

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120315\
 Data File : BG019886.D
 Acq On : 4 Dec 2015 1:12
 Operator : UM/NP
 Sample : G4598-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 113015-A263-F-U-S

Quant Time: Dec 04 02:54:47 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	25071	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	108292	20.00	ng	-0.01
38) Acenaphthene-d10	14.75	164	80023	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	208696	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	258033	20.00	ng	-0.02
86) Perylene-d12	25.06	264	243736	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	62643	45.16	ng	0.00
7) Phenol-d6	7.26	99	58731	28.04	ng	-0.02
23) Nitrobenzene-d5	9.29	82	209396	98.68	ng	-0.01
41) 2,4,6-Tribromophenol	16.24	330	107476	87.78	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	538745	91.92	ng	-0.01
78) Terphenyl-d14	20.10	244	972872	91.96	ng	-0.02

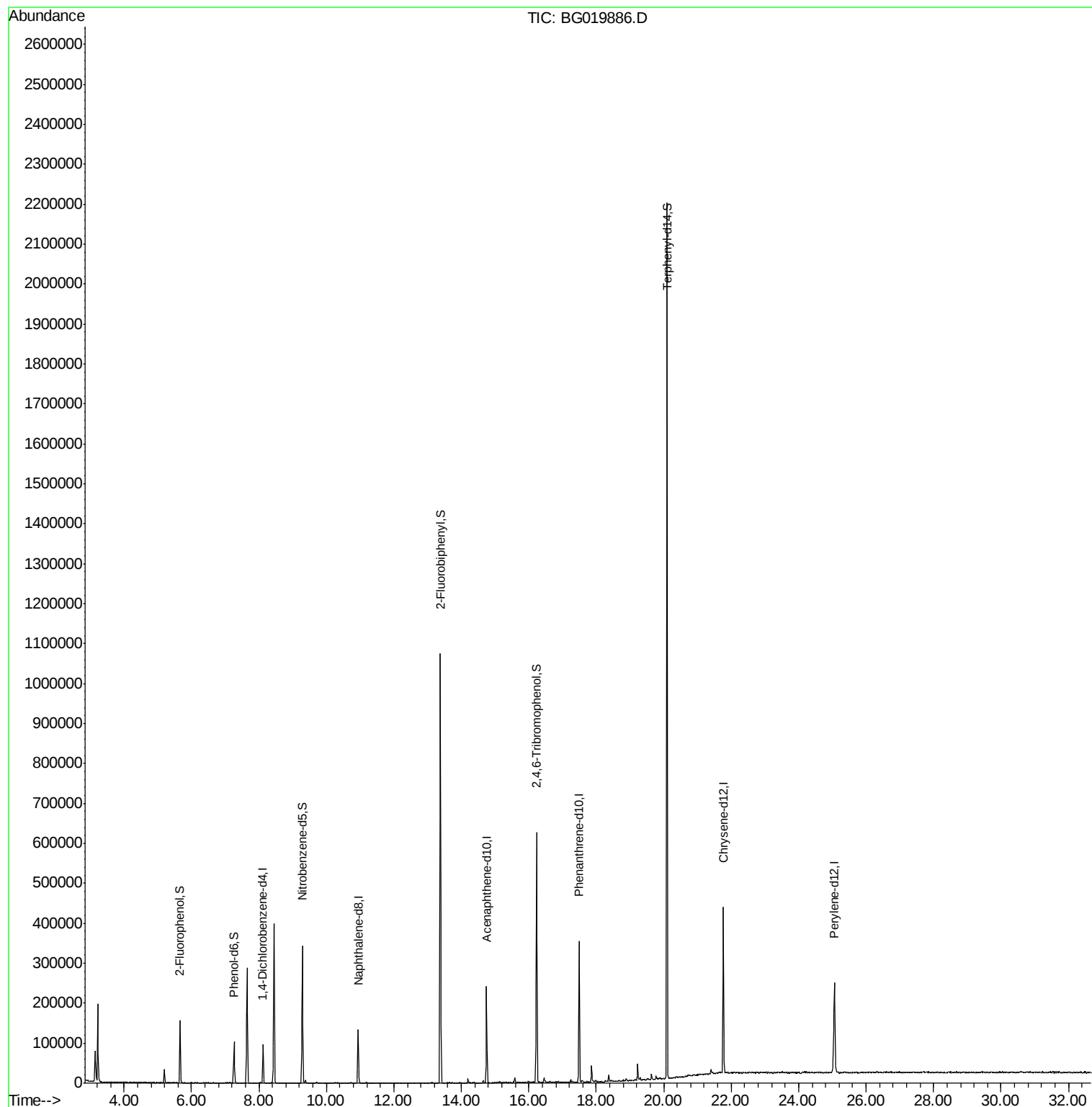
Target Compounds Qvalue

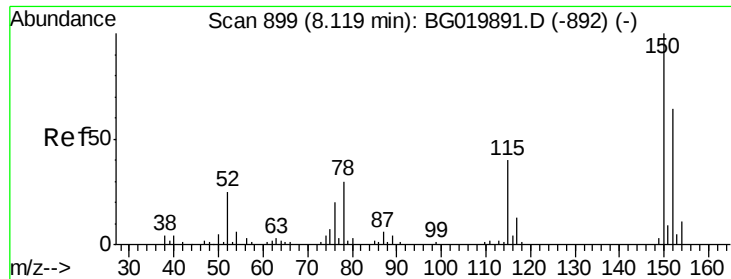
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 899

Delta R.T. -0.02 min

Lab File: BG019886.D

Acq: 4 Dec 2015 1:12

Instrument :

BNA_G

ClientSampleId :

113015-A263-F-U-S

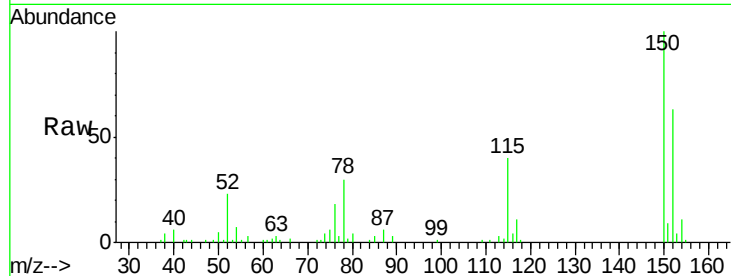
Tot Ion:152 Resp: 25071

Ion Ratio Lower Upper

152 100

150 157.6 115.0 172.4

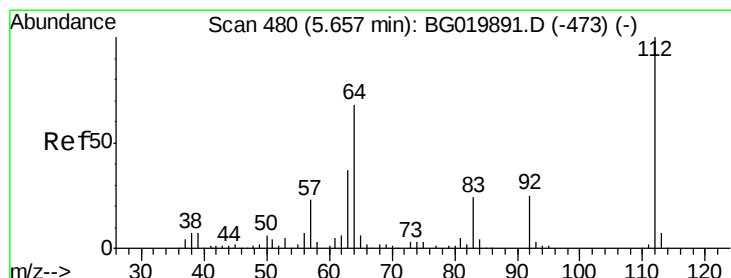
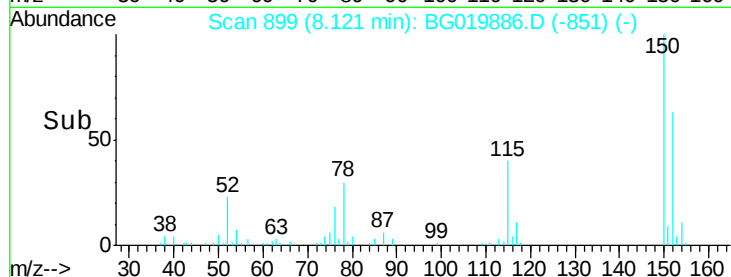
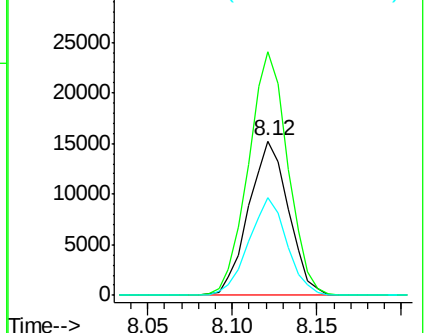
115 63.5 43.9 65.9



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: 45.16 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG019886.D

