

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060817\
 Data File : BG027319.D
 Acq On : 8 Jun 2017 16:22
 Operator : SJ/MA
 Sample : PB99585BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 08 17:43:06 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	43103	20.00	ng	-0.02
21) Naphthalene-d8	11.38	136	205248	20.00	ng	-0.02
38) Acenaphthene-d10	15.14	164	135069	20.00	ng	-0.02
63) Phenanthrene-d10	17.89	188	341819	20.00	ng	-0.03
75) Chrysene-d12	22.27	240	386748	20.00	ng	-0.04
86) Perylene-d12	25.95	264	358391	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	434336	153.77	ng	-0.01
7) Phenol-d6	7.69	99	617780	149.00	ng	-0.01
23) Nitrobenzene-d5	9.72	82	342599	104.98	ng	-0.02
41) 2,4,6-Tribromophenol	16.62	330	274524	154.35	ng	-0.02
44) 2-Fluorobiphenyl	13.77	172	838829	86.88	ng	-0.02
78) Terphenyl-d14	20.46	244	1445959	95.38	ng	-0.03

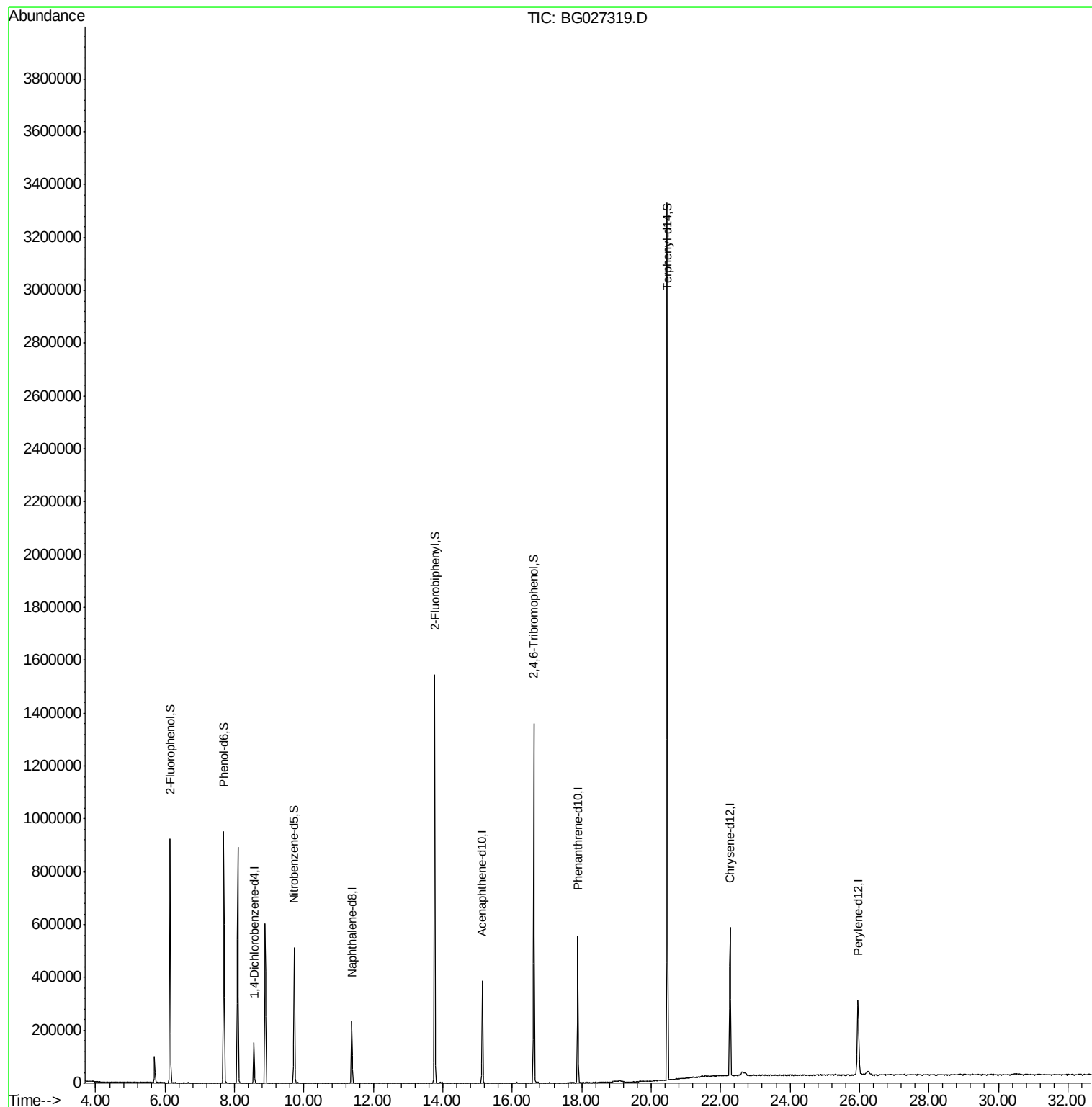
Target Compounds Qvalue

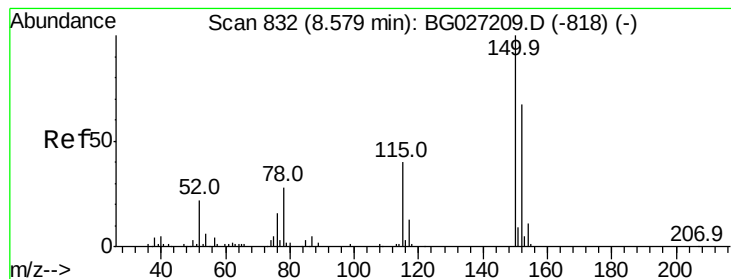
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG027319.D

Acq: 8 Jun 2017 16:22

Instrument :

BNA_G

ClientSampleId :

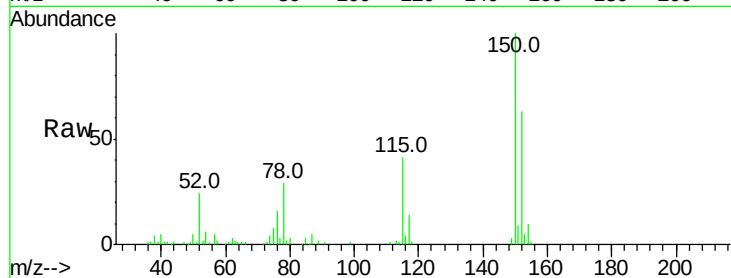
Tot Ion:152 Resp: 43103

Ion Ratio Lower Upper

152 100

150 157.6 114.0 171.0

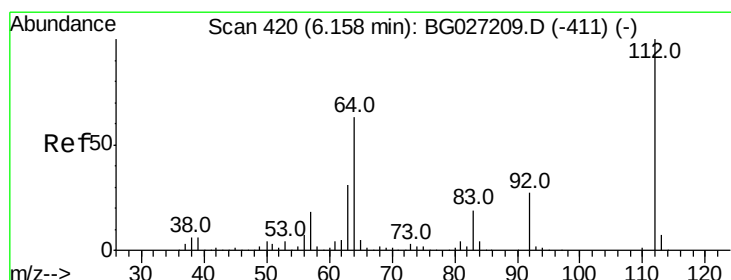
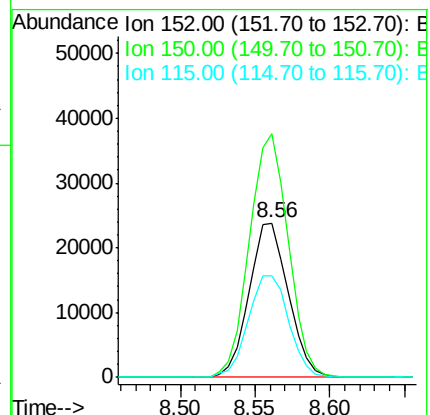
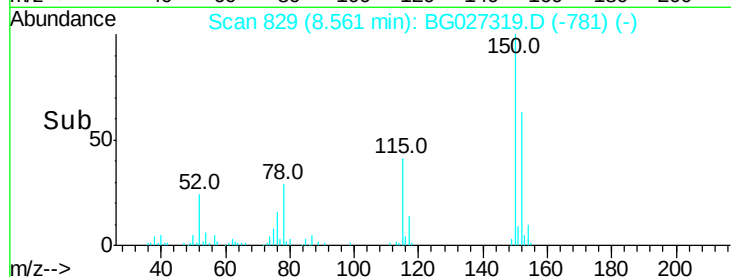
115 65.4 48.1 72.1



