

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\
 Data File : BG022406.D
 Acq On : 18 Jun 2016 3:14
 Operator : UM/SJ
 Sample : H3514-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S5-B200-C

Quant Time: Jun 18 04:23:37 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 17:40:23 2016
 Response via : Initial Calibration

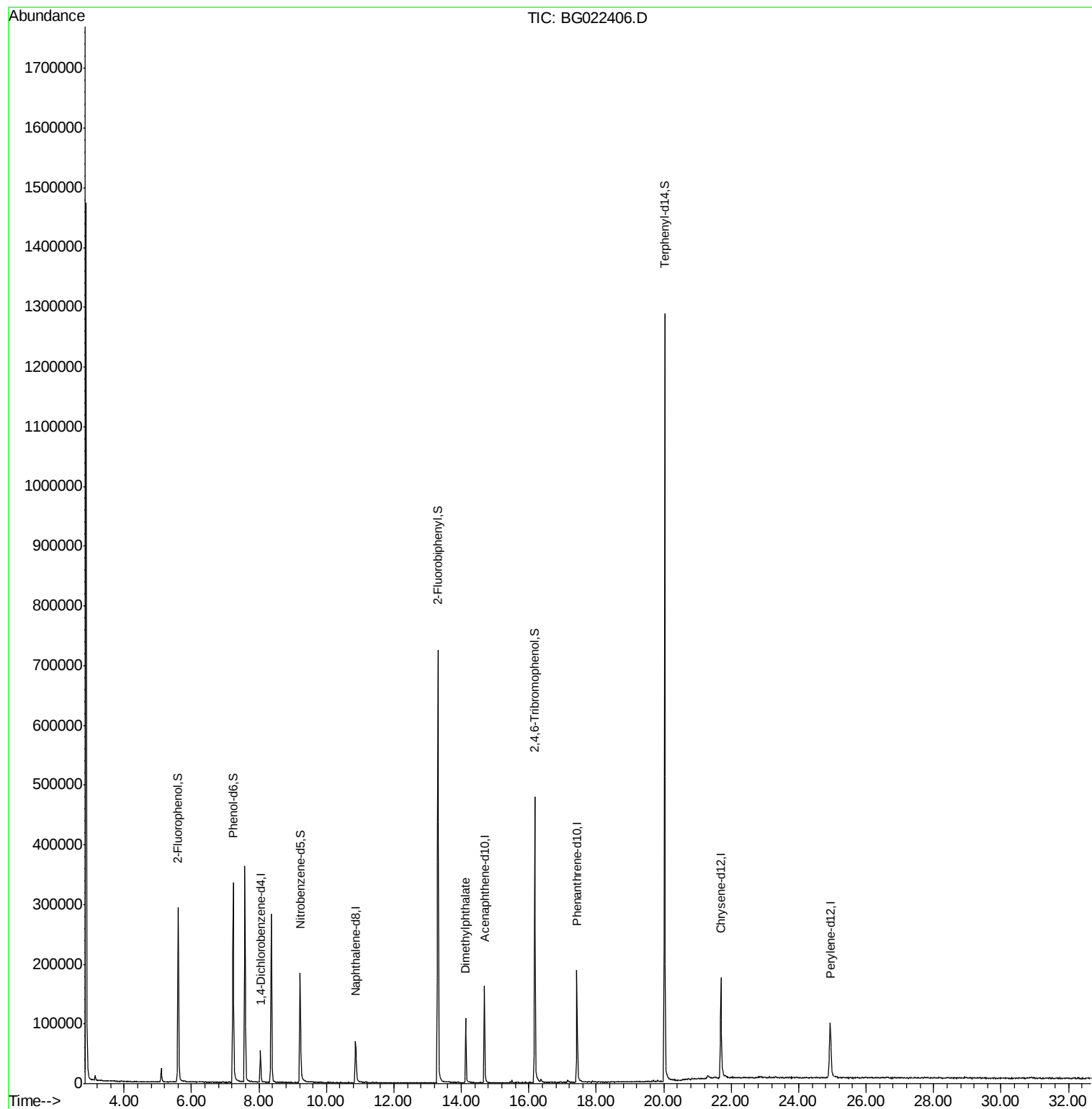
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	20380	20.00	ng	-0.05
21) Naphthalene-d8	10.86	136	94959	20.00	ng	-0.04
38) Acenaphthene-d10	14.68	164	63268	20.00	ng	-0.04
63) Phenanthrene-d10	17.43	188	141348	20.00	ng	-0.04
75) Chrysene-d12	21.69	240	127423	20.00	ng	-0.05
86) Perylene-d12	24.94	264	112277	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	203109	192.69	ng	-0.03
7) Phenol-d6	7.23	99	298725	180.25	ng	-0.02
23) Nitrobenzene-d5	9.22	82	159380	117.01	ng	-0.04
41) 2,4,6-Tribromophenol	16.18	330	102584	143.49	ng	-0.04
44) 2-Fluorobiphenyl	13.30	172	438058	105.52	ng	-0.04
78) Terphenyl-d14	20.02	244	589954	109.92	ng	-0.04
Target Compounds						
49) Dimethylphthalate	14.13	163	97285	18.55	ng	Qvalue 99