Acq: 4 Dec 2015 1:12

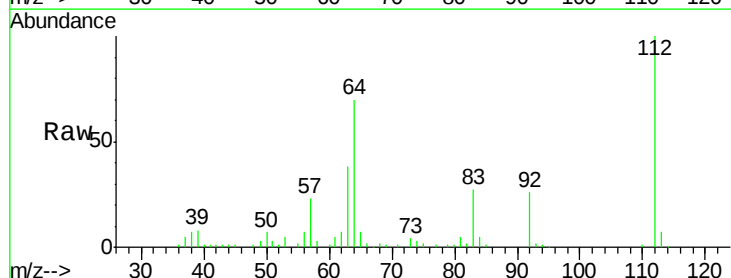
Tgt Ion:112 Resp: 62643

Ion Ratio Lower Upper

112 100

64 70.4 43.7 65.5#

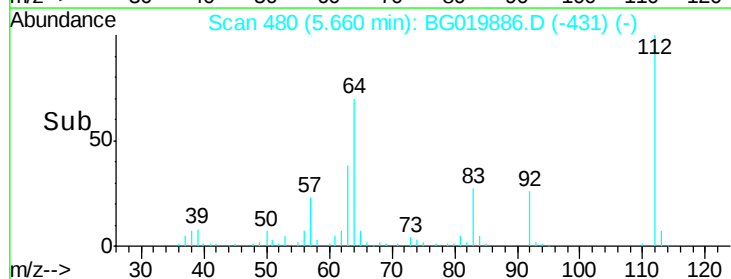
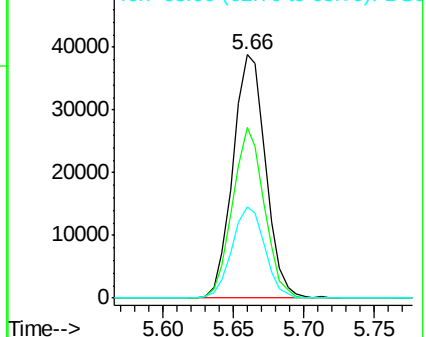
63 37.6 24.0 36.0#

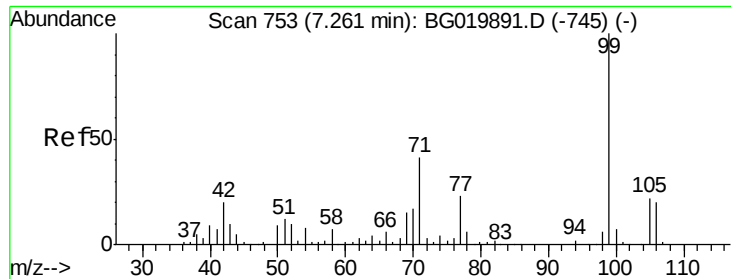


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 28.04 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.02 min

Lab File: BG019886.D

Acq: 4 Dec 2015 1:12

Instrument :

BNA_G

ClientSampleId :

113015-A263-F-U-S

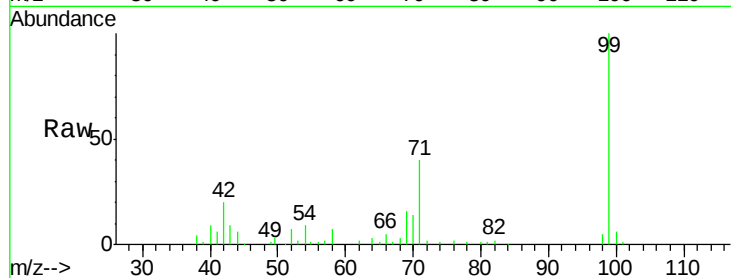
Tot Ion: 99 Resp: 58731

Ion Ratio Lower Upper

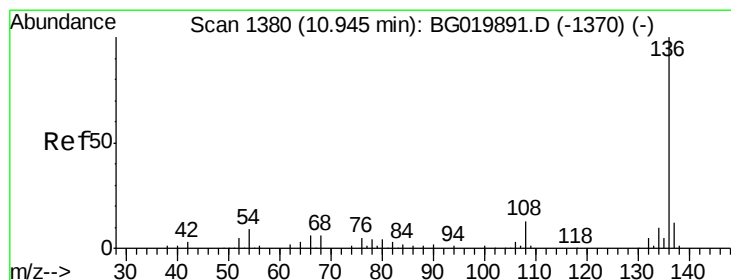
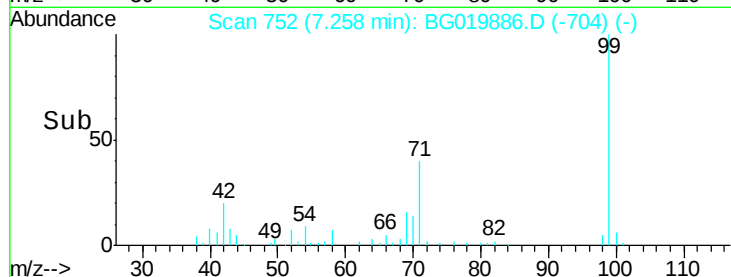
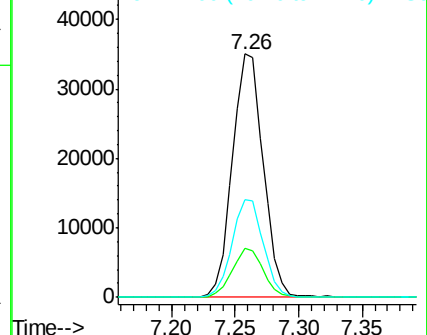
99 100