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: 153.77 ng

RT: 6.15 min Scan# 418

Delta R.T. -0.01 min

Lab File: BG027319.D

Acq: 8 Jun 2017 16:22

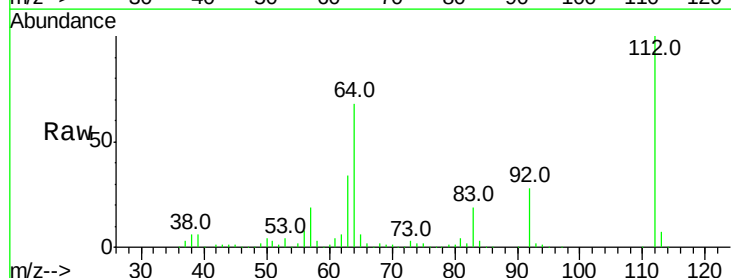
Tgt Ion:112 Resp: 434336

Ion Ratio Lower Upper

112 100

64 68.1 61.8 92.6

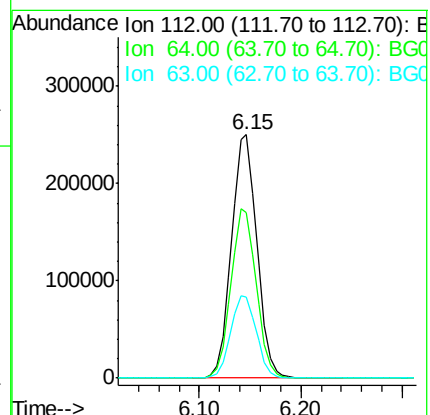
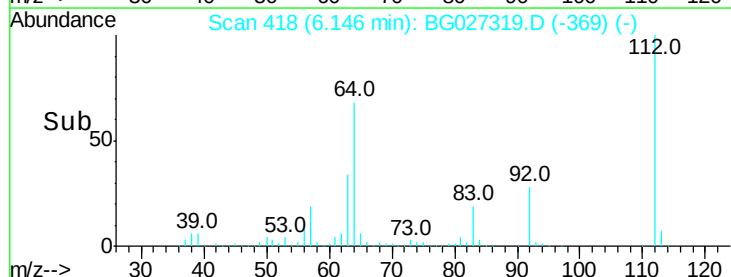
63 33.5 37.2 55.8#

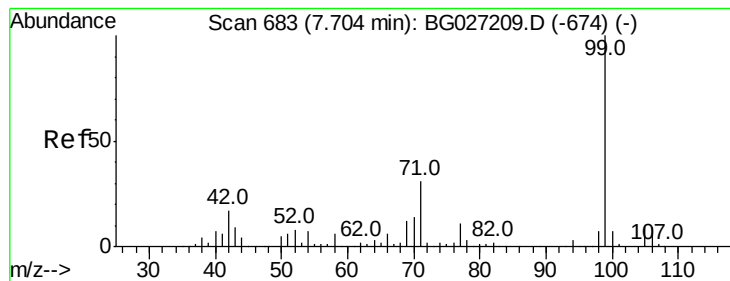


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 149.00 ng

RT: 7.69 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG027319.D

Acq: 8 Jun 2017 16:22

Instrument :

BNA_G

ClientSampleId :

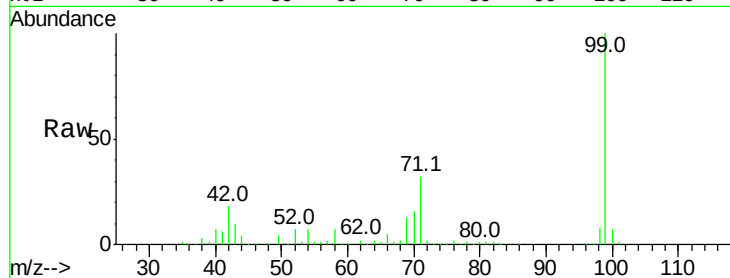
Tot Ion: 99 Resp: 617780

Ion Ratio Lower Upper

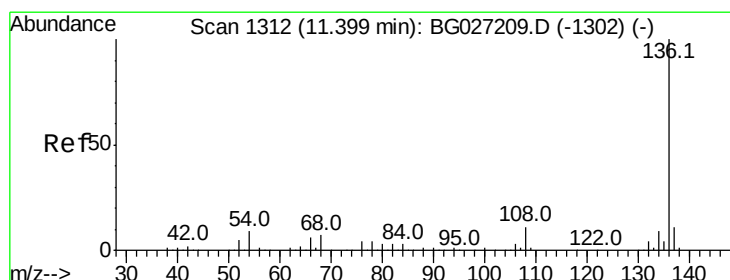
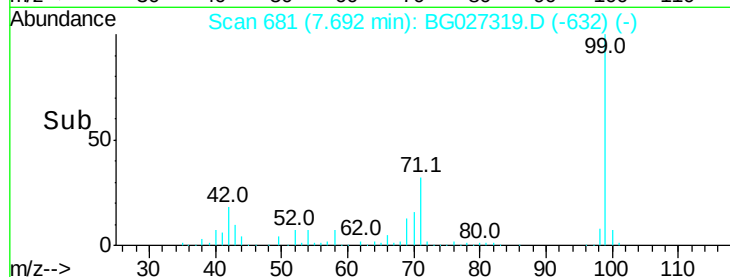
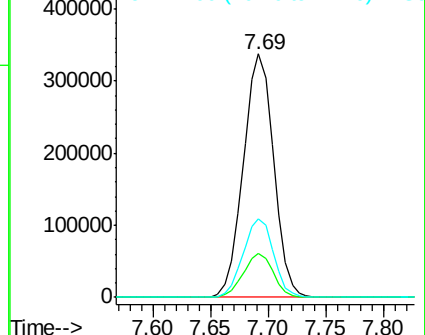
99 100