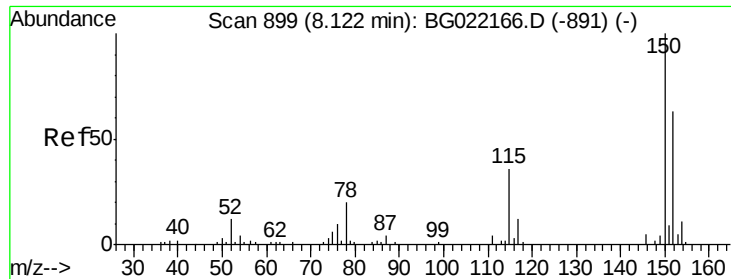
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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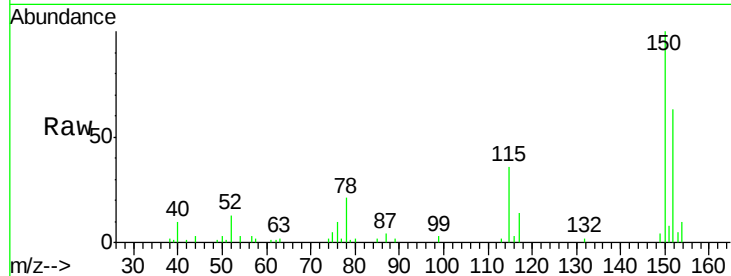


#1

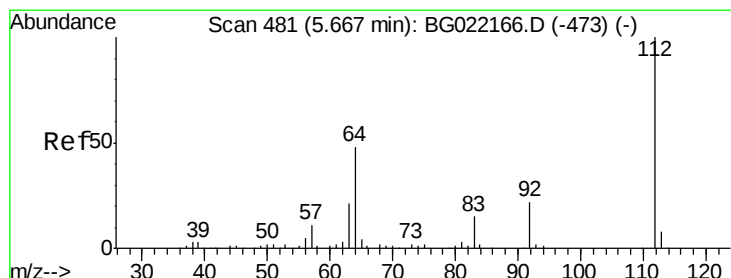
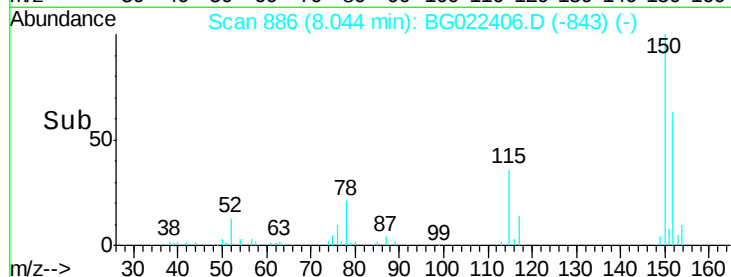
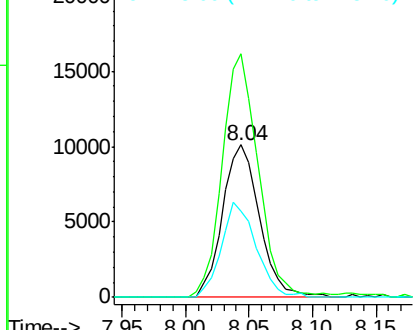
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 886
Delta R.T. -0.05 min
Lab File: BG022406.D
Acq: 18 Jun 2016 3:14

Instrument :
BNA_G
ClientSampleId :
S5-B200-C

Tot Ion:152 Resp: 20380
Ion Ratio Lower Upper
152 100
150 160.0 130.1 195.1
115 56.8 62.2 93.2#



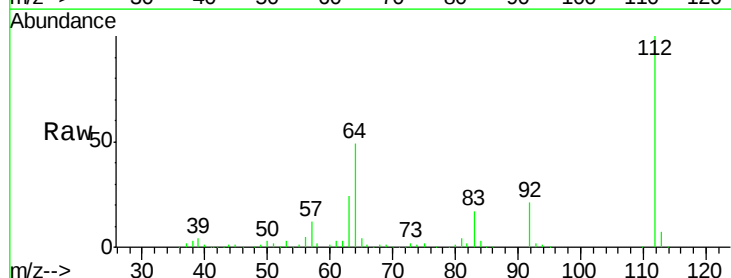
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



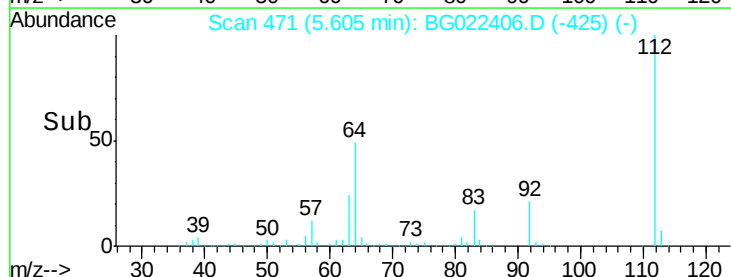
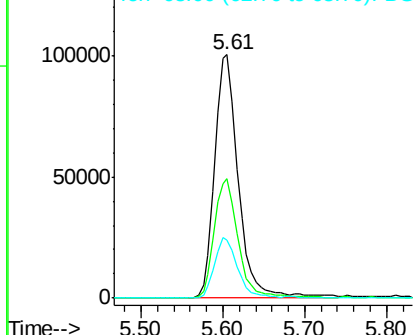
#5

