

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060817\
 Data File : BG027327.D
 Acq On : 8 Jun 2017 21:37
 Operator : SJ/MA
 Sample : I3460-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 09 05:50:06 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	45865	20.00	ng	-0.02
21) Naphthalene-d8	11.37	136	226067	20.00	ng	-0.03
38) Acenaphthene-d10	15.13	164	146511	20.00	ng	-0.03
63) Phenanthrene-d10	17.89	188	349814	20.00	ng	-0.03
75) Chrysene-d12	22.27	240	394599	20.00	ng	-0.04
86) Perylene-d12	25.96	264	368647	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	187429	62.36	ng	-0.01
7) Phenol-d6	7.69	99	171495	38.87	ng	-0.01
23) Nitrobenzene-d5	9.72	82	388762	108.15	ng	-0.02
41) 2,4,6-Tribromophenol	16.62	330	306597	158.92	ng	-0.03
44) 2-Fluorobiphenyl	13.76	172	912564	87.14	ng	-0.03
78) Terphenyl-d14	20.46	244	1462359	94.54	ng	-0.03

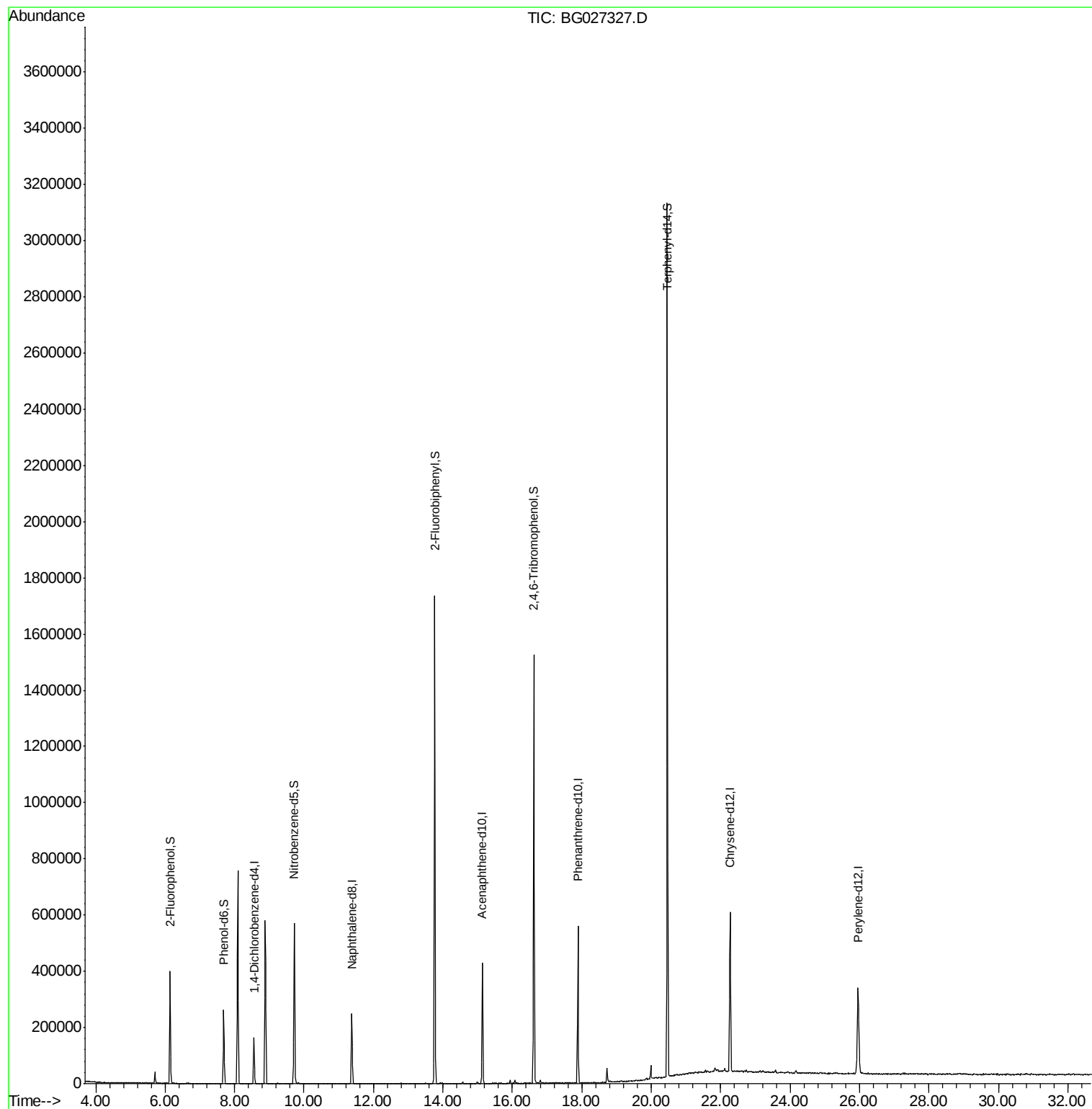
Target Compounds Qvalue

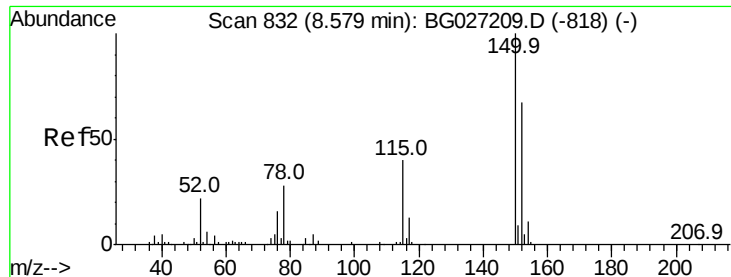
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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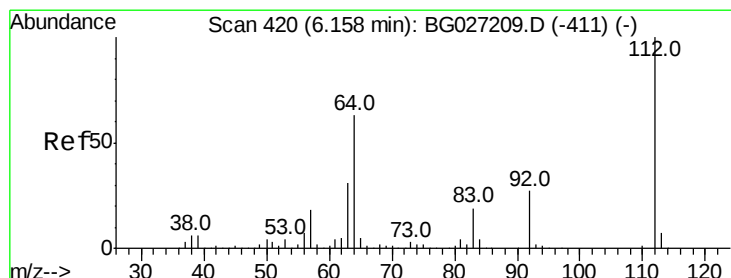
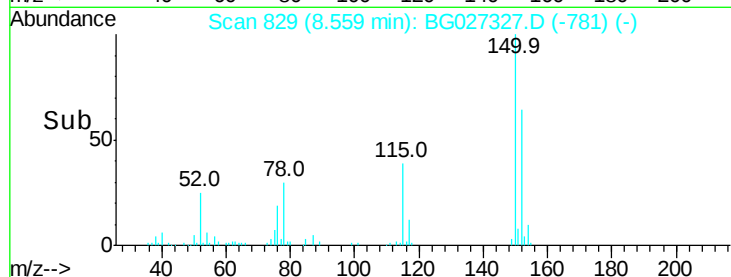
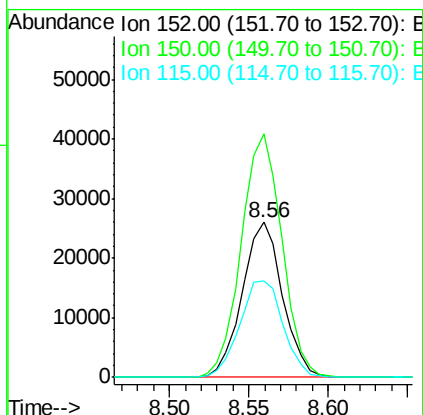
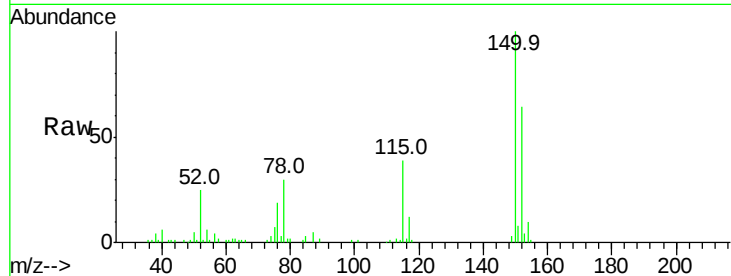


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.56 min Scan# 829
Delta R.T. -0.02 min
Lab File: BG027327.D
Acq: 8 Jun 2017 21:37

Instrument :
BNA_G
ClientSampled :

