

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
 Data File : BG019930.D
 Acq On : 5 Dec 2015 7:23
 Operator : UM/NP
 Sample : PB86951BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB86951BL

Quant Time: Dec 07 04:05:55 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	29212	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	126158	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	92175	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	235362	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	290227	20.00	ng	-0.04
86) Perylene-d12	25.04	264	269314	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	227717	140.89	ng	-0.01
7) Phenol-d6	7.26	99	328911	134.78	ng	-0.01
23) Nitrobenzene-d5	9.28	82	214636	86.83	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	162195	115.00	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	526362	77.97	ng	-0.02
78) Terphenyl-d14	20.09	244	941709	79.14	ng	-0.02

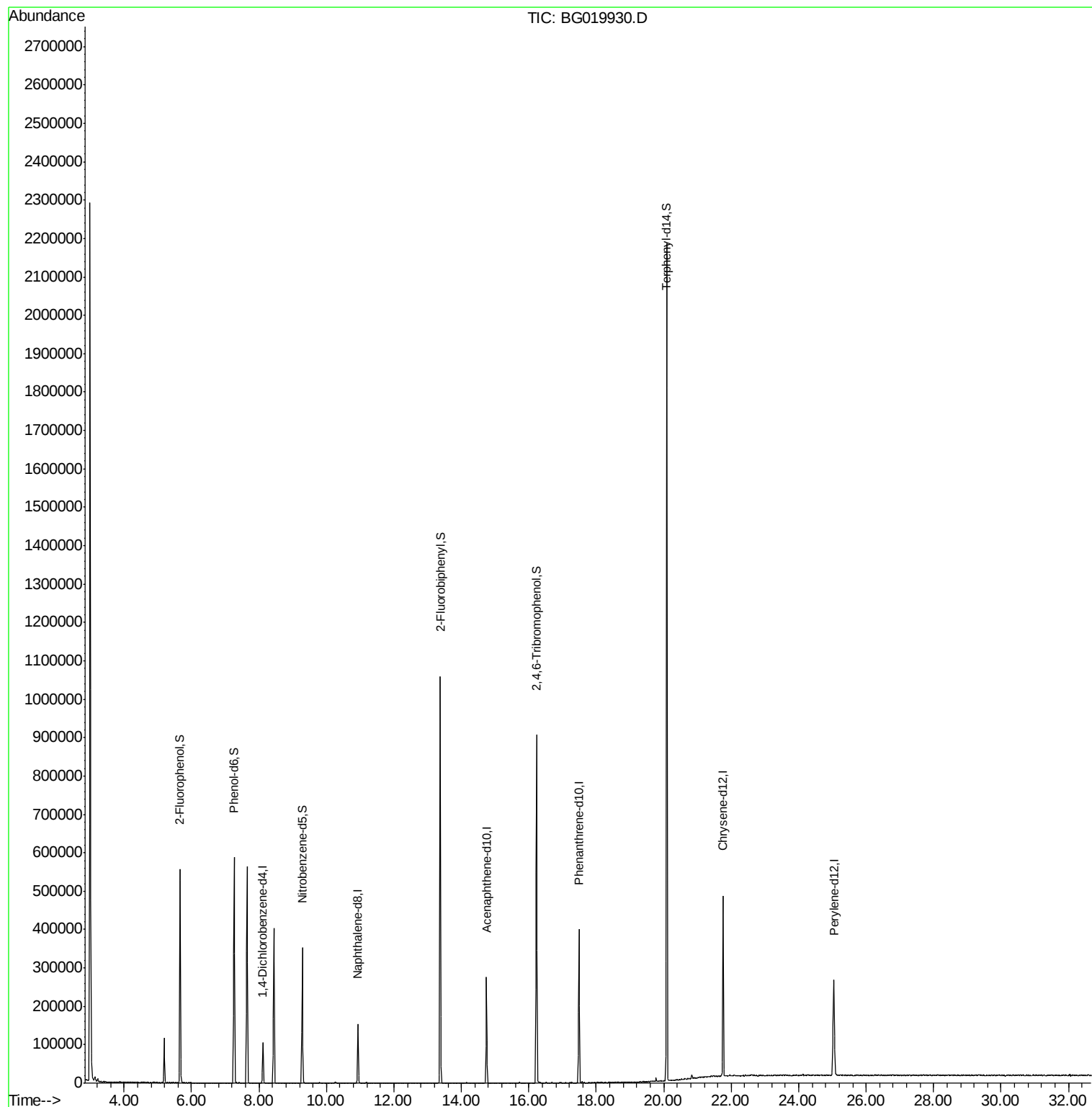
Target Compounds Qvalue

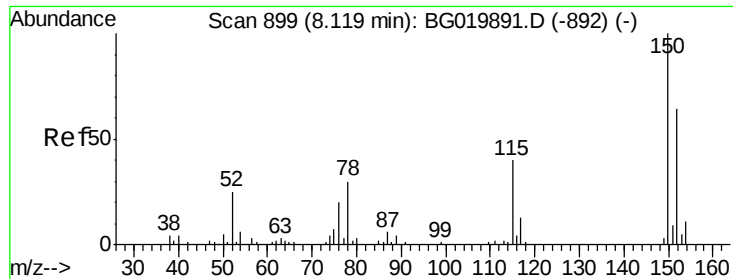
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 02 18:50:01 2015
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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: BG019930.D

Acq: 5 Dec 2015 7:23

Instrument :

BNA_G

ClientSampleId :

PB86951BL

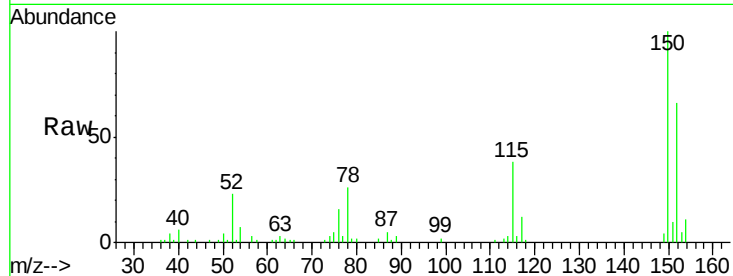
Tot Ion:152 Resp: 29212

Ion Ratio Lower Upper

152 100

150 151.0 115.0 172.4

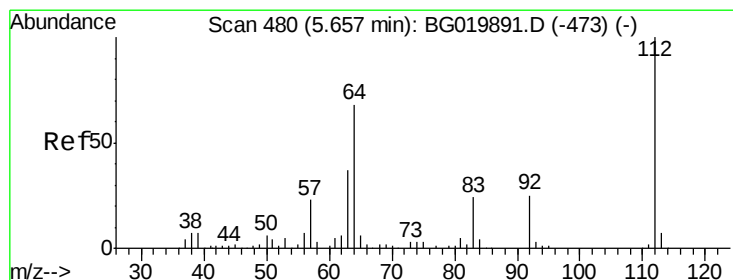
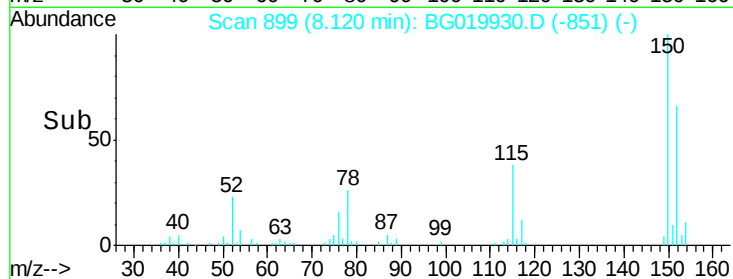
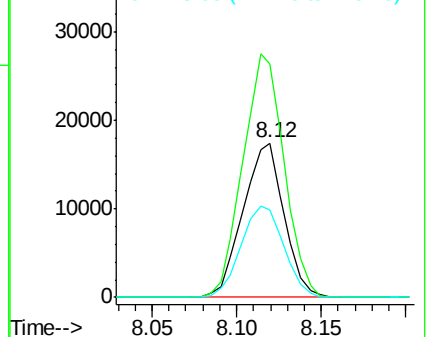
115 56.9 43.9 65.9