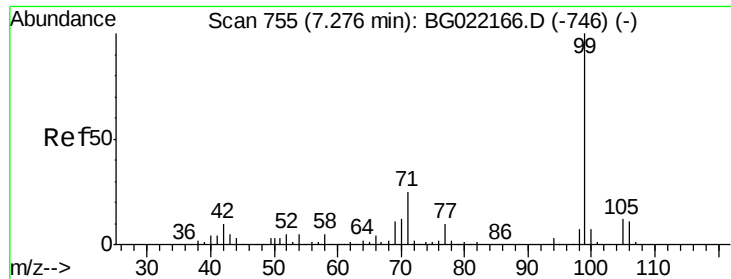
2-Fluorophenol
Concen: 192.69 ng
RT: 5.61 min Scan# 471
Delta R.T. -0.03 min
Lab File: BG022406.D
Acq: 18 Jun 2016 3:14

Tgt Ion:112 Resp: 203109
Ion Ratio Lower Upper
112 100
64 49.3 51.1 76.7#
63 23.7 24.6 37.0#



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: 180.25 ng

RT: 7.23 min Scan# 748

Delta R.T. -0.02 min

Lab File: BG022406.D

Acq: 18 Jun 2016 3:14

Instrument :

BNA_G

ClientSampleId :

S5-B200-C

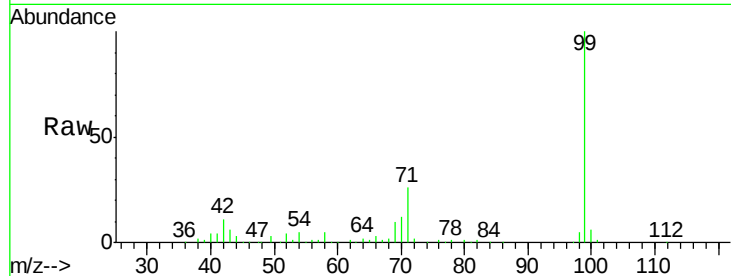
Tot Ion: 99 Resp: 298725

Ion Ratio Lower Upper

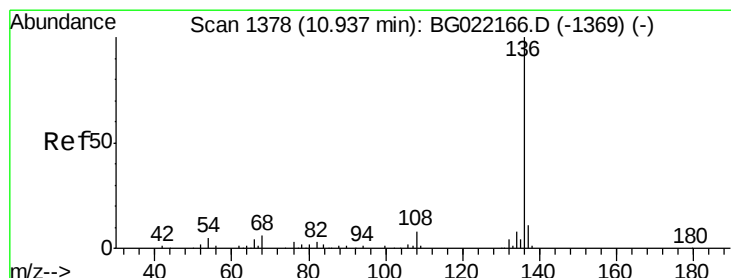
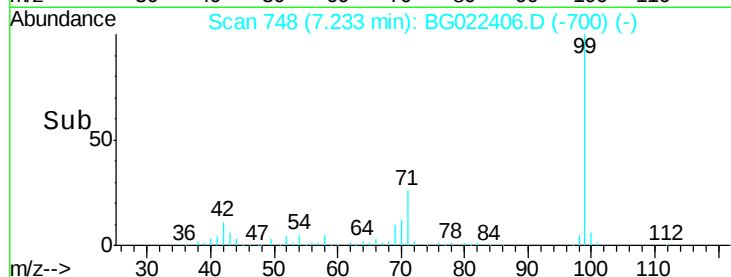
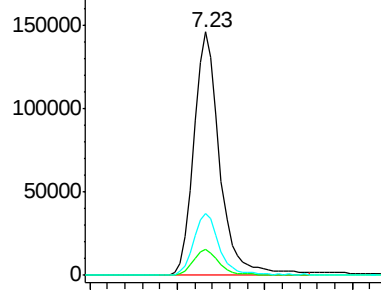
99 100

