

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060917\
 Data File : BG027360.D
 Acq On : 9 Jun 2017 23:24
 Operator : SJ/MA
 Sample : I3561-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 10 03:59:23 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

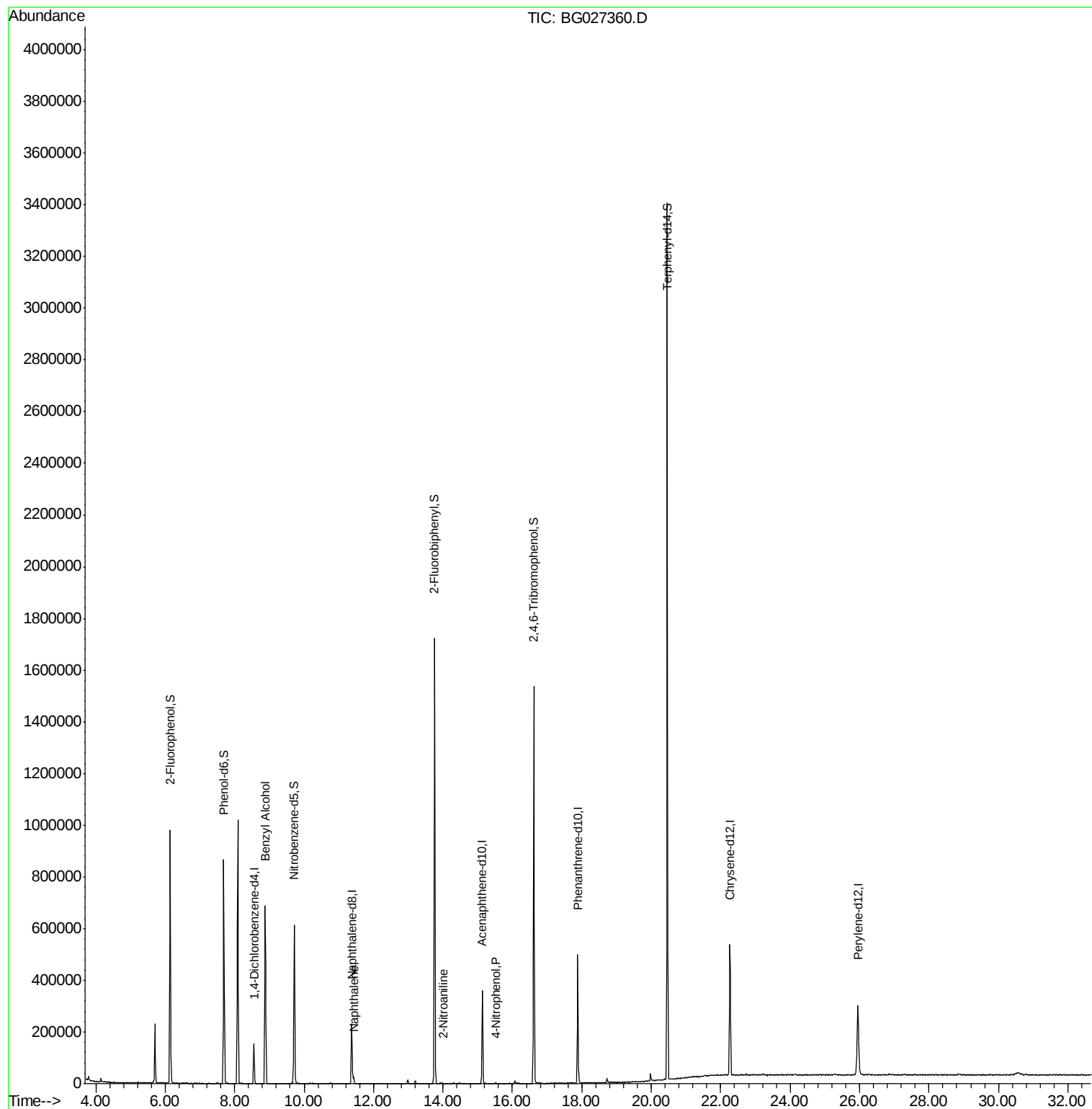
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.55	152	42733	20.00	ng	-0.03
21) Naphthalene-d8	11.37	136	204265	20.00	ng	-0.03
38) Acenaphthene-d10	15.13	164	126680	20.00	ng	-0.03
63) Phenanthrene-d10	17.88	188	308532	20.00	ng	-0.03
75) Chrysene-d12	22.27	240	351807	20.00	ng	-0.04
86) Perylene-d12	25.95	264	332353	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	437611	156.27	ng	-0.01
7) Phenol-d6	7.69	99	556261	135.32	ng	-0.01
23) Nitrobenzene-d5	9.72	82	410663	126.44	ng	-0.03
41) 2,4,6-Tribromophenol	16.62	330	304003	182.24	ng	-0.03
44) 2-Fluorobiphenyl	13.76	172	918319	101.41	ng	-0.03
78) Terphenyl-d14	20.46	244	1496618	108.52	ng	-0.03
Target Compounds						
15) Benzyl Alcohol	8.88	79	6873	2.37	ng	# 43
31) Naphthalene	11.42	128	23678	2.12	ng	# 95
47) 2-Nitroaniline	14.00	65	59	6.85	ng	# 16
55) 4-Nitrophenol	15.53	139	718	6.47	ng	# 1

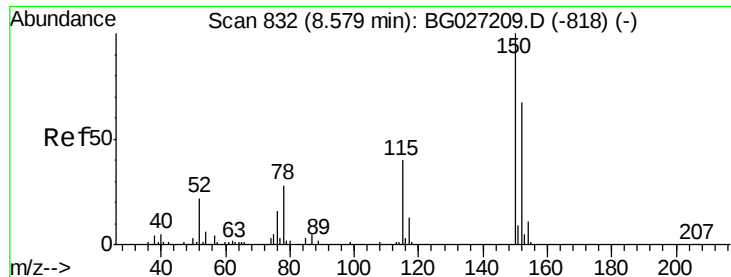
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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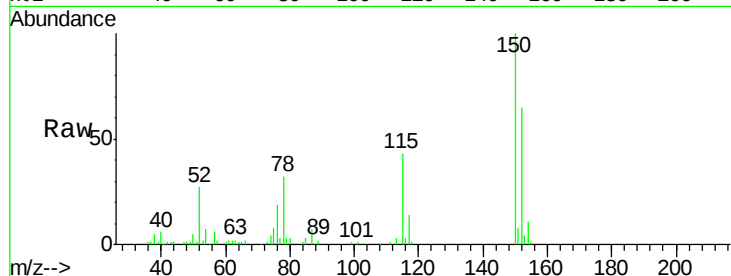