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: 140.89 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG019930.D

Acq: 5 Dec 2015 7:23

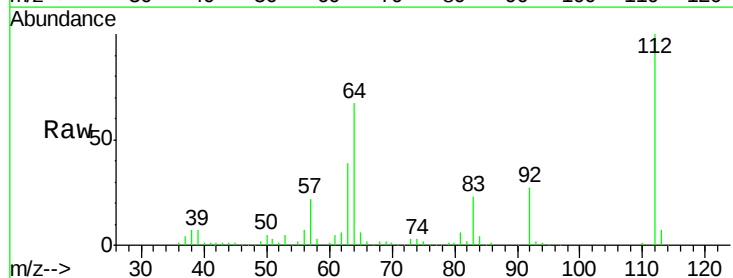
Tgt Ion:112 Resp: 227717

Ion Ratio Lower Upper

112 100

64 67.1 43.7 65.5#

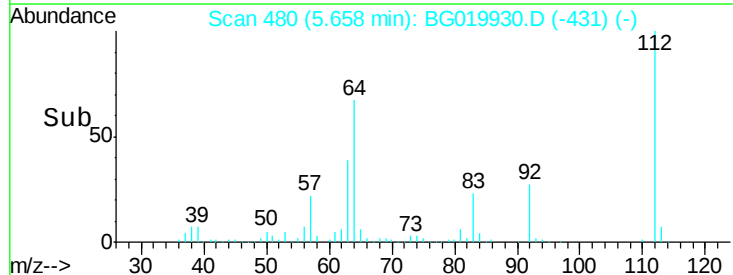
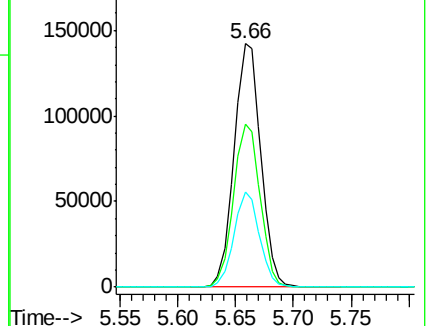
63 39.2 24.0 36.0#

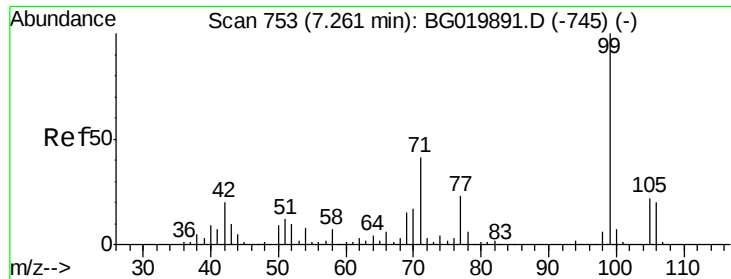


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 134.78 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG019930.D

Acq: 5 Dec 2015 7:23

Instrument :

BNA_G

ClientSampleId :