42 10.7 16.4 24.6#

71 25.5 25.0 37.4



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: 10.86 min Scan# 1366

Delta R.T. -0.04 min

Lab File: BG022406.D

Acq: 18 Jun 2016 3:14

Tgt Ion: 136 Resp: 94959

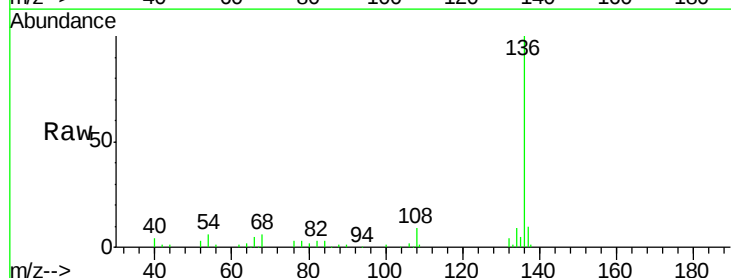
Ion Ratio Lower Upper

136 100

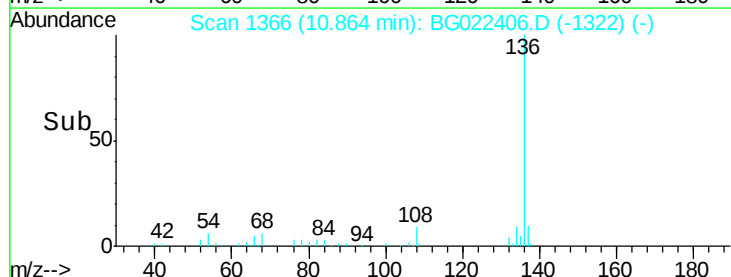
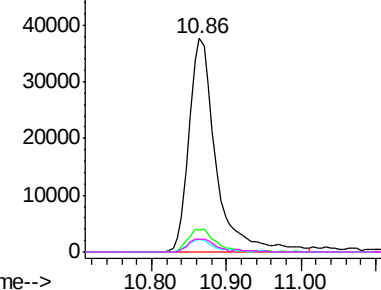
137 10.4 9.0 13.4

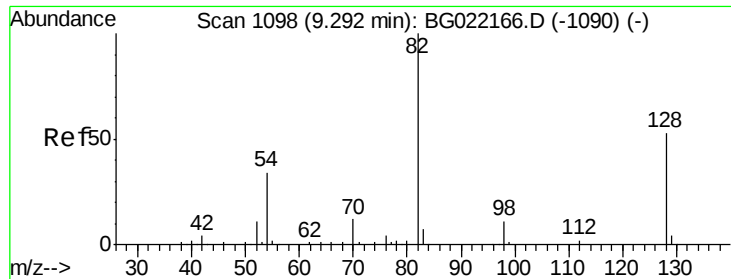
54 6.3 9.6 14.4#

68 6.1 6.4 9.6#



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

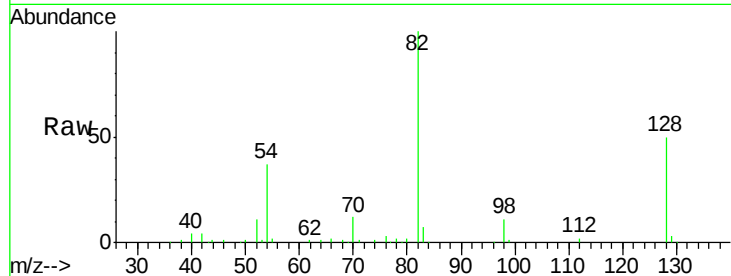




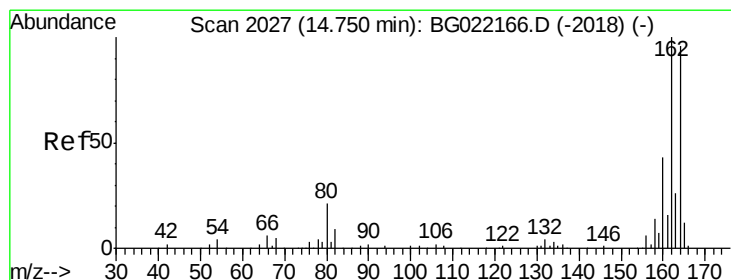
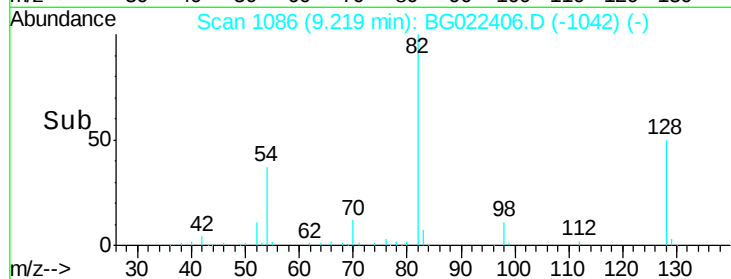
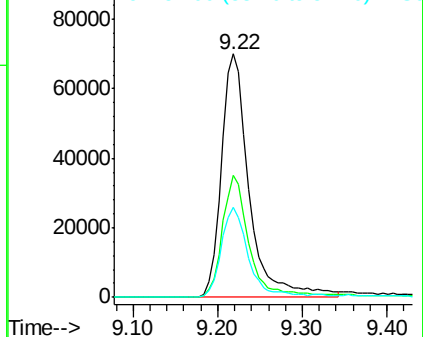
#23
 Nitrobenzene-d5
 Concen: 117.01 ng
 RT: 9.22 min Scan# 1086
 Delta R.T. -0.04 min
 Lab File: BG022406.D
 Acq: 18 Jun 2016 3:14

Instrument :
 BNA_G
 ClientSampleId :
 S5-B200-C

Tot Ion: 82 Resp: 159380
 Ion Ratio Lower Upper
 82 100
 128 49.9 33.4 50.0
 54 37.0 46.1 69.1#