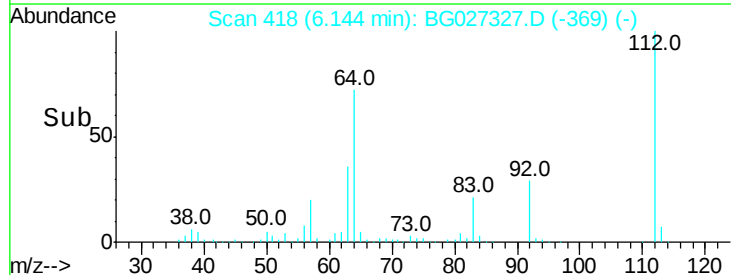
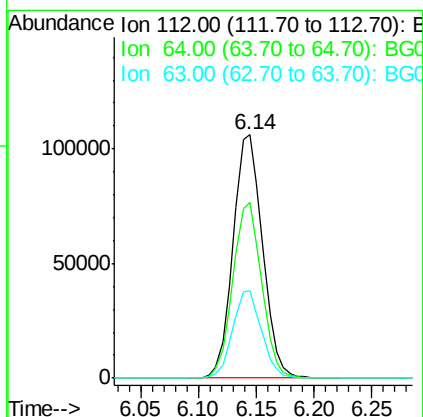
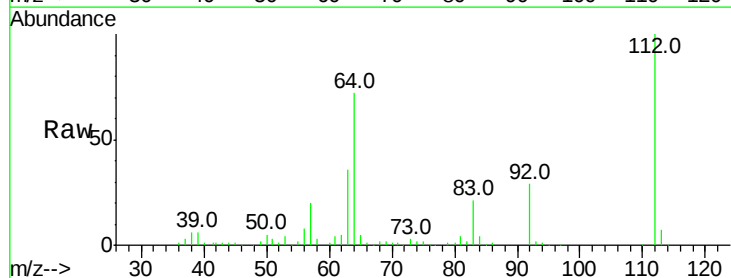
Tot Ion:152 Resp: 45865
Ion Ratio Lower Upper
152 100
150 157.1 114.0 171.0
115 61.9 48.1 72.1



#5

2-Fluorophenol
Concen: 62.36 ng
RT: 6.14 min Scan# 418
Delta R.T. -0.01 min
Lab File: BG027327.D
Acq: 8 Jun 2017 21:37

Tgt Ion:112 Resp: 187429
Ion Ratio Lower Upper
112 100
64 72.0 61.8 92.6
63 36.0 37.2 55.8#





#7

Phenol-d6

Concen: 38.87 ng

RT: 7.69 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG027327.D

Acq: 8 Jun 2017 21:37

Instrument :

BNA_G

ClientSampleId :

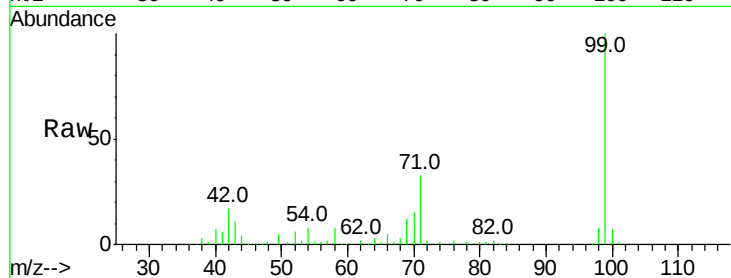
Tot Ion: 99 Resp: 171495

Ion Ratio Lower Upper

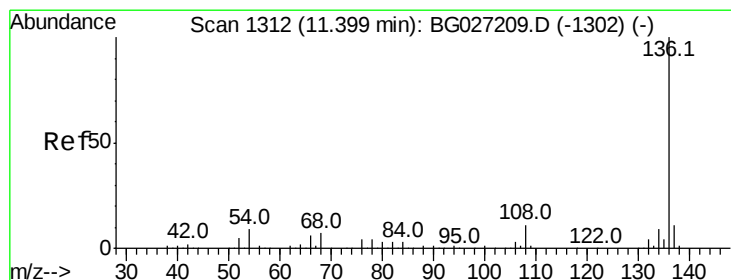
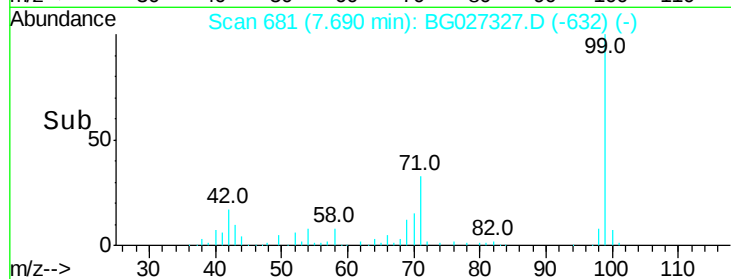
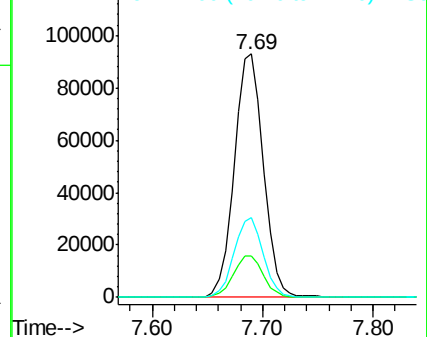
99 100