42 20.4 11.5 17.3#

71 40.1 22.6 34.0#



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: 10.94 min Scan# 1379

Delta R.T. -0.01 min

Lab File: BG019886.D

Acq: 4 Dec 2015 1:12

Tgt Ion: 136 Resp: 108292

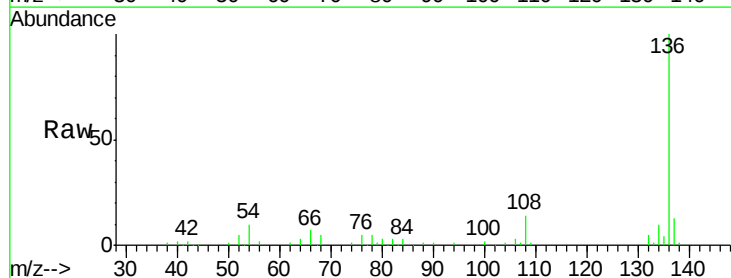
Ion Ratio Lower Upper

136 100

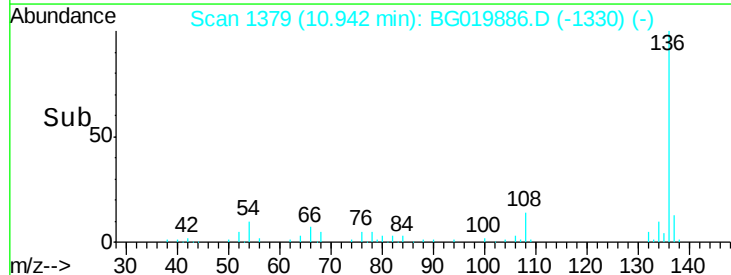
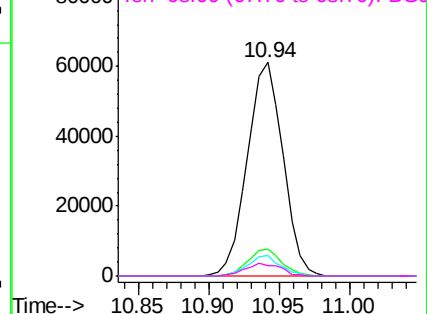
137 12.5 8.6 12.8

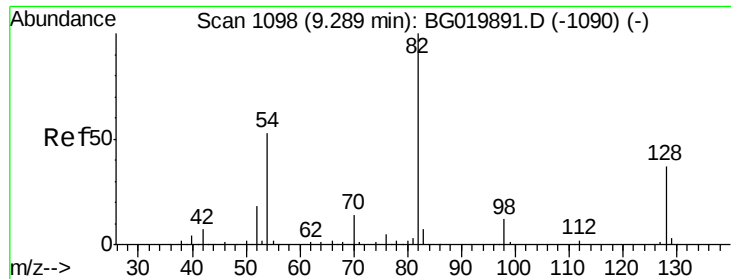
54 9.8 5.4 8.2#

68 4.6 5.3 7.9#



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

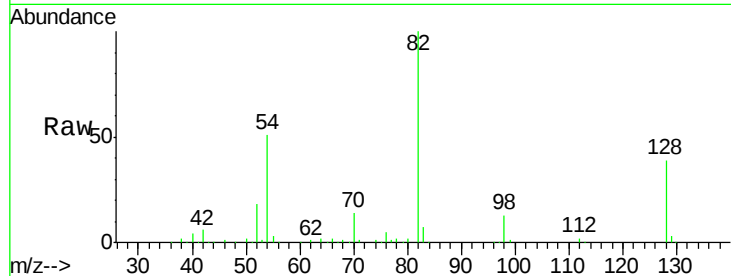




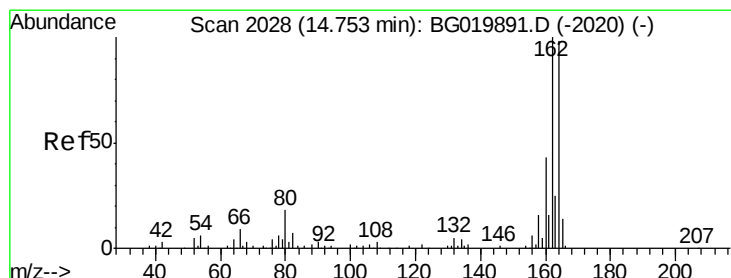
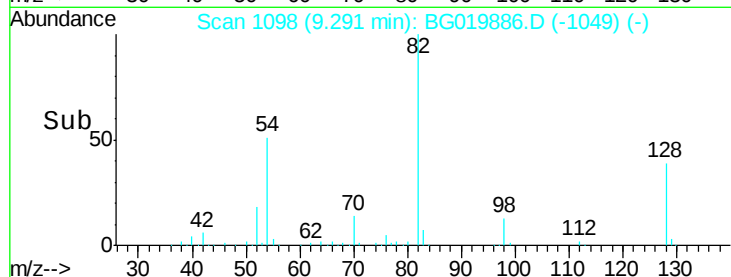
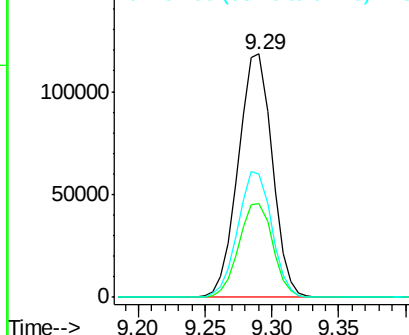
#23
 Nitrobenzene-d5
 Concen: 98.68 ng
 RT: 9.29 min Scan# 1098
 Delta R.T. -0.01 min
 Lab File: BG019886.D
 Acq: 4 Dec 2015 1:12