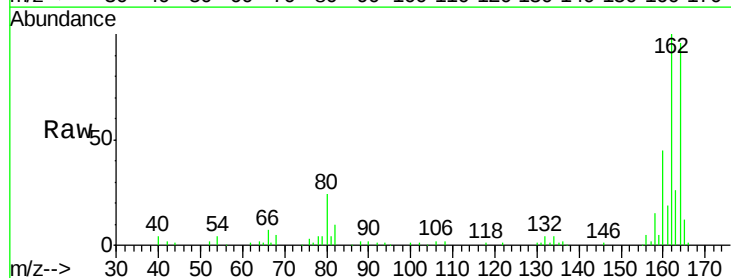


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

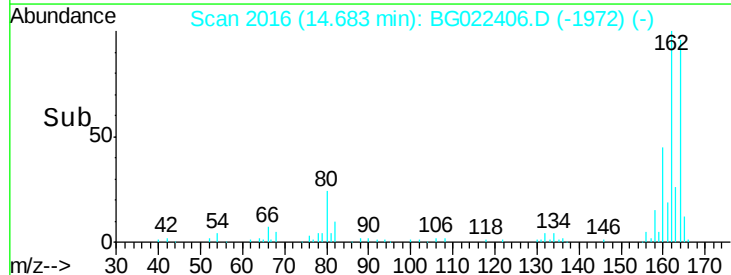
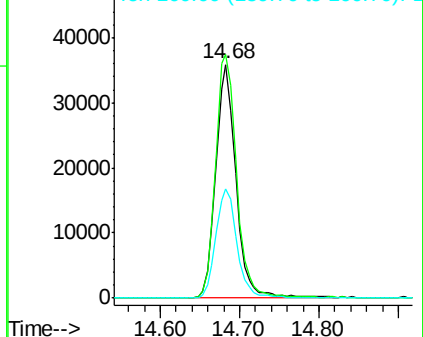


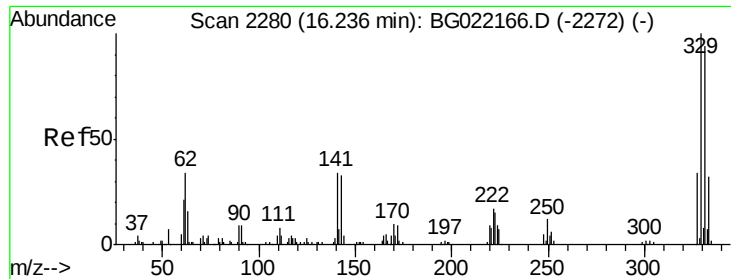
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.68 min Scan# 2016
 Delta R.T. -0.04 min
 Lab File: BG022406.D
 Acq: 18 Jun 2016 3:14

Tgt Ion:164 Resp: 63268
 Ion Ratio Lower Upper
 164 100
 162 104.3 78.0 117.0
 160 47.0 32.9 49.3



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

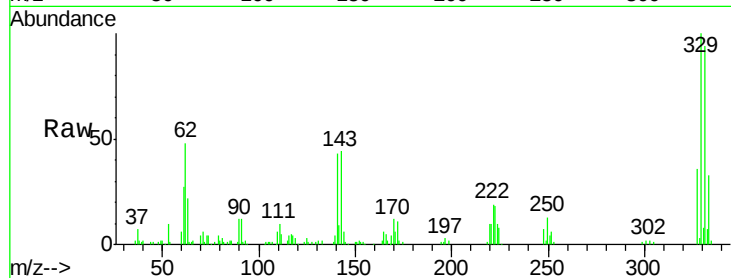




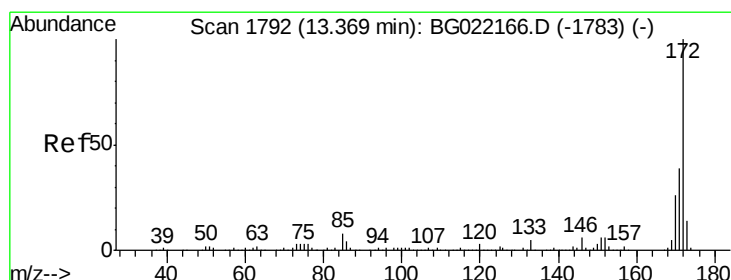
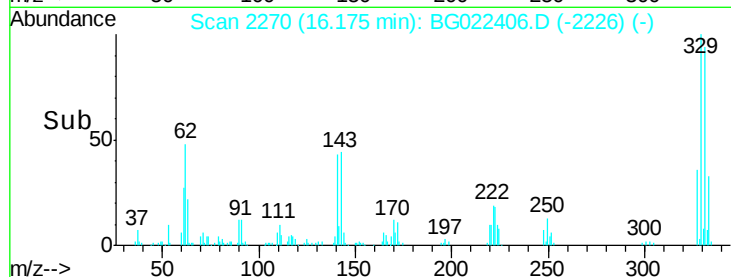
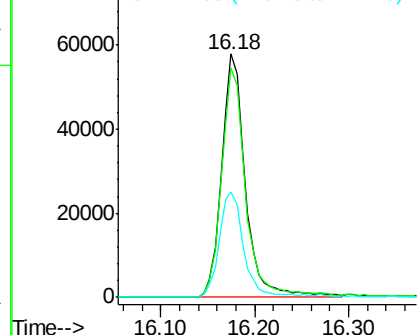
#41
 2,4,6-Tribromophenol
 Concen: 143.49 ng
 RT: 16.18 min Scan# 2270
 Delta R.T. -0.04 min
 Lab File: BG022406.D
 Acq: 18 Jun 2016 3:14