#1

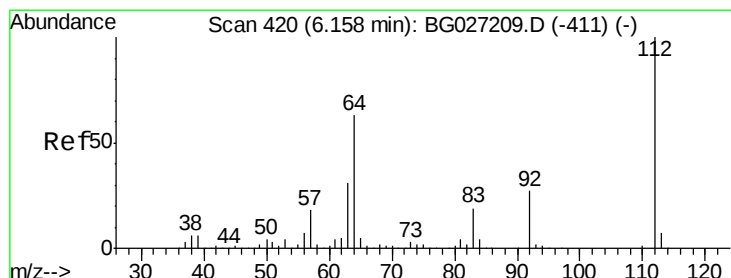
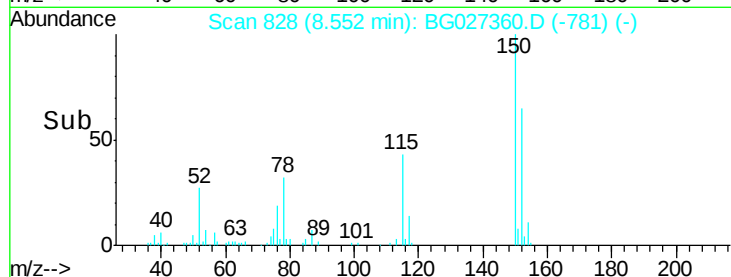
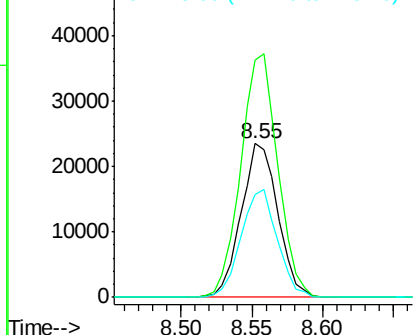
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.55 min Scan# 828
Delta R.T. -0.03 min
Lab File: BG027360.D
Acq: 9 Jun 2017 23:24

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 42733
Ion Ratio Lower Upper
152 100
150 154.2 114.0 171.0
115 66.6 48.1 72.1



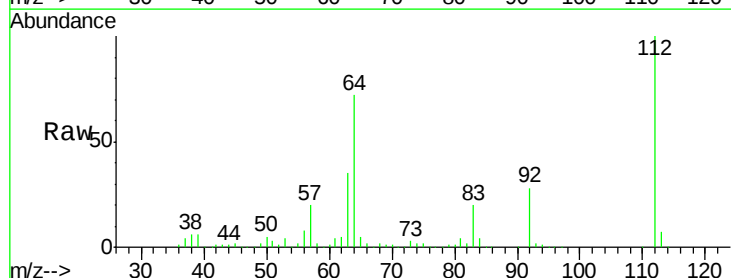
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



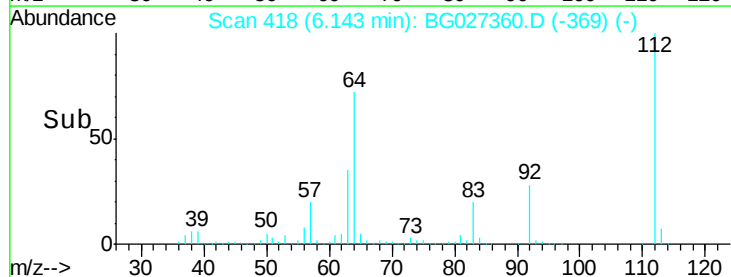
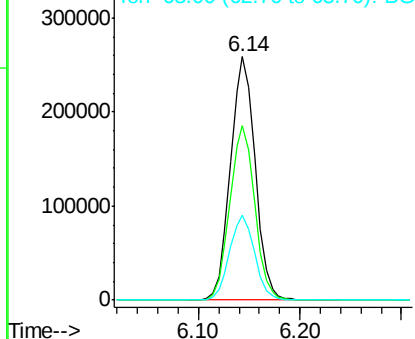
#5

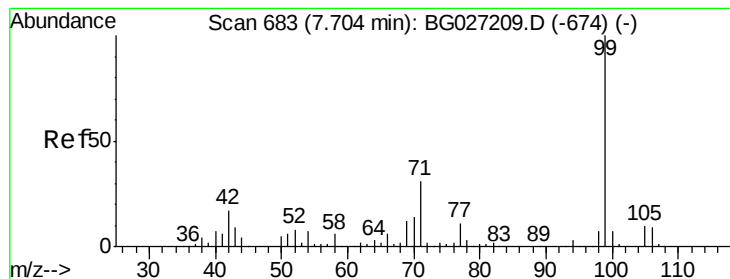
2-Fluorophenol
Concen: 156.27 ng
RT: 6.14 min Scan# 418
Delta R.T. -0.01 min
Lab File: BG027360.D
Acq: 9 Jun 2017 23:24

Tgt Ion:112 Resp: 437611
Ion Ratio Lower Upper
112 100
64 71.9 61.8 92.6
63 34.8 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: 135.32 ng

RT: 7.69 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG027360.D

Acq: 9 Jun 2017 23:24

Instrument :

BNA_G

ClientSampleId :