42 18.0 20.5 30.7#

71 32.4 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.38 min Scan# 1308

Delta R.T. -0.02 min

Lab File: BG027319.D

Acq: 8 Jun 2017 16:22

Tgt Ion: 136 Resp: 205248

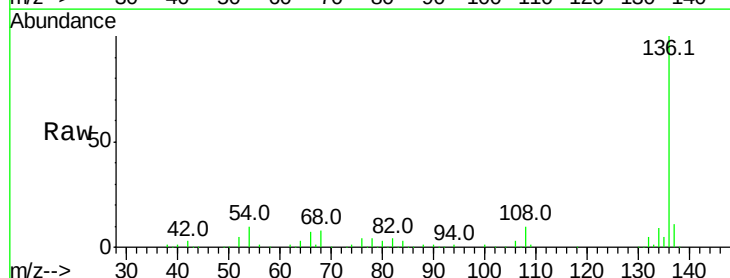
Ion Ratio Lower Upper

136 100

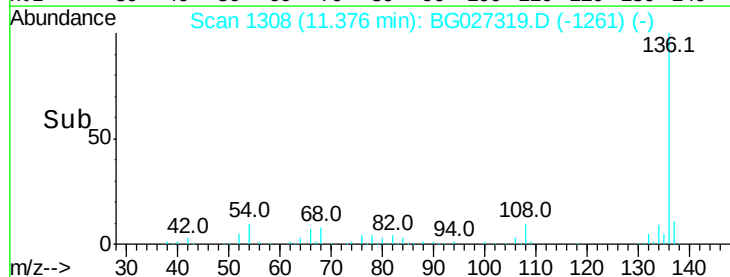
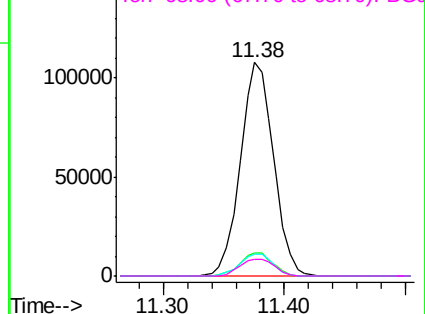
137 10.5 8.9 13.3

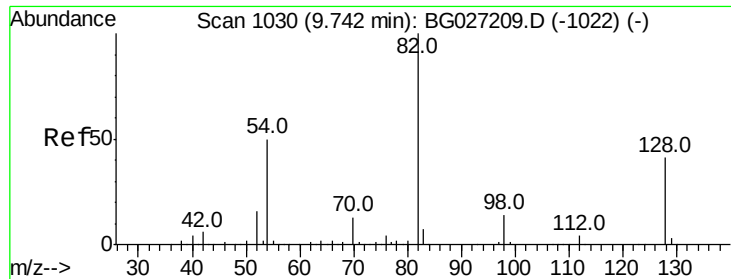
54 10.5 9.3 13.9

68 8.0 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

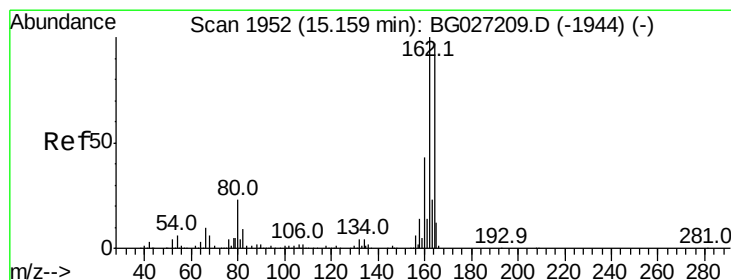
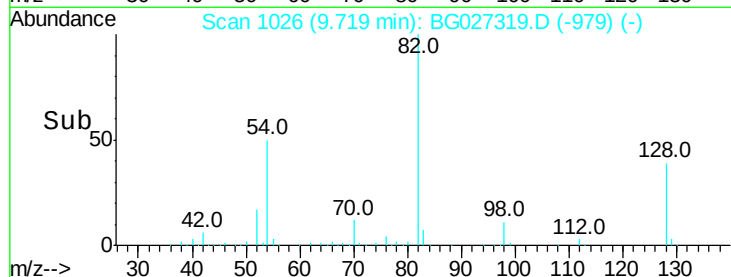
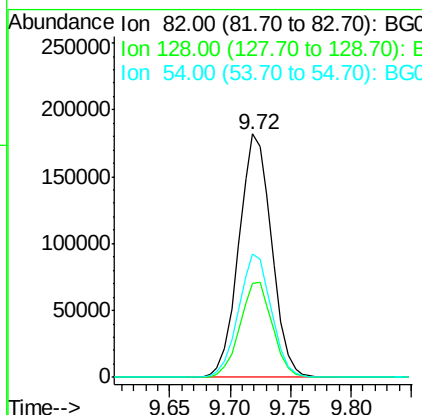
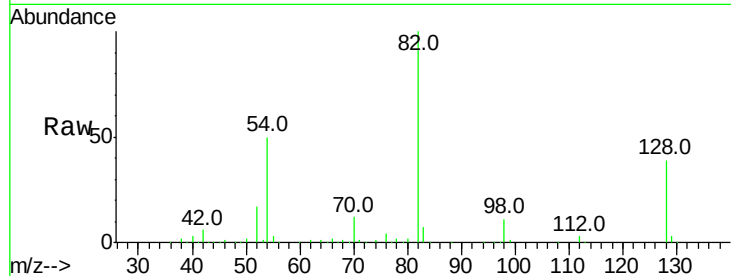