Instrument :
 BNA_G
 ClientSampleId :
 S5-B200-C

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	78.0	117.0
141	45.5	33.8	50.8

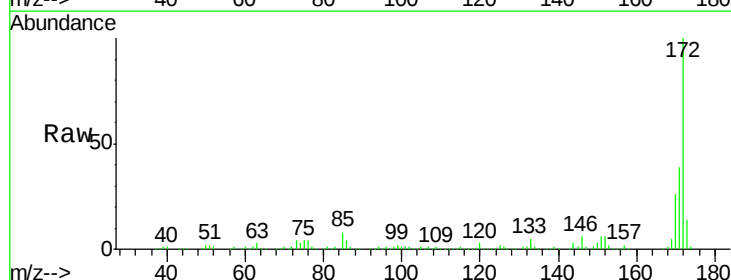


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

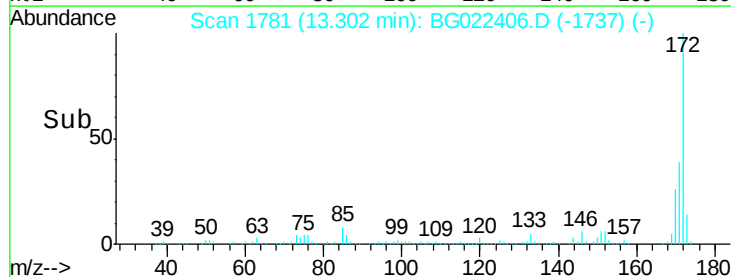
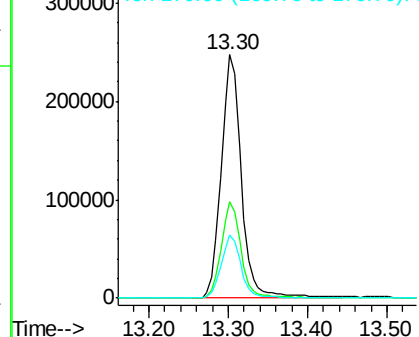


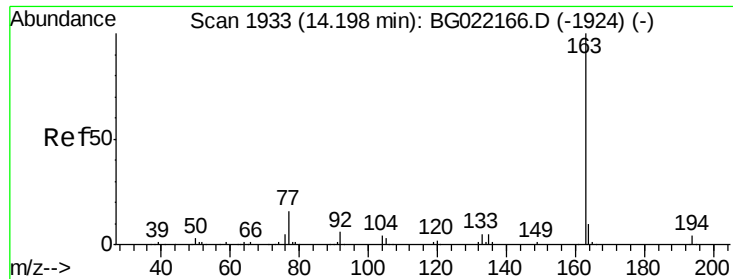
#44
 2-Fluorobiphenyl
 Concen: 105.52 ng
 RT: 13.30 min Scan# 1781
 Delta R.T. -0.04 min
 Lab File: BG022406.D
 Acq: 18 Jun 2016 3:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.4	27.8	41.6
170	25.8	19.6	29.4



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





#49

Dimethylphthalate

Concen: 18.55 ng

RT: 14.13 min Scan# 1922

Delta R.T. -0.04 min

Lab File: BG022406.D

Acq: 18 Jun 2016 3:14

Instrument :

BNA_G

ClientSampleId :