Instrument :
 BNA_G
 ClientSampleId :
 113015-A263-F-U-S

Tot Ion	82	Resp	209396
Ion Ratio	100	Lower	Upper
128	38.6	36.7	55.1
54	50.9	33.8	50.8#

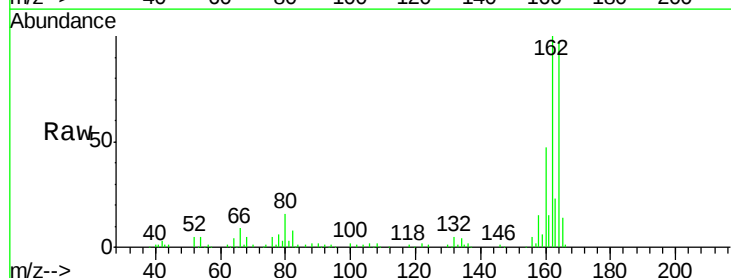


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

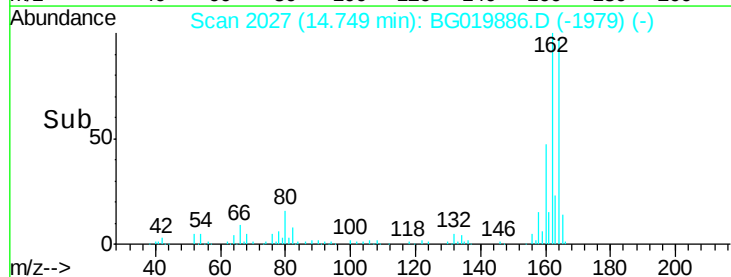
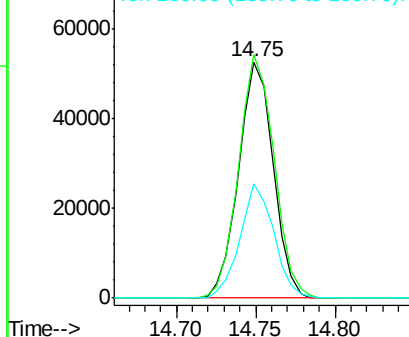


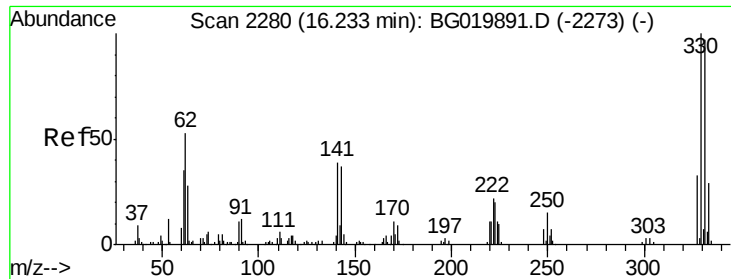
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.75 min Scan# 2027
 Delta R.T. -0.02 min
 Lab File: BG019886.D
 Acq: 4 Dec 2015 1:12

Tgt Ion	164	Resp	80023
Ion Ratio	100	Lower	Upper
162	102.9	78.8	118.2
160	48.3	36.4	54.6



