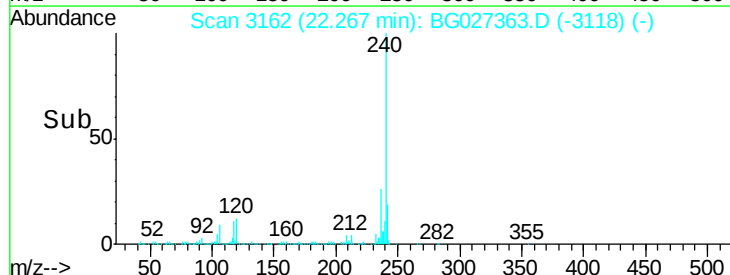
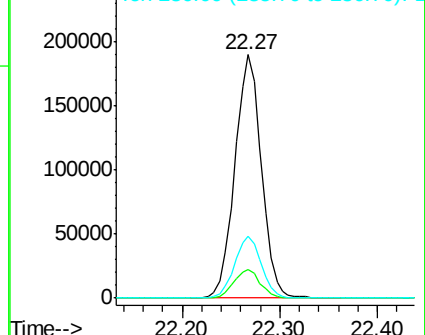
236 25.6 22.2 33.4

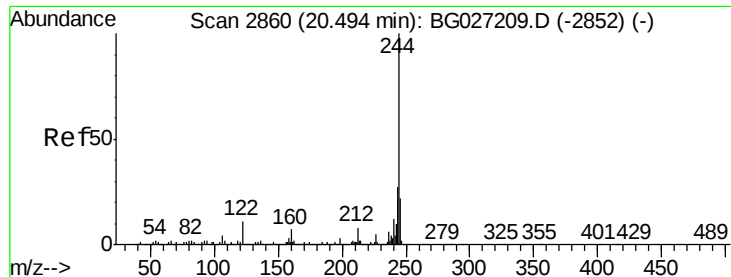


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 128.232 ng

RT: 20.46 min Scan# 2855

Delta R.T. -0.03 min

Lab File: BG027363.D

Acq: 10 Jun 2017 1:22

Instrument :

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HR-06-060817-A

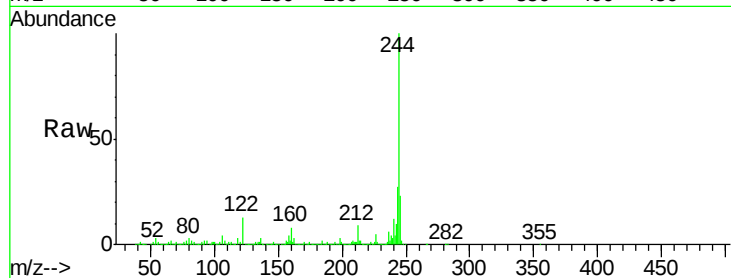
Tgt Ion:244 Resp: 1788985

Ion Ratio Lower Upper

244 100

212 8.5 10.0 15.0#

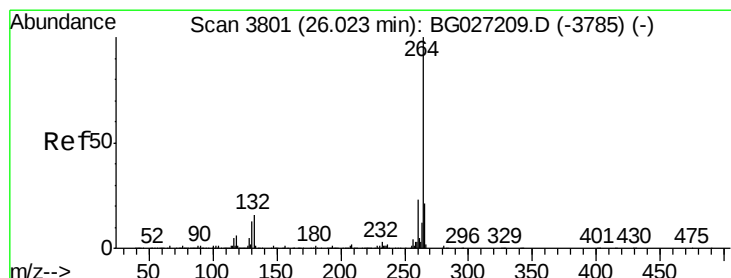
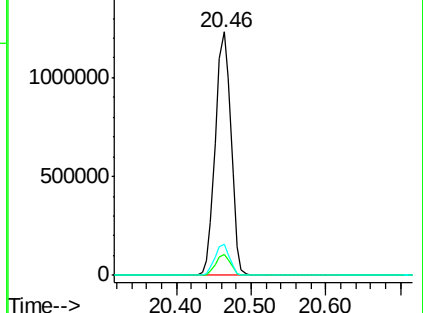
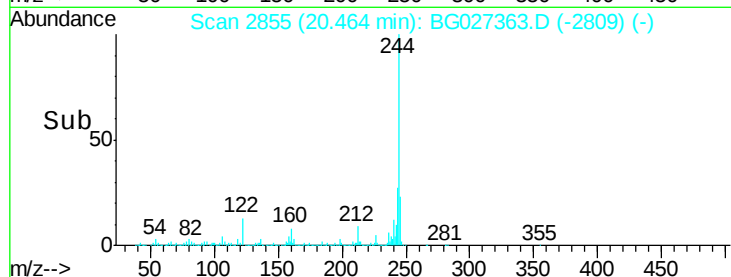
122 12.6 8.6 12.8



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: 20.000 ng

RT: 25.95 min Scan# 3789

Delta R.T. -0.07 min

Lab File: BG027363.D

Acq: 10 Jun 2017 1:22

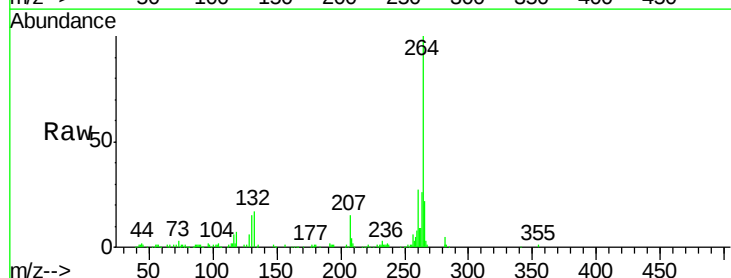
Tgt Ion:264 Resp: 203576

Ion Ratio Lower Upper

264 100

260 26.9 21.8 32.8

265 21.6 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