42 17.1 20.5 30.7#

71 32.8 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: BG027327.D

Acq: 8 Jun 2017 21:37

Tgt Ion: 136 Resp: 226067

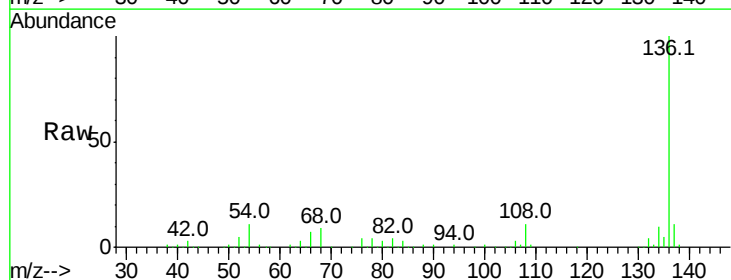
Ion Ratio Lower Upper

136 100

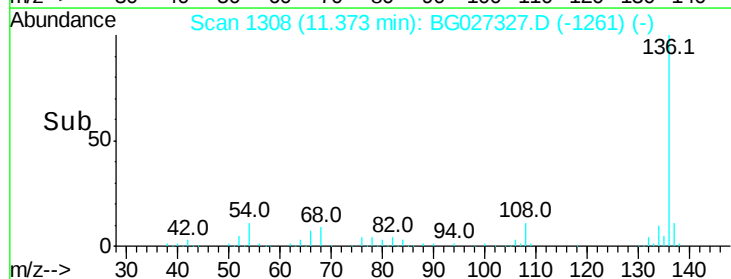
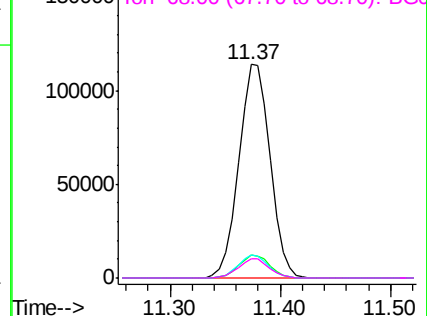
137 10.9 8.9 13.3

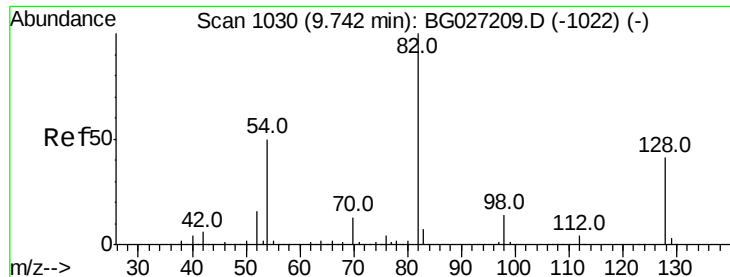
54 11.0 9.3 13.9

68 8.7 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

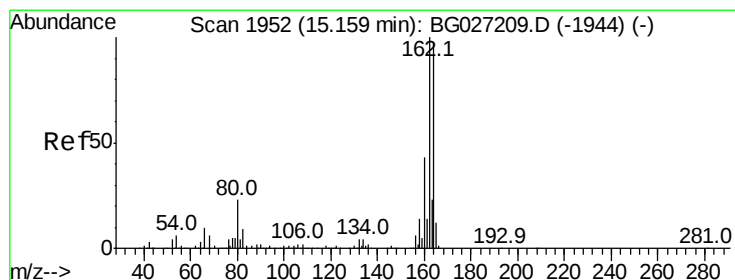
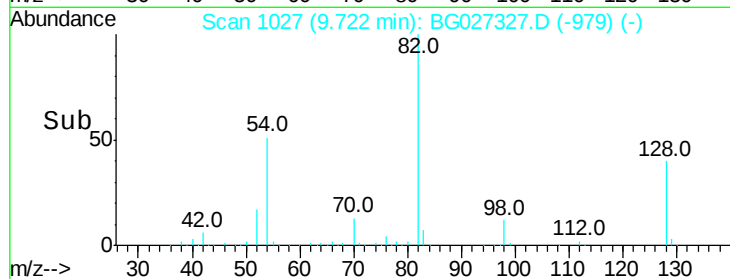
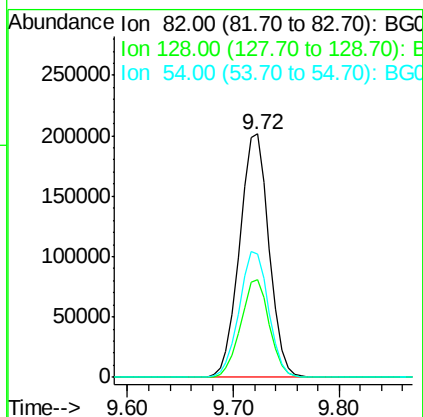
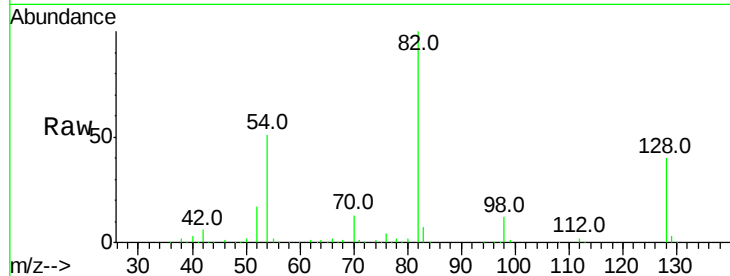