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

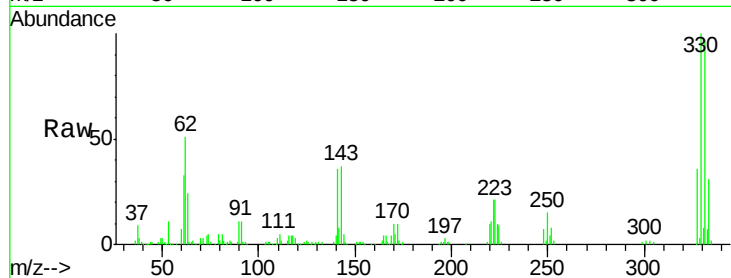




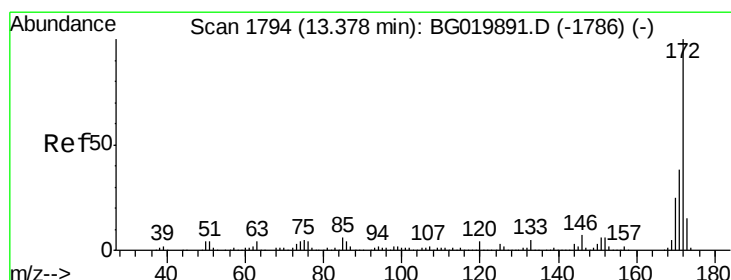
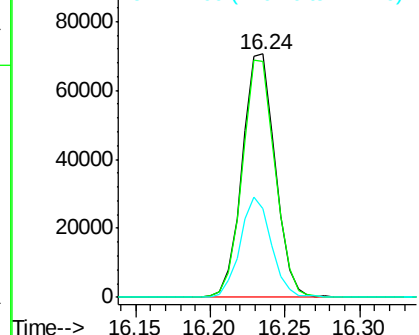
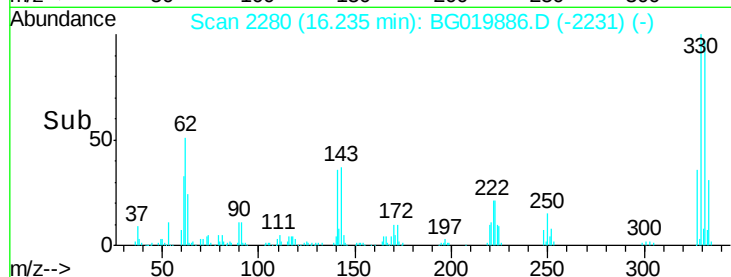
#41
 2,4,6-Tribromophenol
 Concen: 87.78 ng
 RT: 16.24 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BG019886.D
 Acq: 4 Dec 2015 1:12

Instrument :
 BNA_G
 ClientSampleId :
 113015-A263-F-U-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	78.1	117.1
141	39.4	28.2	42.2

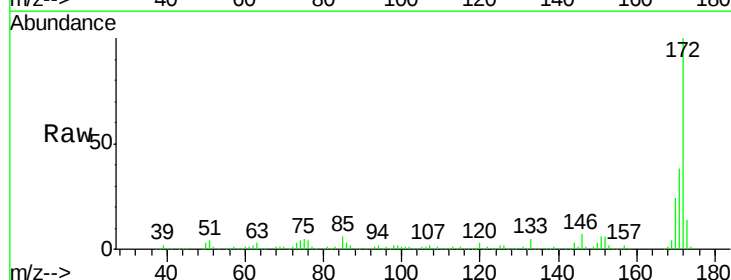


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

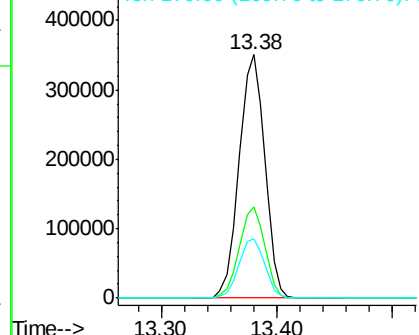
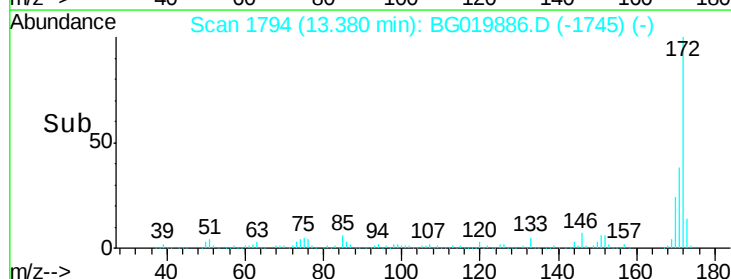


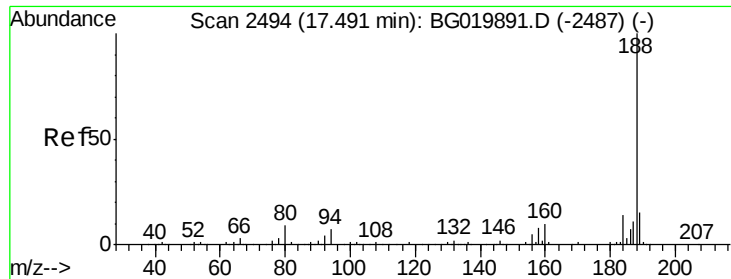
#44
 2-Fluorobiphenyl
 Concen: 91.92 ng
 RT: 13.38 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: BG019886.D
 Acq: 4 Dec 2015 1:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.0	43.6
170	24.4	19.9	29.9