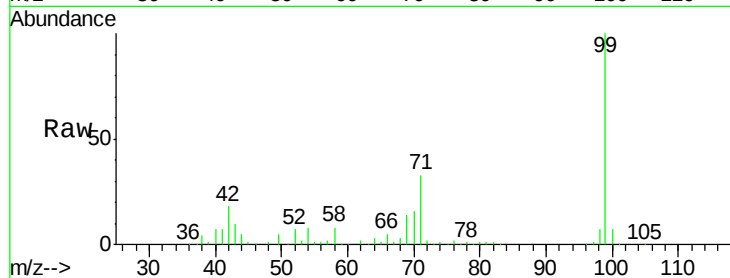
Tot Ion: 99 Resp: 556261

Ion Ratio Lower Upper

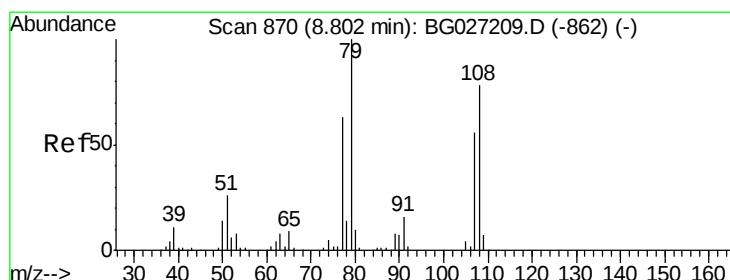
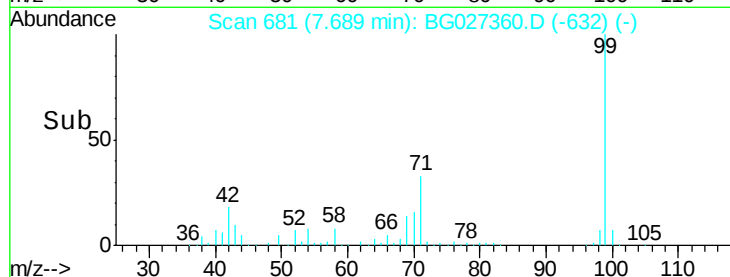
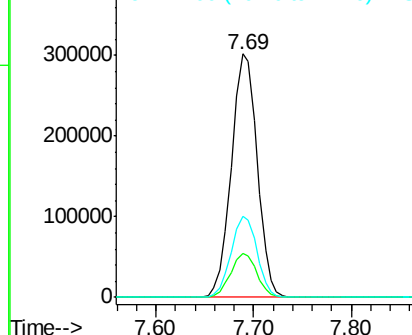
99 100

42 18.3 20.5 30.7#

71 33.4 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



#15

Benzyl Alcohol

Concen: 2.37 ng

RT: 8.88 min Scan# 884

Delta R.T. 0.08 min

Lab File: BG027360.D

Acq: 9 Jun 2017 23:24

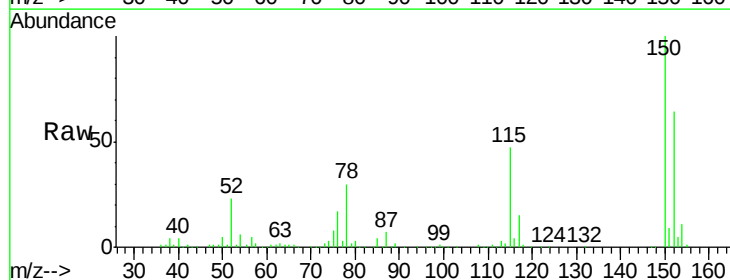
Tgt Ion: 79 Resp: 6873

Ion Ratio Lower Upper

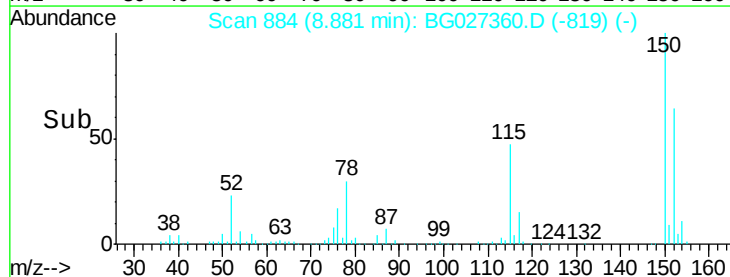
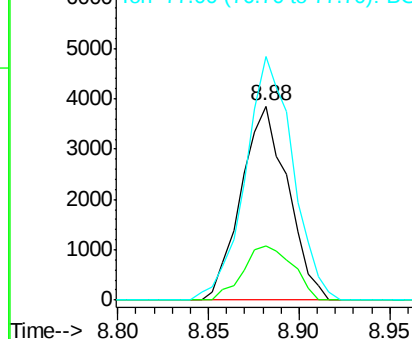
79 100