S5-B200-C

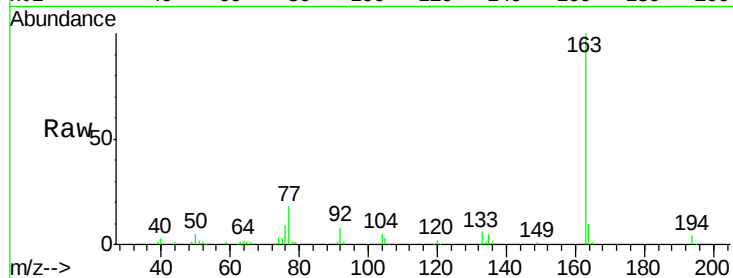
Tot Ion:163 Resp: 97285

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

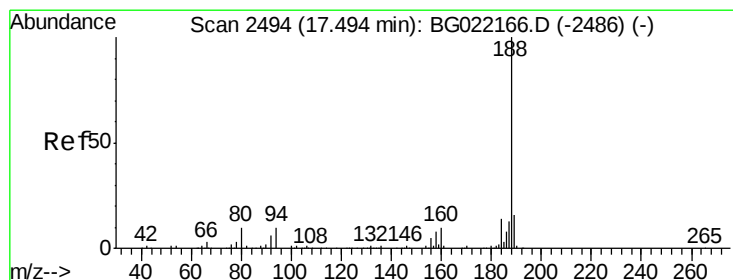
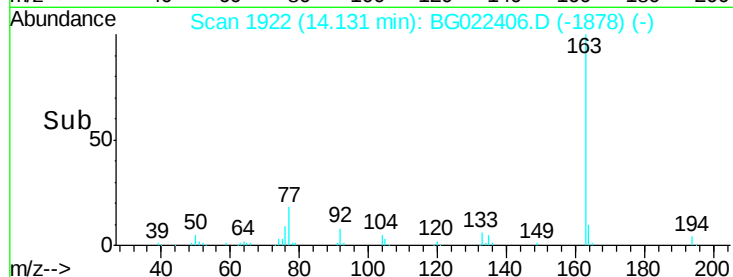
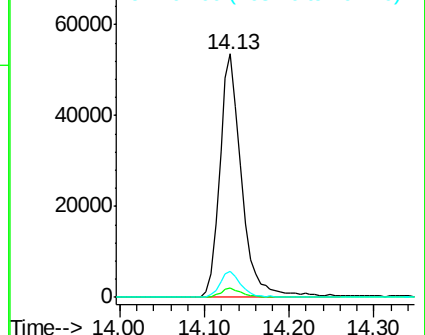
164 10.5 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.43 min Scan# 2483

Delta R.T. -0.04 min

Lab File: BG022406.D

Acq: 18 Jun 2016 3:14

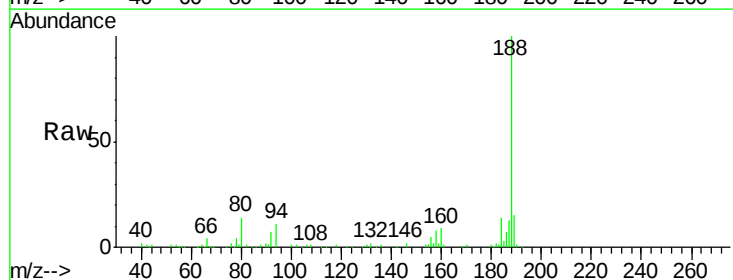
Tgt Ion:188 Resp: 141348

Ion Ratio Lower Upper

188 100

94 10.8 7.5 11.3

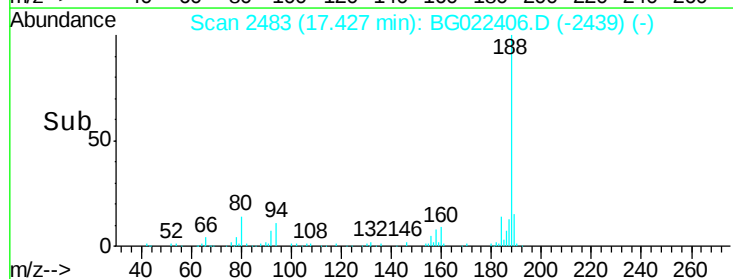
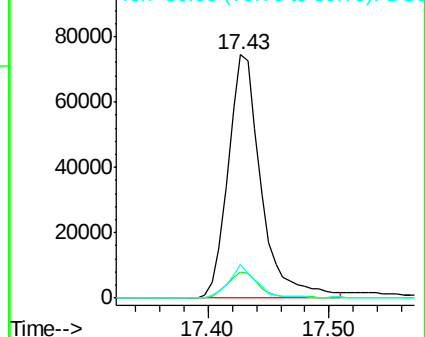
80 13.6 8.6 13.0#

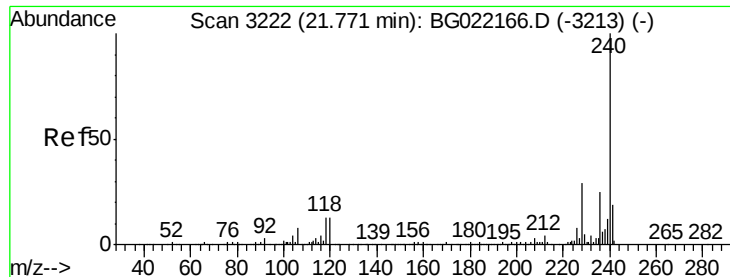


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.69 min Scan# 3209

Delta R.T. -0.05 min

Lab File: BG022406.D

Acq: 18 Jun 2016 3:14

Instrument :

BNA_G

ClientSampleId :