PB86951BL

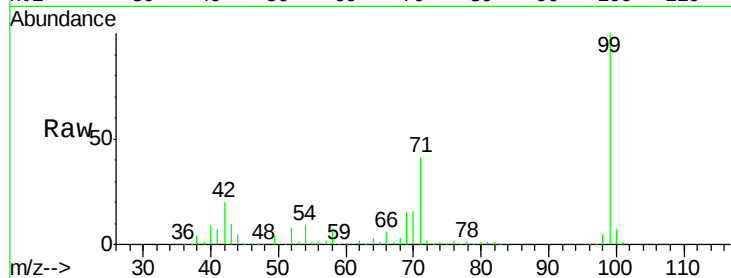
Tot Ion: 99 Resp: 328911

Ion Ratio Lower Upper

99 100

42 20.1 11.5 17.3#

71 41.1 22.6 34.0#

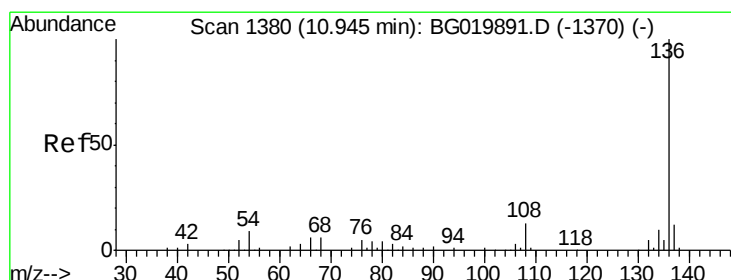
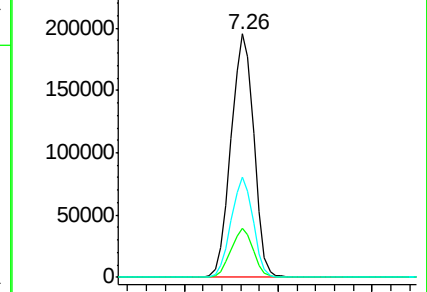
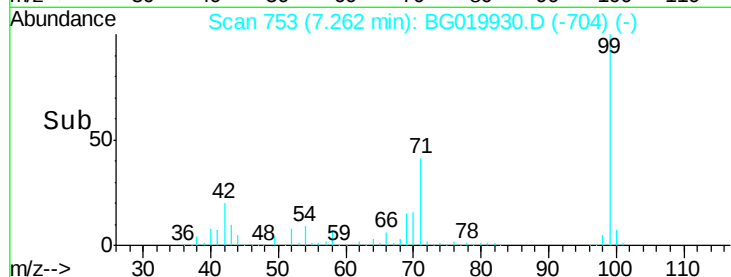


Abundance

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: 10.93 min Scan# 1378

Delta R.T. -0.02 min

Lab File: BG019930.D

Acq: 5 Dec 2015 7:23

Tgt Ion: 136 Resp: 126158

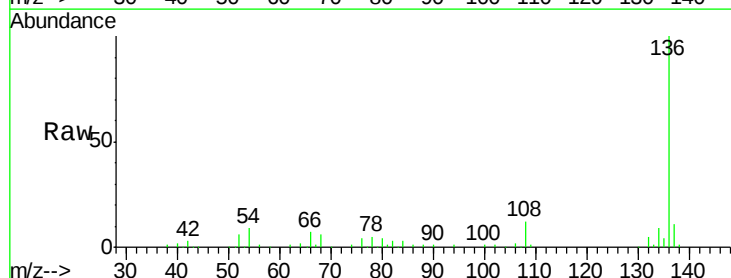
Ion Ratio Lower Upper

136 100

137 11.5 8.6 12.8

54 8.7 5.4 8.2#

68 6.2 5.3 7.9



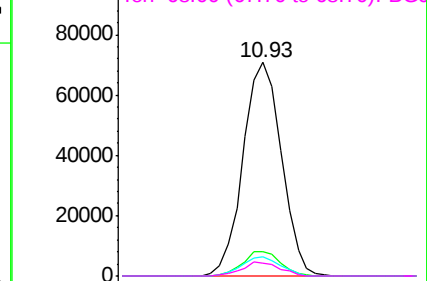
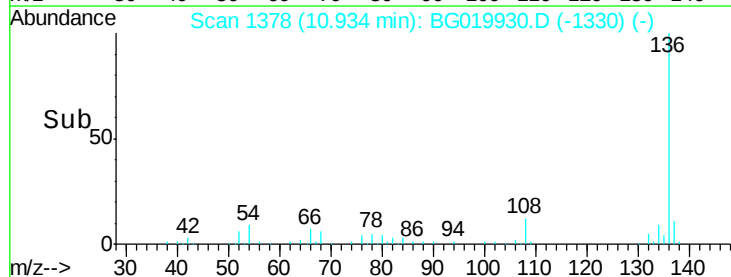
Abundance