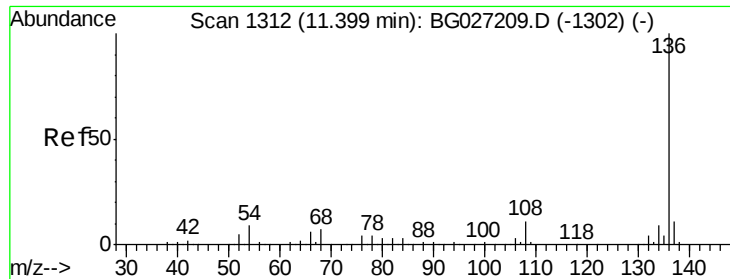
108 27.7 45.5 68.3#

77 125.7 54.3 81.5#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

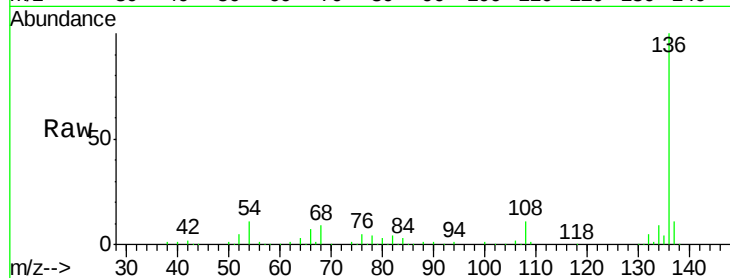




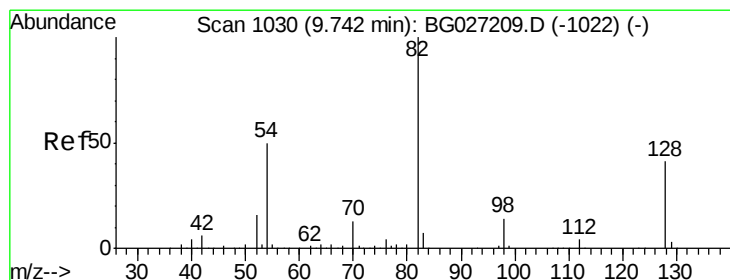
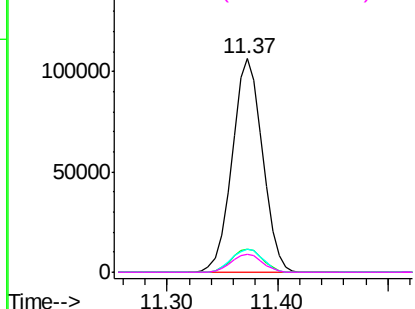
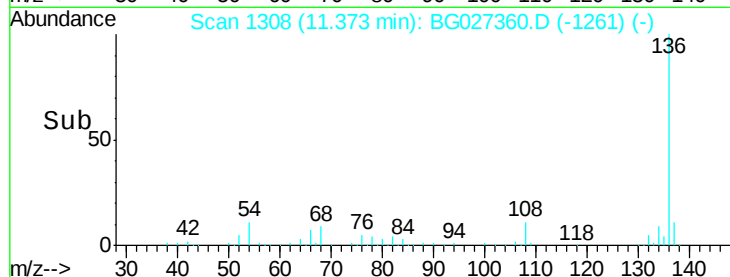
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.37 min Scan# 1308
Delta R.T. -0.03 min
Lab File: BG027360.D
Acq: 9 Jun 2017 23:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	204265
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	10.7	9.3 13.9
68	8.5	5.1 7.7#

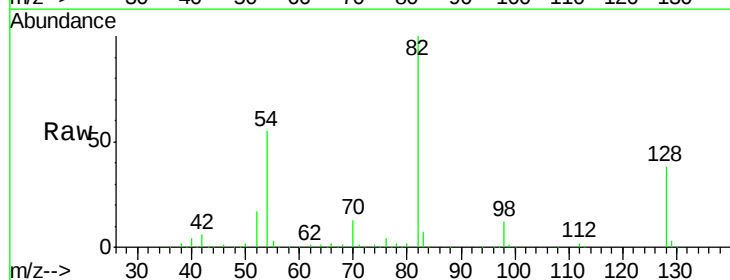


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

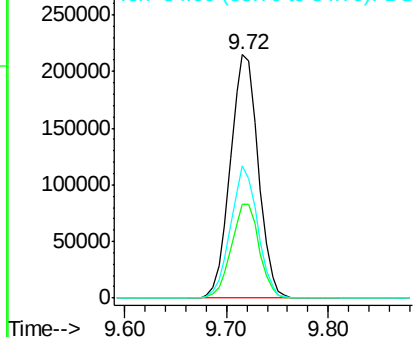
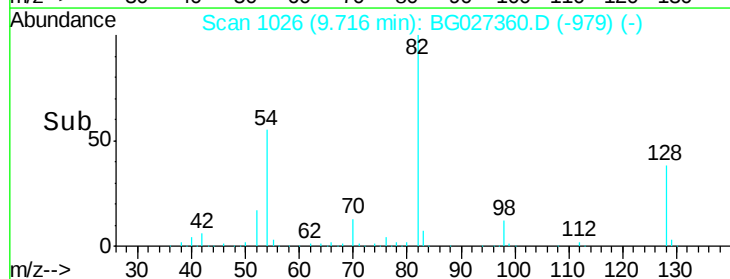


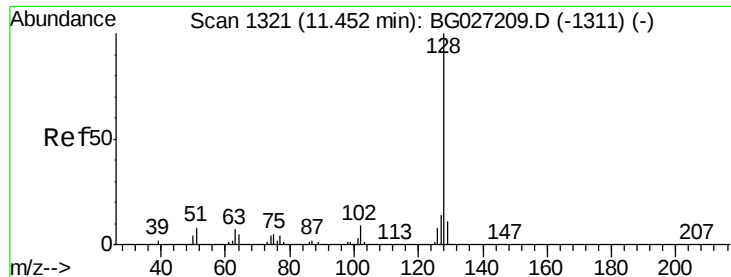
#23
Nitrobenzene-d5
Concen: 126.44 ng
RT: 9.72 min Scan# 1026
Delta R.T. -0.03 min
Lab File: BG027360.D
Acq: 9 Jun 2017 23:24

Tgt Ion: 82	Resp:	410663
Ion Ratio	Lower	Upper
82	100	
128	38.5	26.4 39.6
54	54.6	49.4 74.2



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

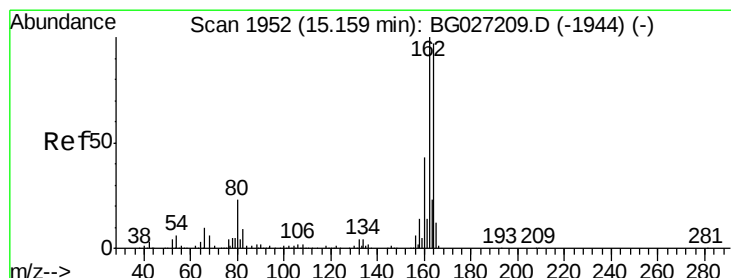
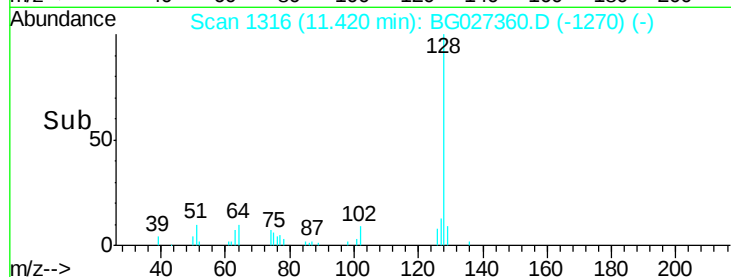
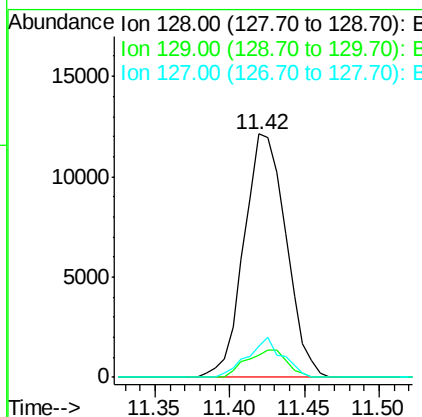
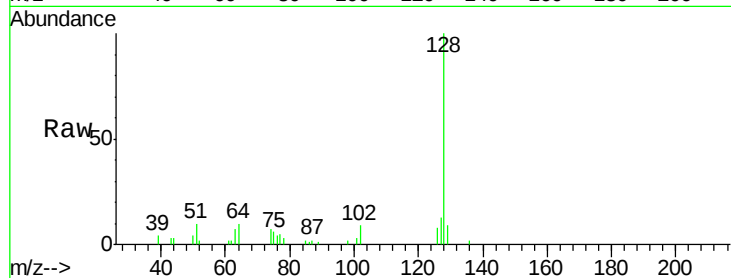