#23
 Nitrobenzene-d5
 Concen: 108.15 ng
 RT: 9.72 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BG027327.D
 Acq: 8 Jun 2017 21:37

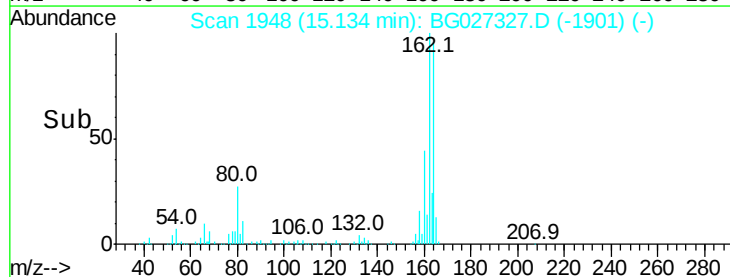
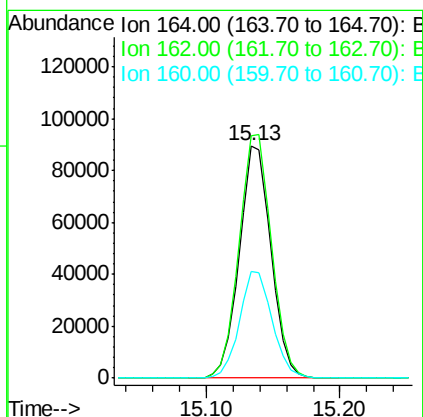
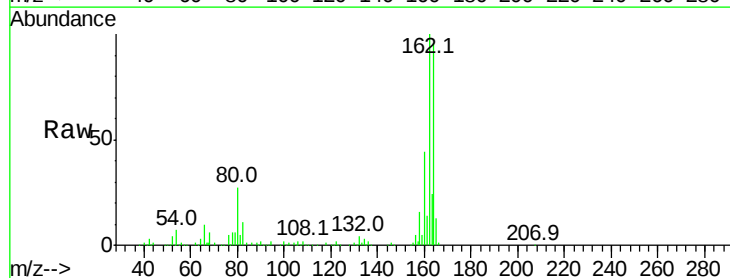
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 388762
 Ion Ratio Lower Upper
 82 100
 128 40.0 26.4 39.6#
 54 50.8 49.4 74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.13 min Scan# 1948
 Delta R.T. -0.03 min
 Lab File: BG027327.D
 Acq: 8 Jun 2017 21:37

Tgt Ion:164 Resp: 146511
 Ion Ratio Lower Upper
 164 100
 162 104.5 85.1 127.7
 160 45.8 34.7 52.1