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

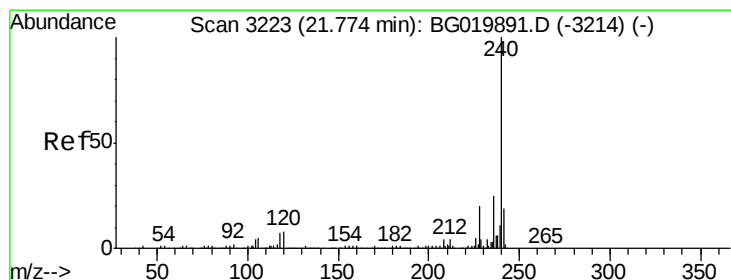
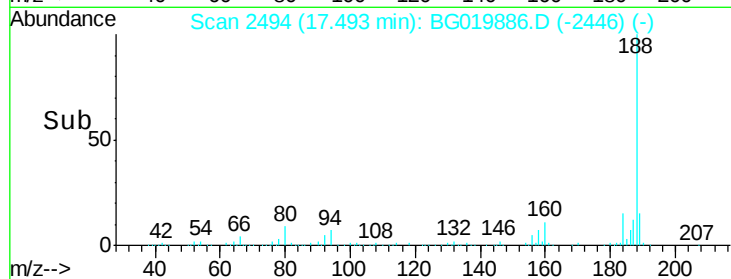
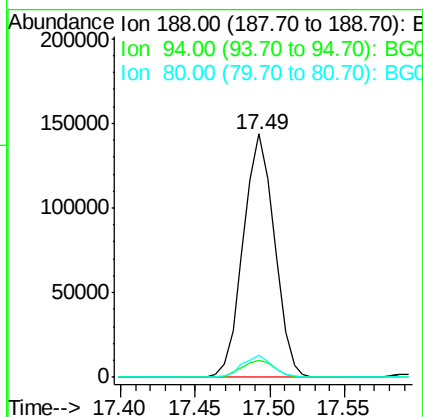
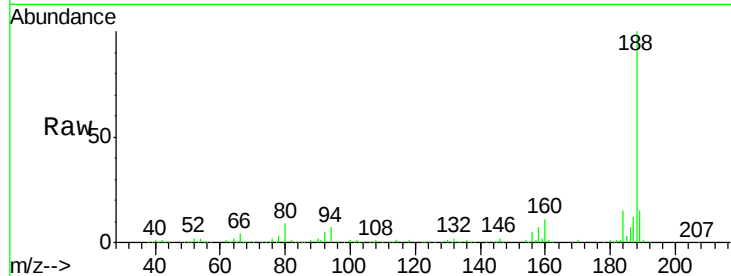




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2494
Delta R.T. -0.02 min
Lab File: BG019886.D
Acq: 4 Dec 2015 1:12

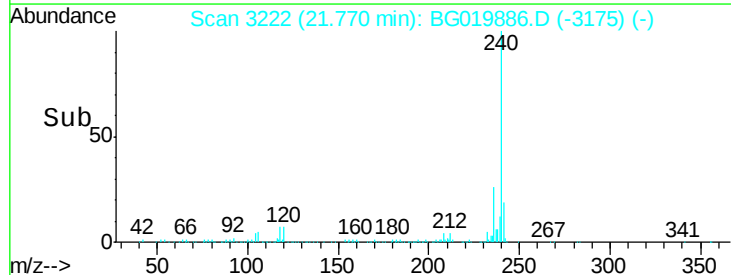
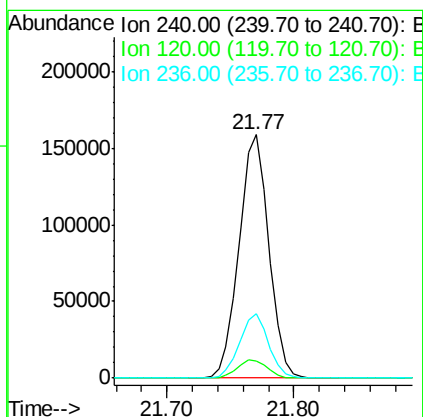
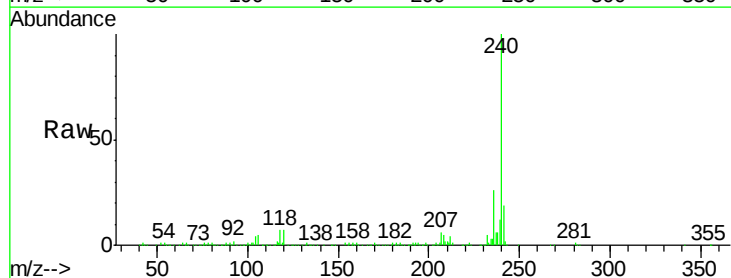
Instrument :
BNA_G
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113015-A263-F-U-S