#31
Naphthalene
Concen: 2.12 ng
RT: 11.42 min Scan# 1316
Delta R.T. -0.03 min
Lab File: BG027360.D
Acq: 9 Jun 2017 23:24

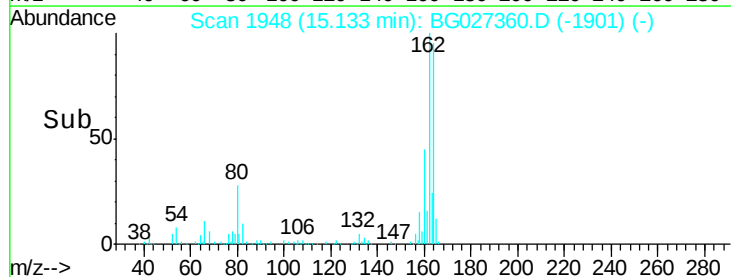
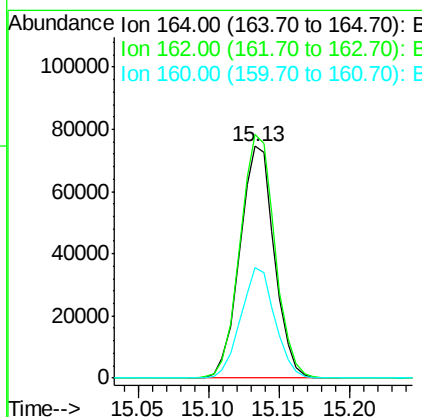
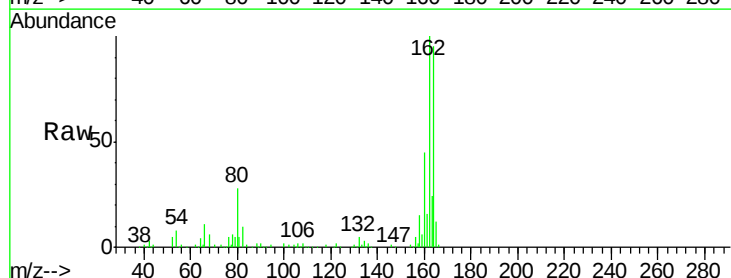
Instrument :
BNA_G
ClientSampleId :

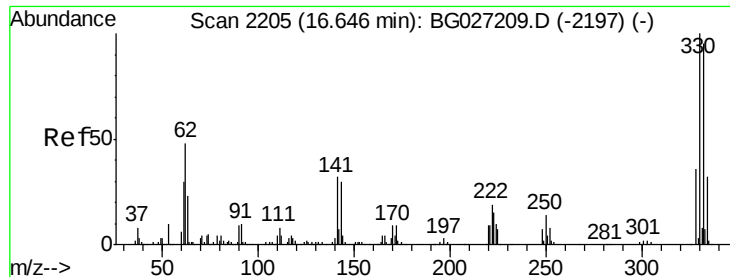
Tot Ion:128 Resp: 23678
Ion Ratio Lower Upper
128 100
129 9.1 9.3 13.9#
127 12.8 11.4 17.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.13 min Scan# 1948
Delta R.T. -0.03 min
Lab File: BG027360.D
Acq: 9 Jun 2017 23:24

Tgt Ion:164 Resp: 126680
Ion Ratio Lower Upper
164 100
162 105.0 85.1 127.7
160 47.5 34.7 52.1

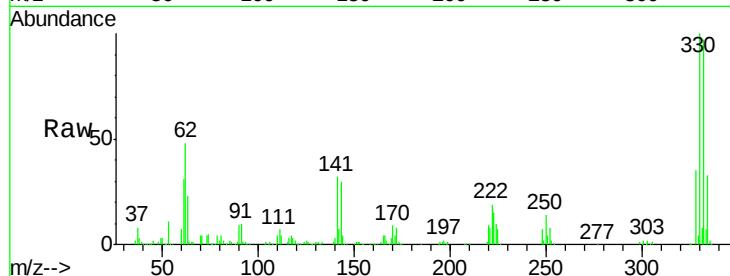




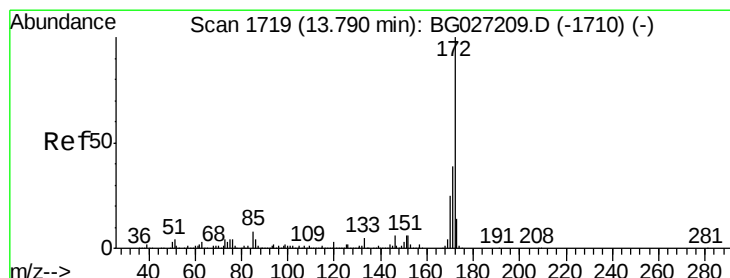
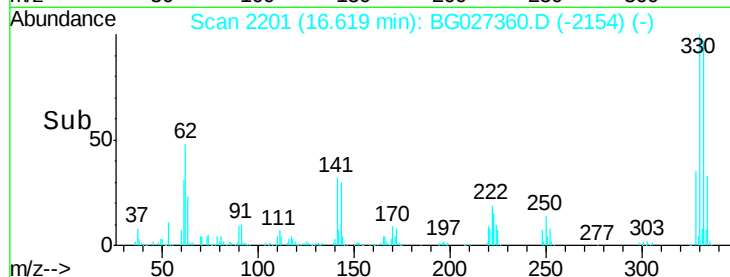
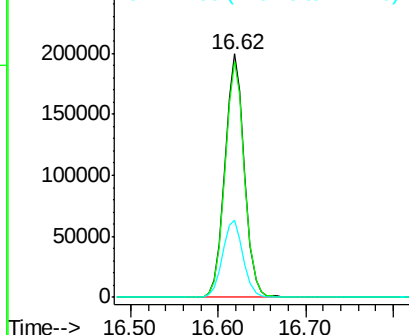
#41
 2,4,6-Tribromophenol
 Concen: 182.24 ng
 RT: 16.62 min Scan# 2201
 Delta R.T. -0.03 min
 Lab File: BG027360.D
 Acq: 9 Jun 2017 23:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 304003
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.3 115.9
 141 33.4 32.1 48.1