S5-B200-C

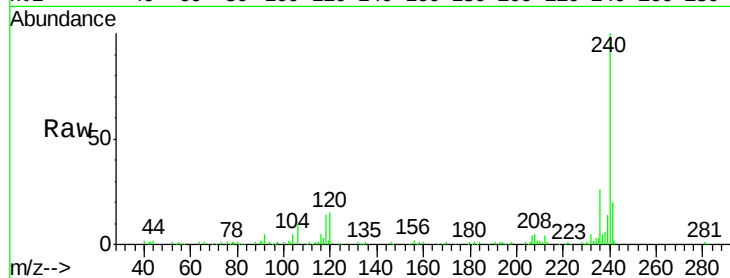
Tot Ion:240 Resp: 127423

Ion Ratio Lower Upper

240 100

120 14.6 8.4 12.6#

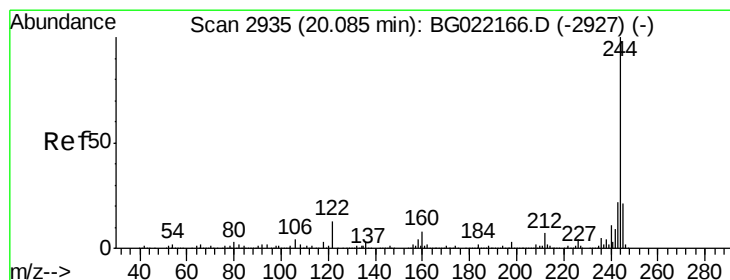
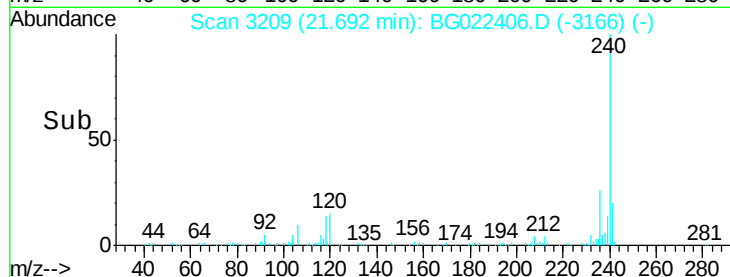
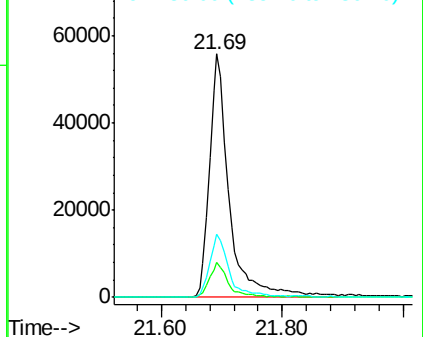
236 25.8 19.6 29.4



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: 109.92 ng

RT: 20.02 min Scan# 2925

Delta R.T. -0.04 min

Lab File: BG022406.D

Acq: 18 Jun 2016 3:14

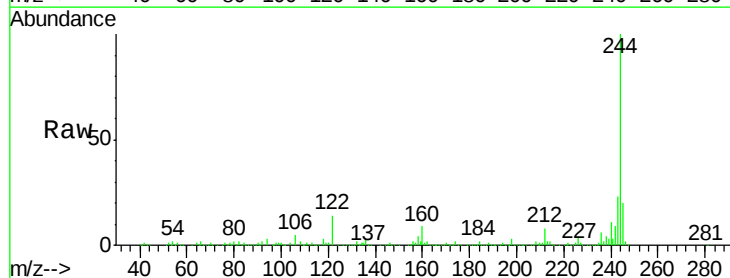
Tgt Ion:244 Resp: 589954

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

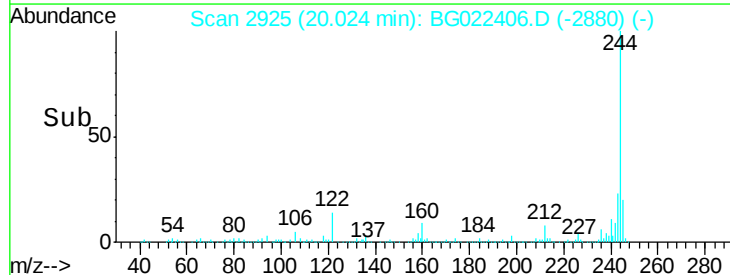
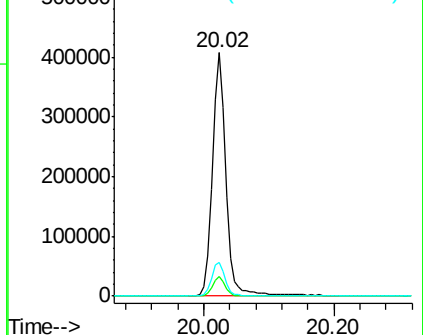
122 14.1 8.6 12.8#

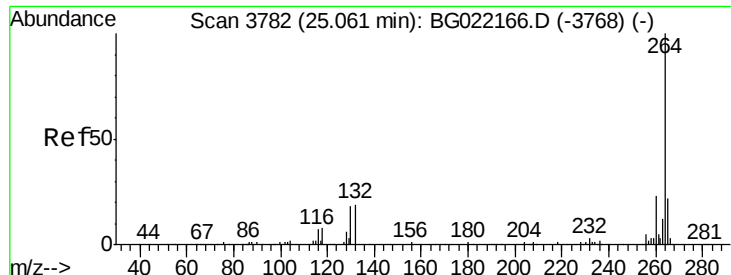


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 24.94 min Scan# 3761
 Delta R.T. -0.08 min
 Lab File: BG022406.D
 Acq: 18 Jun 2016 3:14

Instrument :
 BNA_G
 ClientSampleId :
 S5-B200-C

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	25.4	20.2	30.4	
265	20.9	17.8	26.8	