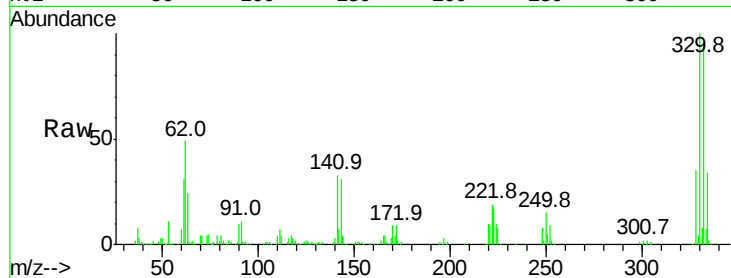




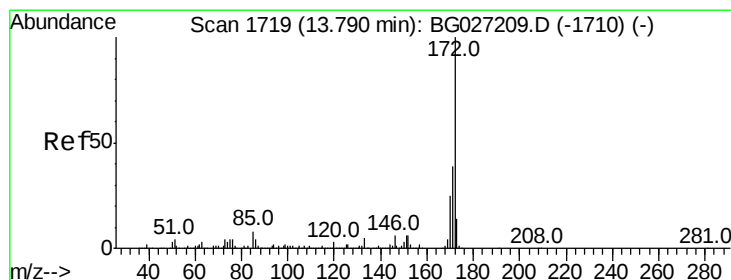
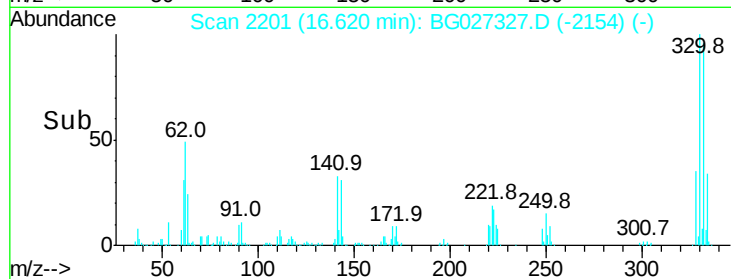
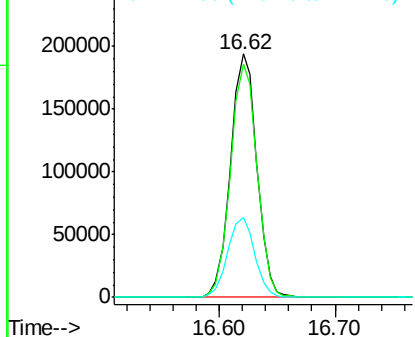
#41
 2,4,6-Tribromophenol
 Concen: 158.92 ng
 RT: 16.62 min Scan# 2201
 Delta R.T. -0.03 min
 Lab File: BG027327.D
 Acq: 8 Jun 2017 21:37

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	33.7	32.1	48.1

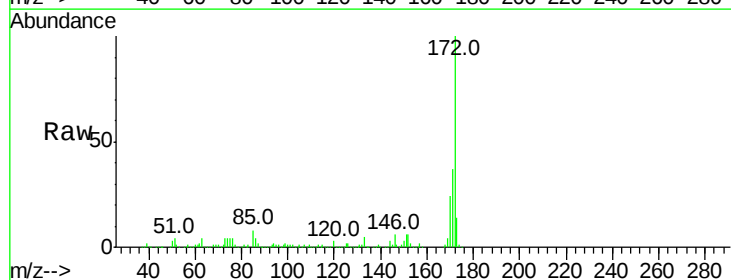


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

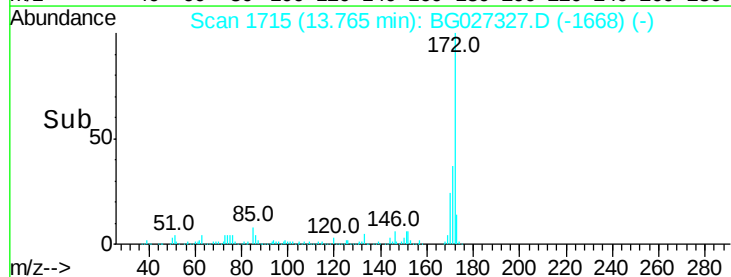
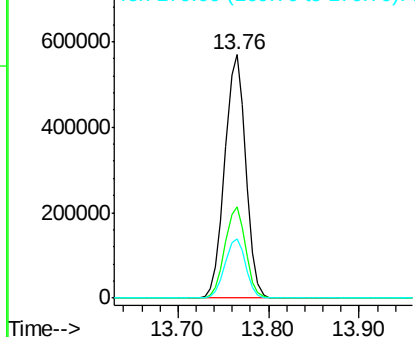


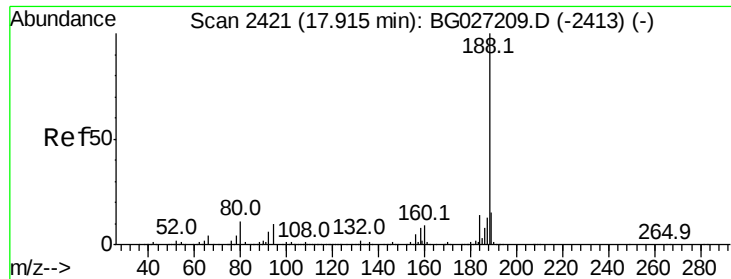
#44
 2-Fluorobiphenyl
 Concen: 87.14 ng
 RT: 13.76 min Scan# 1715
 Delta R.T. -0.03 min
 Lab File: BG027327.D
 Acq: 8 Jun 2017 21:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	32.2	48.2
170	24.5	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