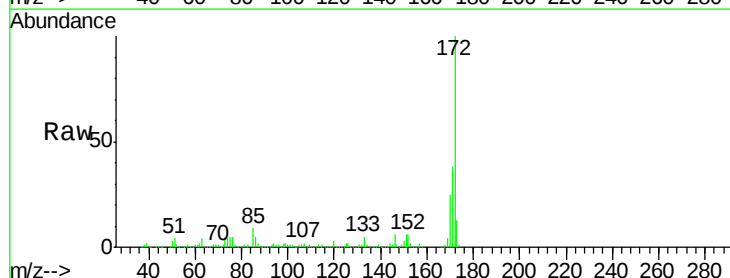


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

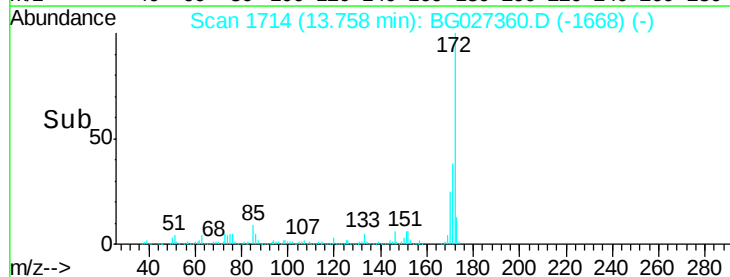
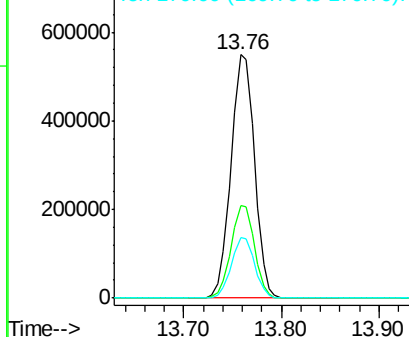


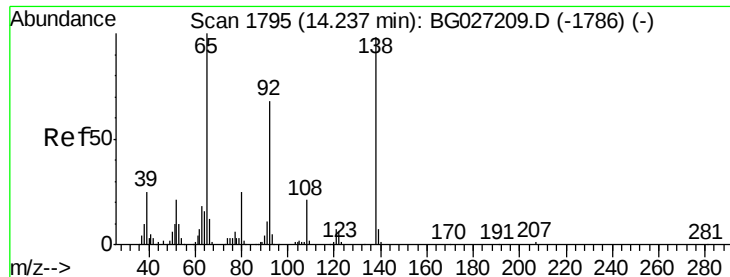
#44
 2-Fluorobiphenyl
 Concen: 101.41 ng
 RT: 13.76 min Scan# 1714
 Delta R.T. -0.03 min
 Lab File: BG027360.D
 Acq: 9 Jun 2017 23:24

Tgt Ion:172 Resp: 918319
 Ion Ratio Lower Upper
 172 100
 171 37.8 32.2 48.2
 170 24.7 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





#47

2-Nitroaniline

Concen: 6.85 ng

RT: 14.00 min Scan# 1755

Delta R.T. -0.24 min

Lab File: BG027360.D

Acq: 9 Jun 2017 23:24

Instrument :

BNA_G

ClientSampleId :

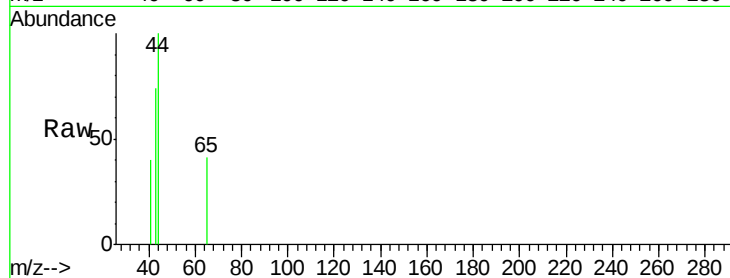
Tot Ion: 65 Resp: 59

Ion Ratio Lower Upper

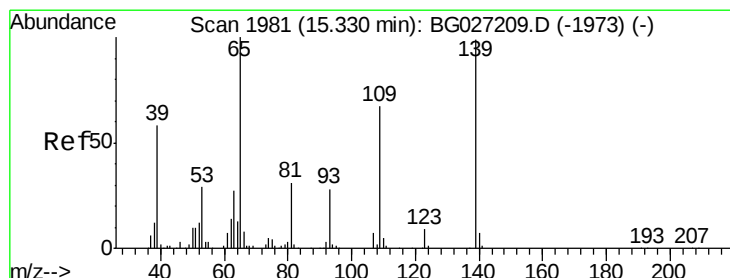
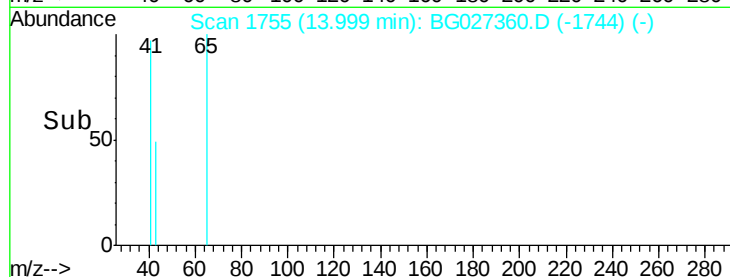
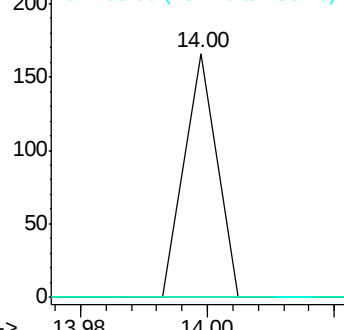
65 100