#23
 Nitrobenzene-d5
 Concen: 104.98 ng
 RT: 9.72 min Scan# 1026
 Delta R.T. -0.02 min
 Lab File: BG027319.D
 Acq: 8 Jun 2017 16:22

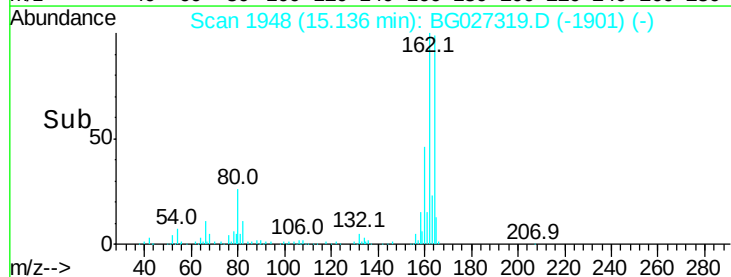
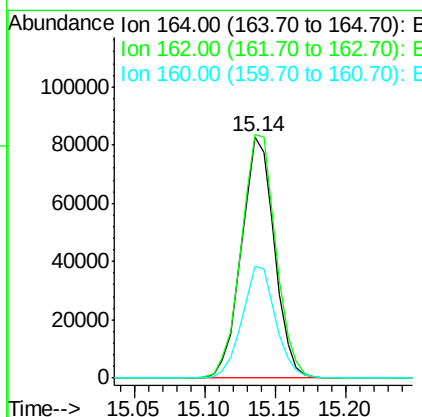
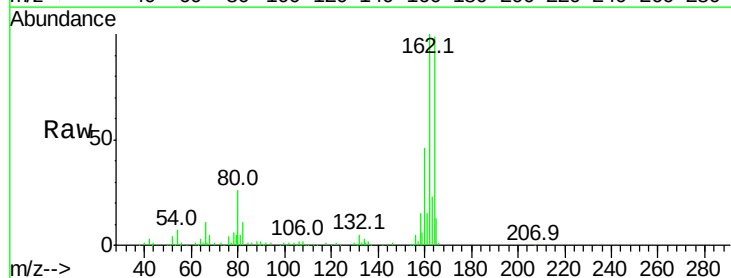
Instrument :
 BNA_G
 ClientSampled :

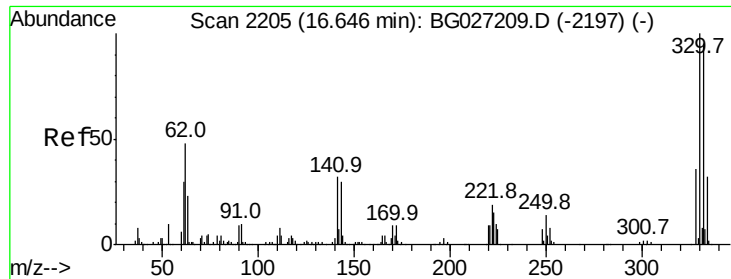
Tot Ion	82	Resp	342599
Ion	Ratio	Lower	Upper
82	100		
128	38.6	26.4	39.6
54	50.5	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.14 min Scan# 1948
 Delta R.T. -0.02 min
 Lab File: BG027319.D
 Acq: 8 Jun 2017 16:22

Tgt Ion	164	Resp	135069
Ion	Ratio	Lower	Upper
164	100		
162	100.8	85.1	127.7
160	46.1	34.7	52.1