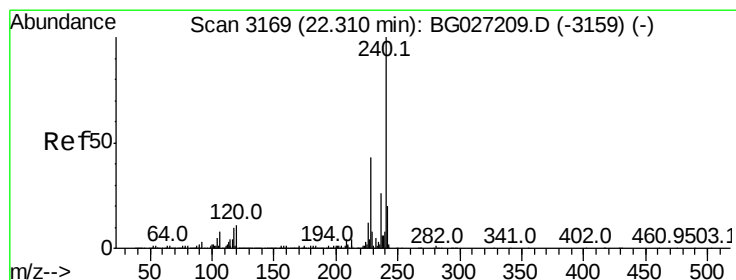
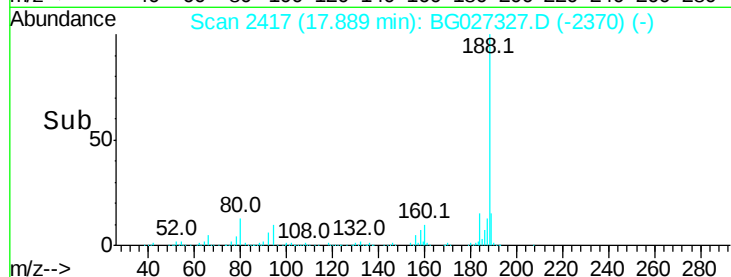
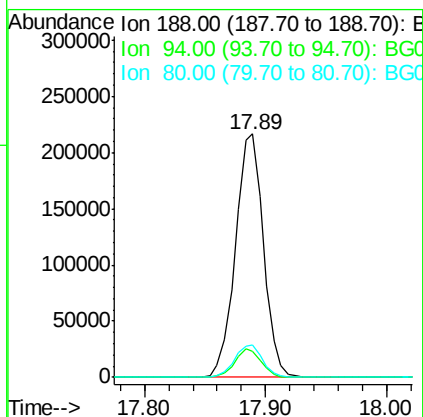
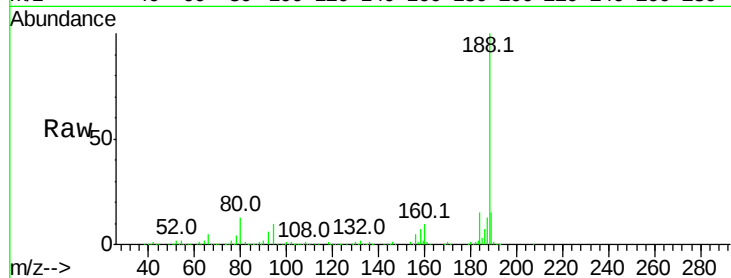




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.89 min Scan# 2417
Delta R.T. -0.03 min
Lab File: BG027327.D
Acq: 8 Jun 2017 21:37

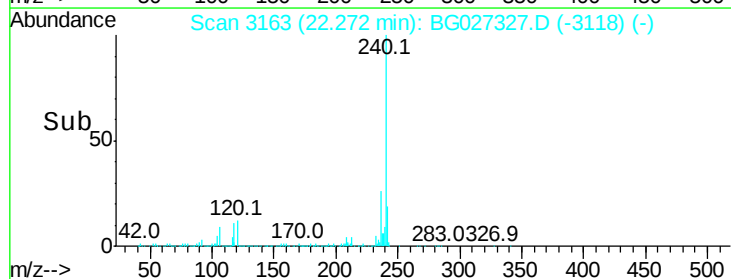
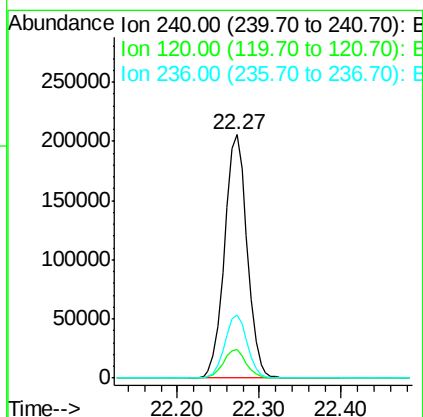
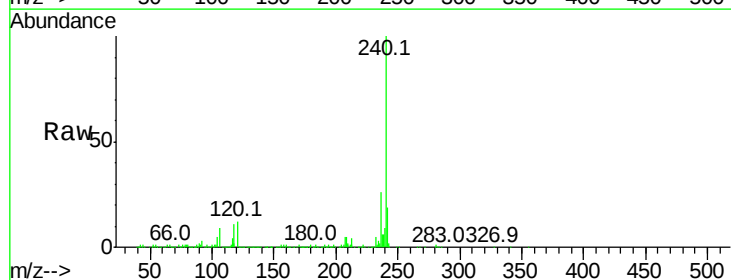
Instrument :
BNA_G
ClientSampled :