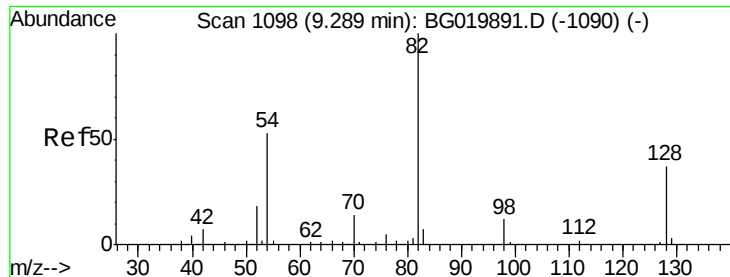
Ion 136.00 (135.70 to 136.70): BGC

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

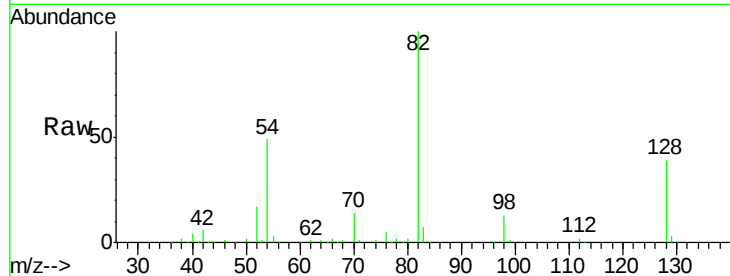




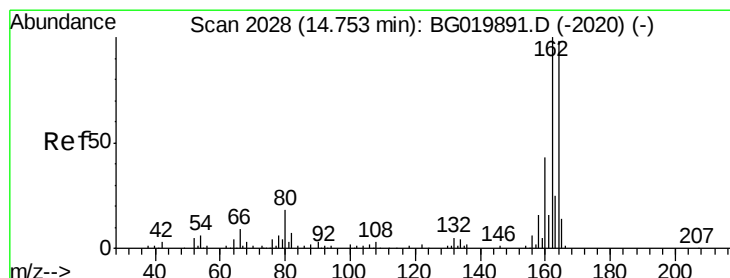
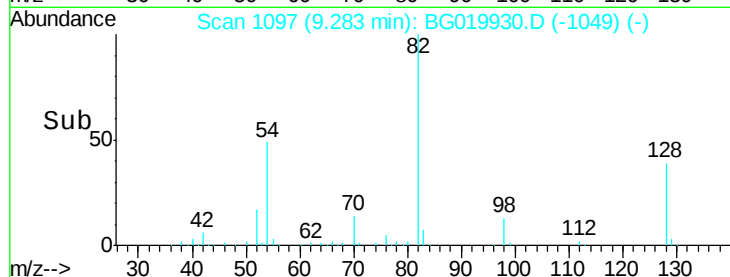
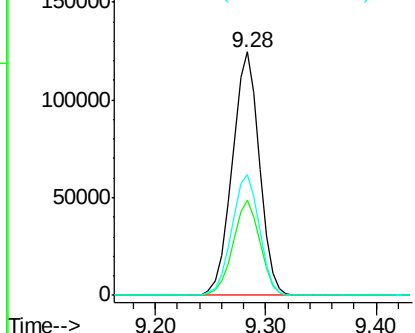
#23
Nitrobenzene-d5
Concen: 86.83 ng
RT: 9.28 min Scan# 1097
Delta R.T. -0.02 min
Lab File: BG019930.D
Acq: 5 Dec 2015 7:23