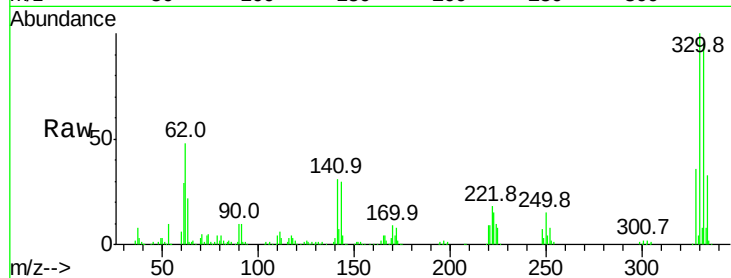




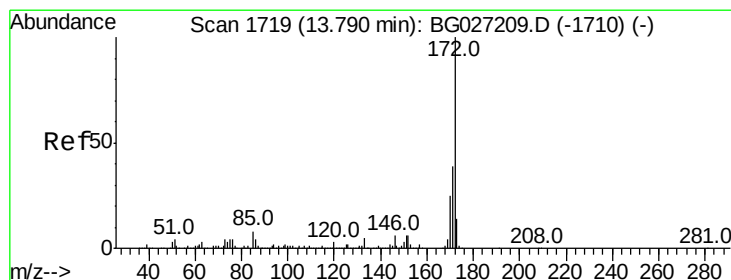
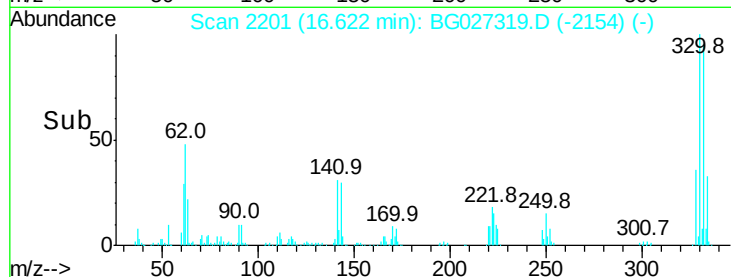
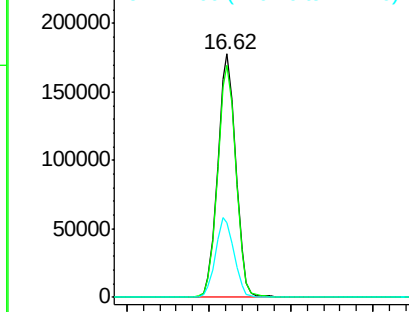
#41
 2,4,6-Tribromophenol
 Concen: 154.35 ng
 RT: 16.62 min Scan# 2201
 Delta R.T. -0.02 min
 Lab File: BG027319.D
 Acq: 8 Jun 2017 16:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 274524
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.3 115.9
 141 33.5 32.1 48.1

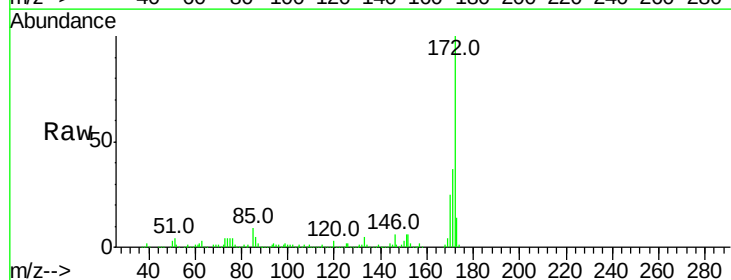


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

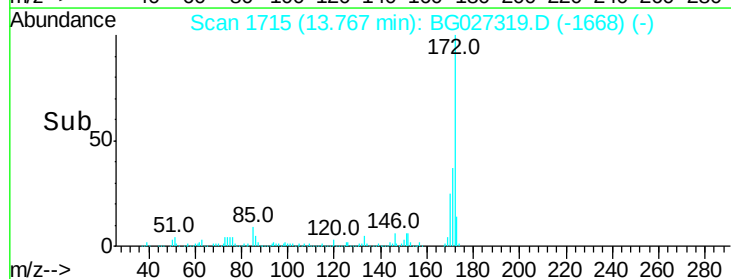
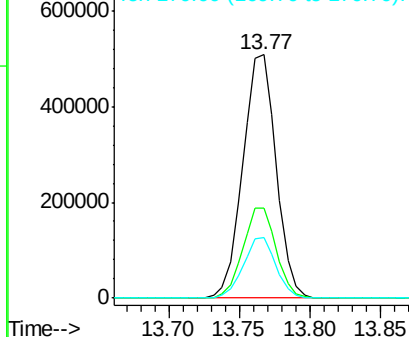


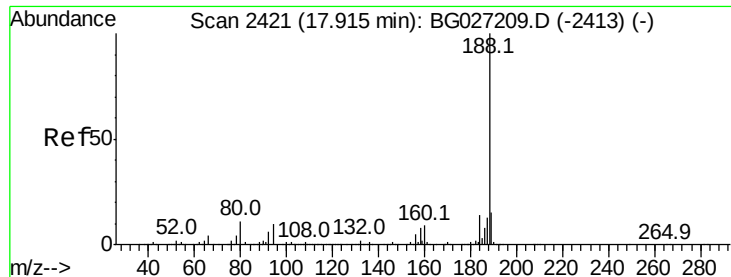
#44
 2-Fluorobiphenyl
 Concen: 86.88 ng
 RT: 13.77 min Scan# 1715
 Delta R.T. -0.02 min
 Lab File: BG027319.D
 Acq: 8 Jun 2017 16:22

Tgt Ion:172 Resp: 838829
 Ion Ratio Lower Upper
 172 100
 171 37.0 32.2 48.2
 170 24.8 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