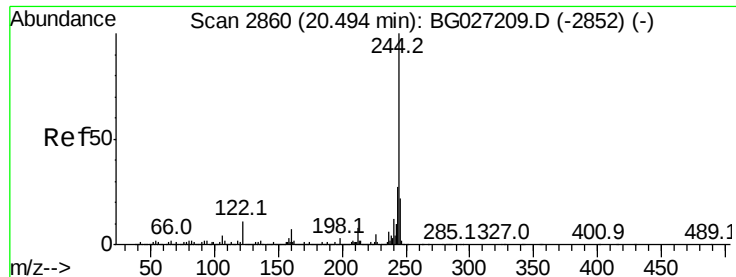
Tot Ion:188 Resp: 349814
Ion Ratio Lower Upper
188 100
94 10.4 5.8 8.8#
80 13.2 7.5 11.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.27 min Scan# 3163
Delta R.T. -0.04 min
Lab File: BG027327.D
Acq: 8 Jun 2017 21:37

Tgt Ion:240 Resp: 394599
Ion Ratio Lower Upper
240 100
120 11.6 5.7 8.5#
236 25.9 22.2 33.4





#78

Terphenyl-d14

Concen: 94.54 ng

RT: 20.46 min Scan# 2855

Delta R.T. -0.03 min

Lab File: BG027327.D

Acq: 8 Jun 2017 21:37

Instrument :

BNA_G

ClientSampleId :

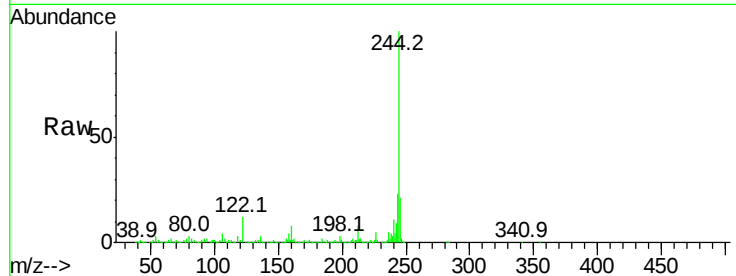
Tot Ion:244 Resp: 1462359

Ion Ratio Lower Upper

244 100

212 7.8 10.0 15.0#

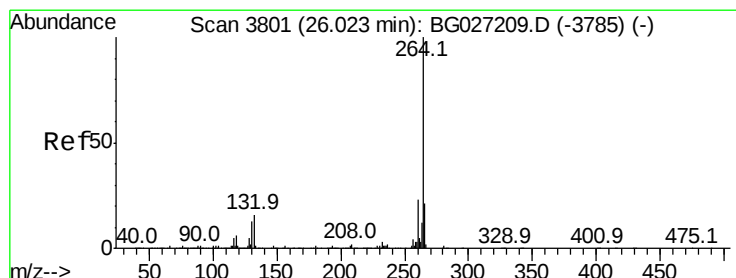
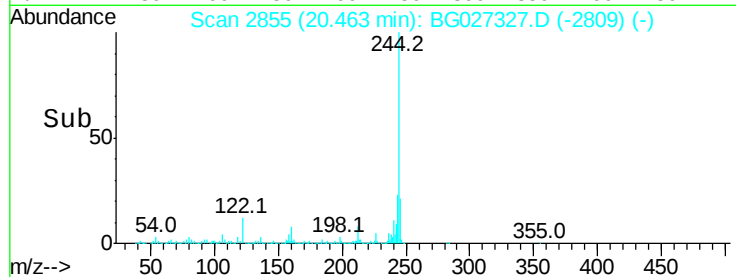
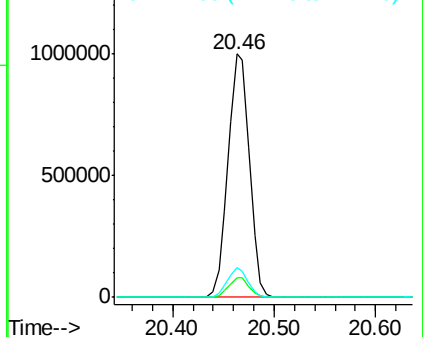
122 12.3 8.6 12.8



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: BG027327.D

Acq: 8 Jun 2017 21:37

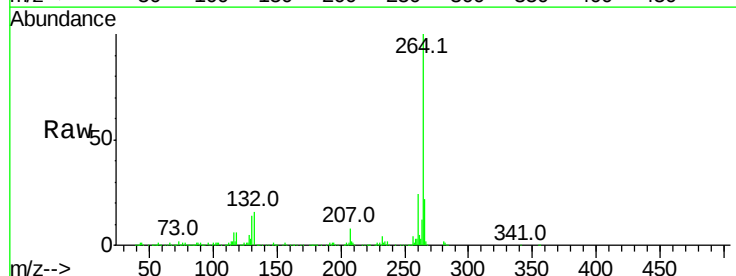
Tgt Ion:264 Resp: 368647

Ion Ratio Lower Upper

264 100

260 23.7 21.8 32.8

265 21.7 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