92 0.0 49.0 73.4#

138 0.0 58.6 87.8#



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#55

4-Nitrophenol

Concen: 6.47 ng

RT: 15.53 min Scan# 2015

Delta R.T. 0.20 min

Lab File: BG027360.D

Acq: 9 Jun 2017 23:24

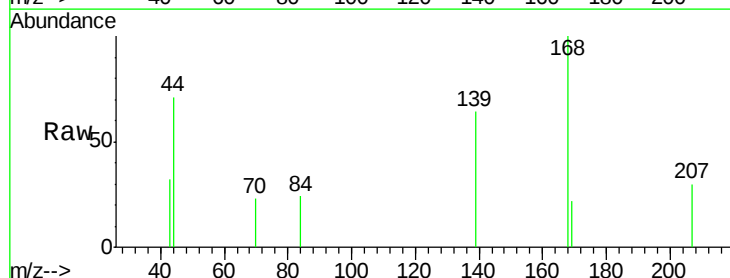
Tgt Ion: 139 Resp: 718

Ion Ratio Lower Upper

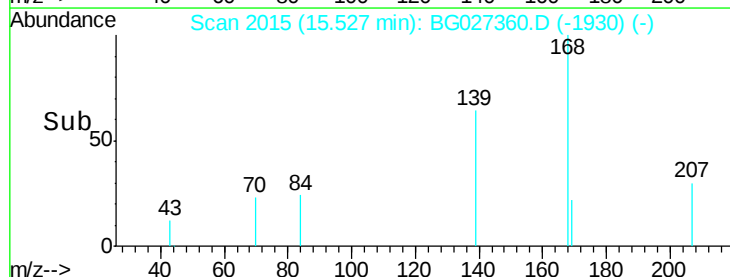
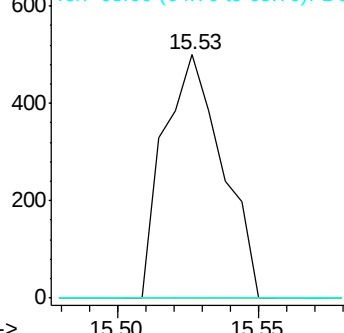
139 100

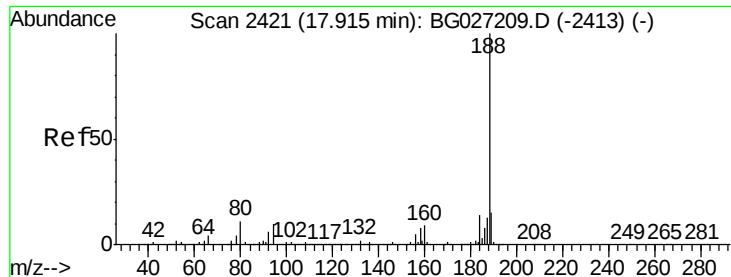
109 0.0 101.2 141.2#

65 0.0 135.3 175.3#



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

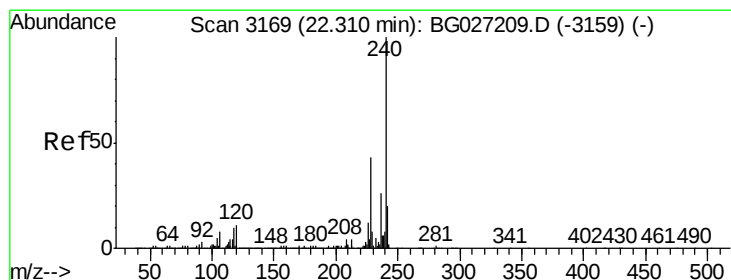
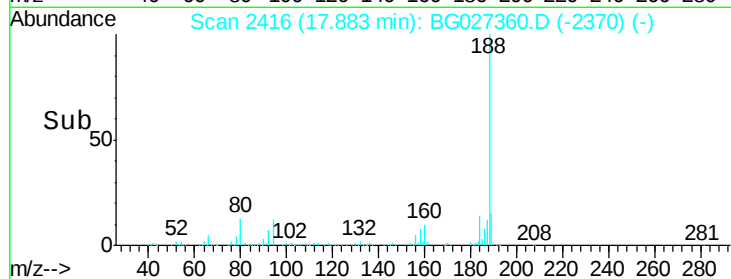
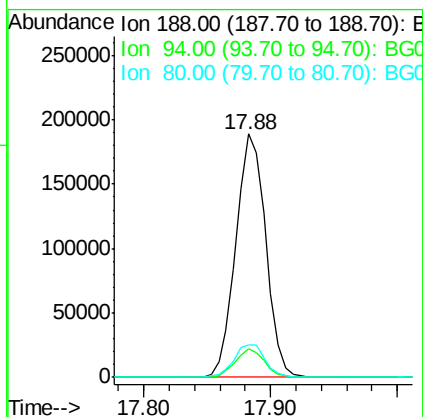
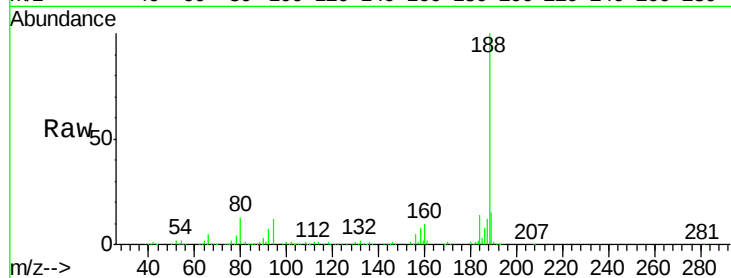




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.88 min Scan# 2416
Delta R.T. -0.03 min
Lab File: BG027360.D
Acq: 9 Jun 2017 23:24