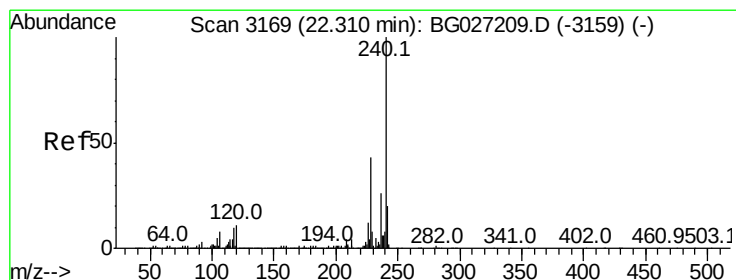
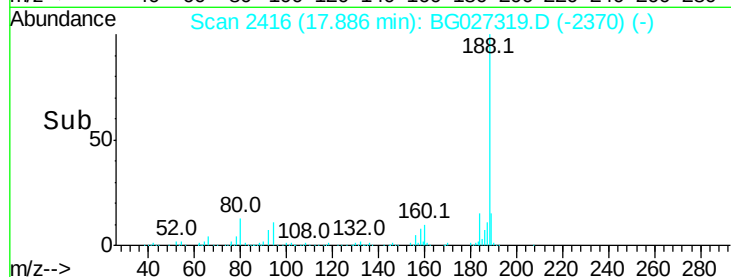
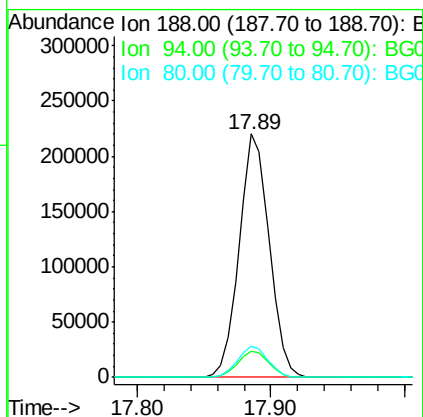
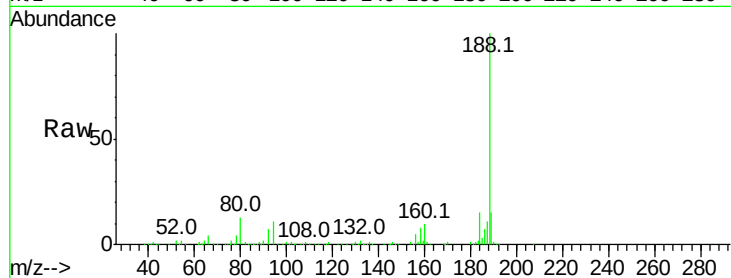




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.89 min Scan# 2416
Delta R.T. -0.03 min
Lab File: BG027319.D
Acq: 8 Jun 2017 16:22

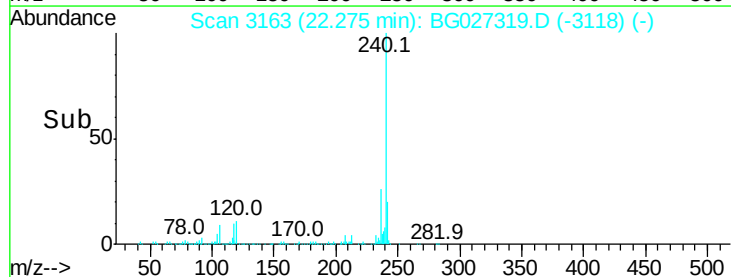
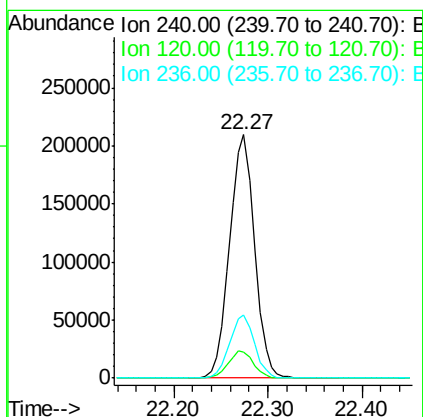
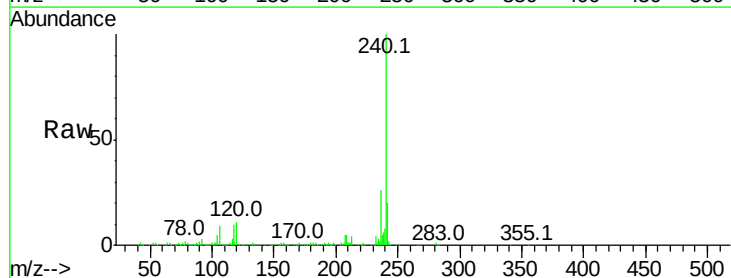
Instrument :
BNA_G
ClientSampleId :