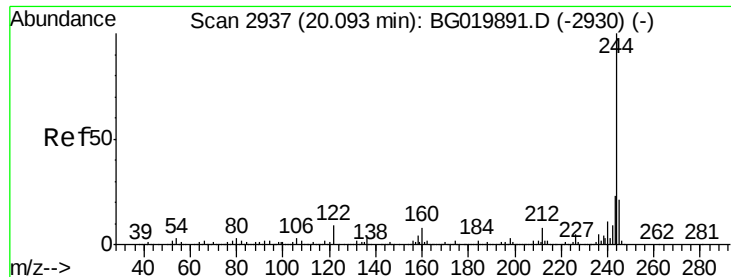
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.2	7.7	11.5#
80	9.0	7.8	11.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.77 min Scan# 3222
Delta R.T. -0.02 min
Lab File: BG019886.D
Acq: 4 Dec 2015 1:12

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.0	7.4	11.0#
236	26.4	20.7	31.1





#78

Terphenyl-d14

Concen: 91.96 ng

RT: 20.10 min Scan# 2937

Delta R.T. -0.02 min

Lab File: BG019886.D

Acq: 4 Dec 2015 1:12

Instrument :

BNA_G

ClientSampleId :

113015-A263-F-U-S

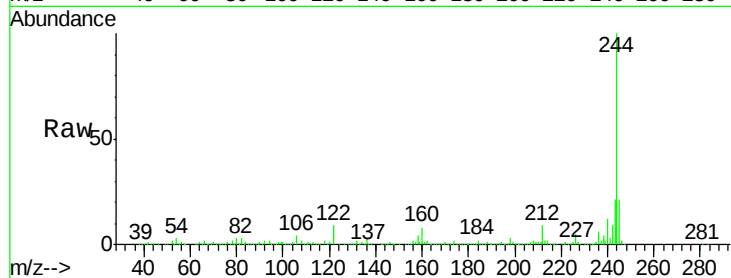
Tot Ion:244 Resp: 972872

Ion Ratio Lower Upper

244 100

212 8.9 6.9 10.3

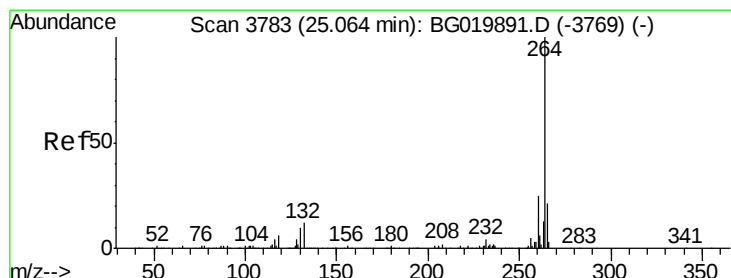
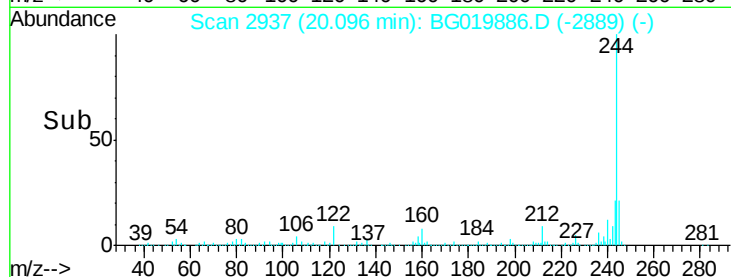
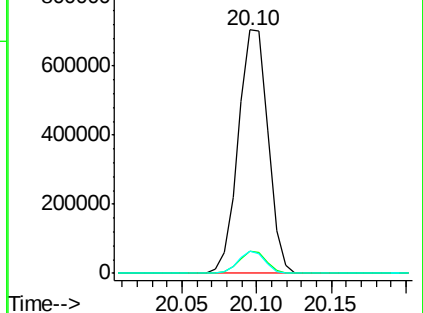
122 9.2 10.2 15.2#



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: 25.06 min Scan# 3782

Delta R.T. -0.03 min

Lab File: BG019886.D

Acq: 4 Dec 2015 1:12

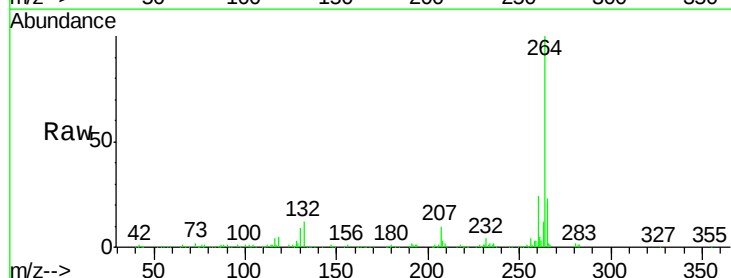
Tgt Ion:264 Resp: 243736

Ion Ratio Lower Upper

264 100

260 23.8 18.5 27.7

265 22.6 17.2 25.8



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