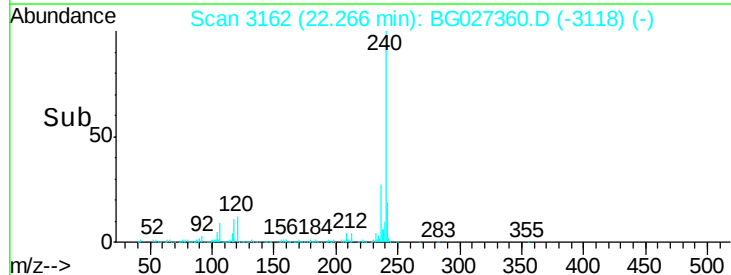
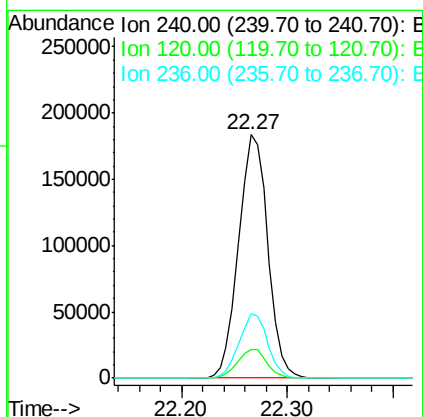
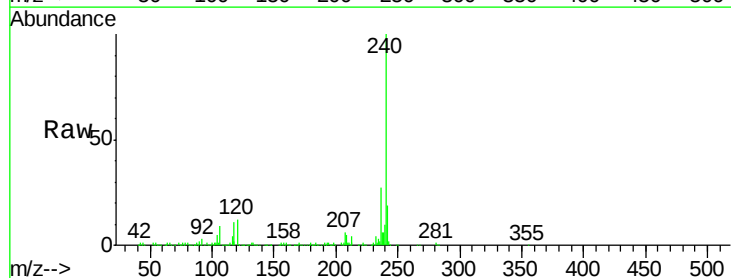
Instrument :
BNA_G
ClientSampleId :

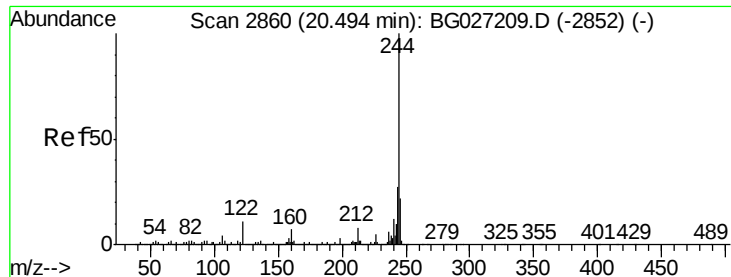
Tot Ion:188 Resp: 308532
Ion Ratio Lower Upper
188 100
94 11.5 5.8 8.8#
80 13.4 7.5 11.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.27 min Scan# 3162
Delta R.T. -0.04 min
Lab File: BG027360.D
Acq: 9 Jun 2017 23:24

Tgt Ion:240 Resp: 351807
Ion Ratio Lower Upper
240 100
120 11.9 5.7 8.5#
236 26.6 22.2 33.4





#78

Terphenyl-d14

Concen: 108.52 ng

RT: 20.46 min Scan# 2855

Delta R.T. -0.03 min

Lab File: BG027360.D

Acq: 9 Jun 2017 23:24

Instrument :

BNA_G

ClientSampleId :

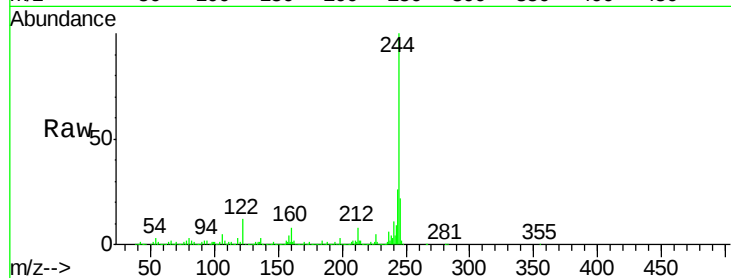
Tot Ion:244 Resp: 1496618

Ion Ratio Lower Upper

244 100

212 8.1 10.0 15.0#

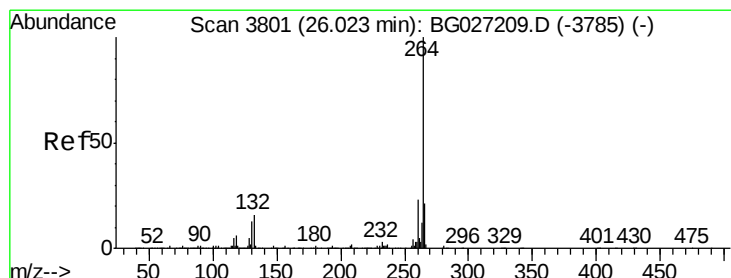
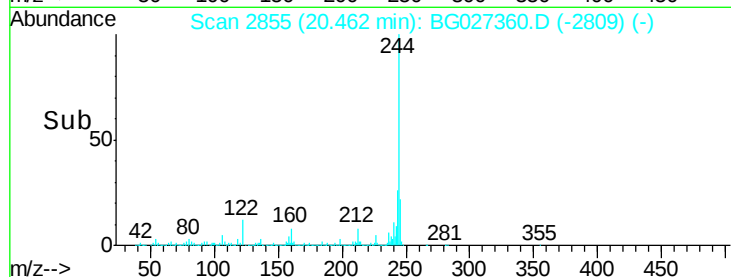
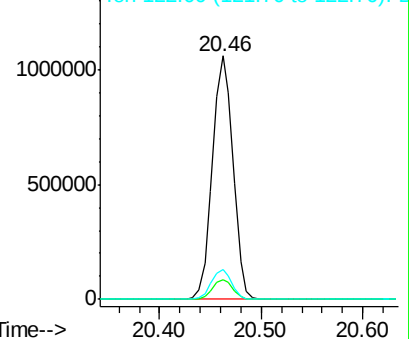
122 12.4 8.6 12.8



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: 25.95 min Scan# 3789

Delta R.T. -0.07 min

Lab File: BG027360.D

Acq: 9 Jun 2017 23:24

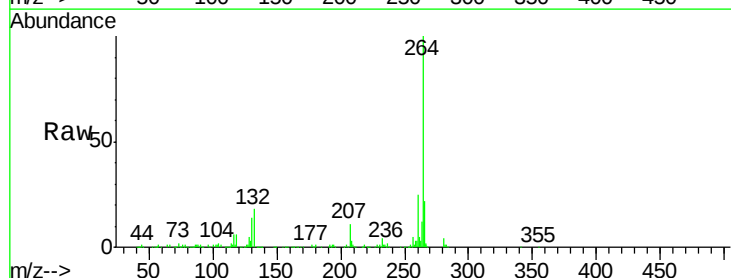
Tgt Ion:264 Resp: 332353

Ion Ratio Lower Upper

264 100

260 24.6 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