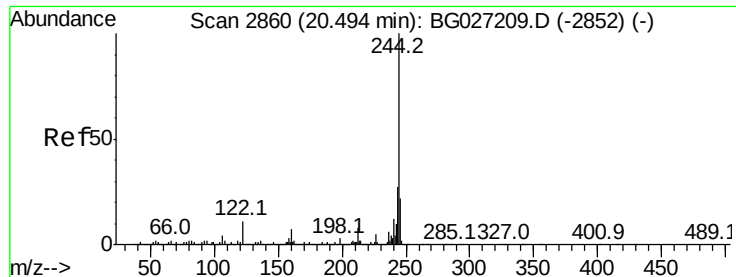
Tot Ion:188 Resp: 341819
Ion Ratio Lower Upper
188 100
94 10.9 5.8 8.8#
80 12.8 7.5 11.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.27 min Scan# 3163
Delta R.T. -0.04 min
Lab File: BG027319.D
Acq: 8 Jun 2017 16:22

Tgt Ion:240 Resp: 386748
Ion Ratio Lower Upper
240 100
120 10.6 5.7 8.5#
236 25.7 22.2 33.4





#78

Terphenyl-d14

Concen: 95.38 ng

RT: 20.46 min Scan# 2855

Delta R.T. -0.03 min

Lab File: BG027319.D

Acq: 8 Jun 2017 16:22

Instrument :

BNA_G

ClientSampleId :

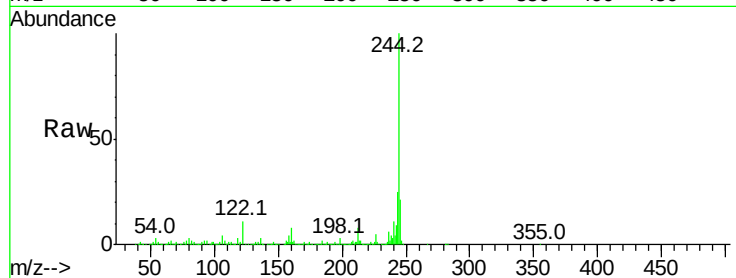
Tot Ion:244 Resp: 1445959

Ion Ratio Lower Upper

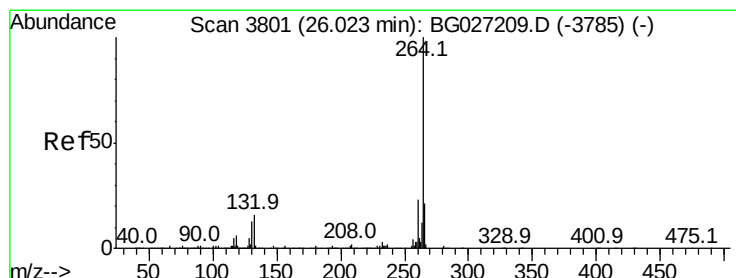
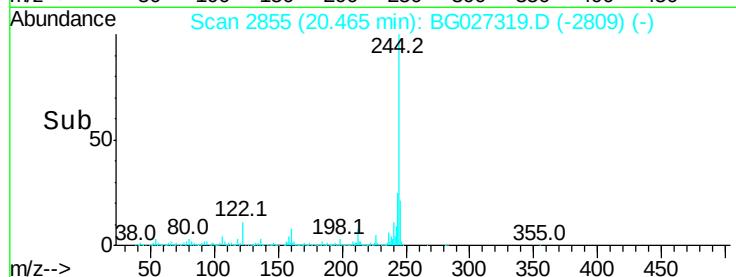
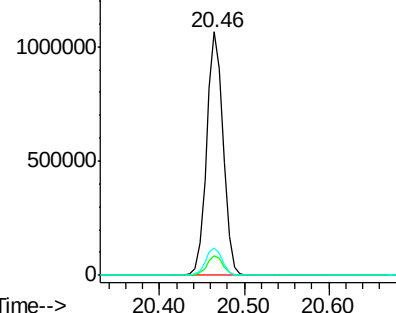
244 100

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: 25.95 min Scan# 3789

Delta R.T. -0.07 min

Lab File: BG027319.D

Acq: 8 Jun 2017 16:22

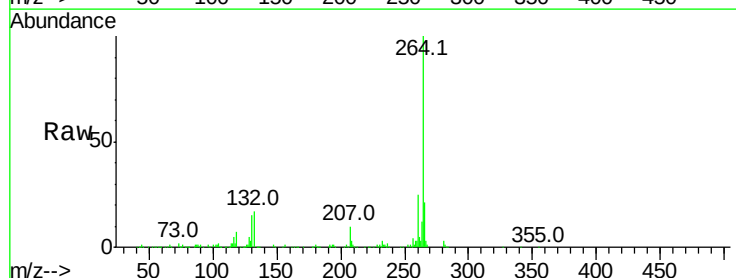
Tgt Ion:264 Resp: 358391

Ion Ratio Lower Upper

264 100

260 24.5 21.8 32.8

265 21.5 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