Instrument :
BNA_G
ClientSampleId :
PB86951BL

Tot Ion	82	Resp	214636
Ion Ratio	100	Lower	Upper
128	39.0	36.7	55.1
54	49.4	33.8	50.8

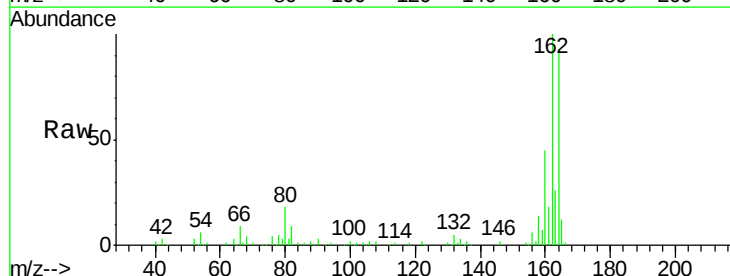


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

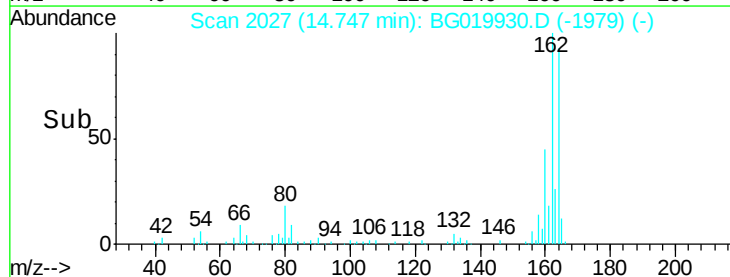
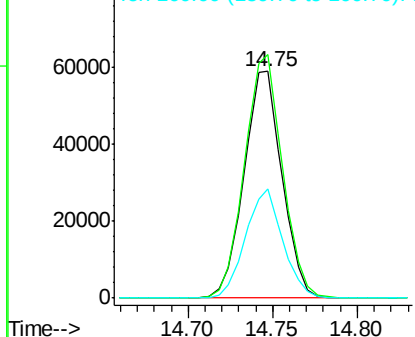


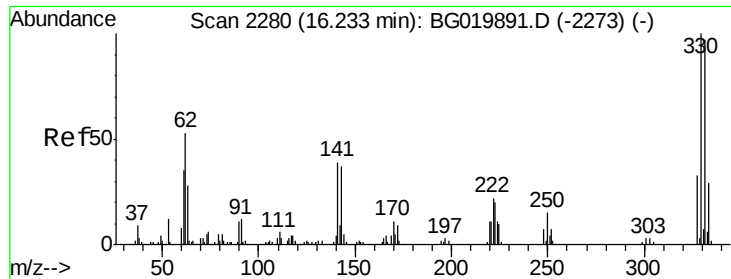
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2027
Delta R.T. -0.02 min
Lab File: BG019930.D
Acq: 5 Dec 2015 7:23

Tgt Ion	164	Resp	92175
Ion Ratio	100	Lower	Upper
162	107.6	78.8	118.2
160	48.2	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

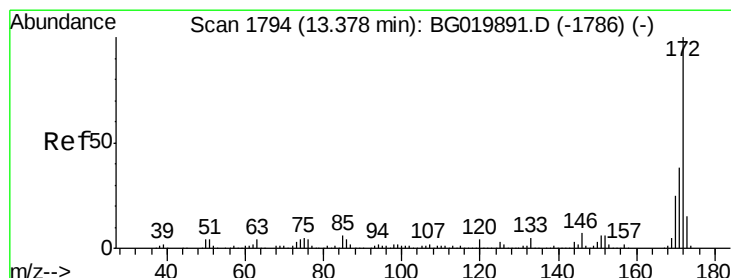
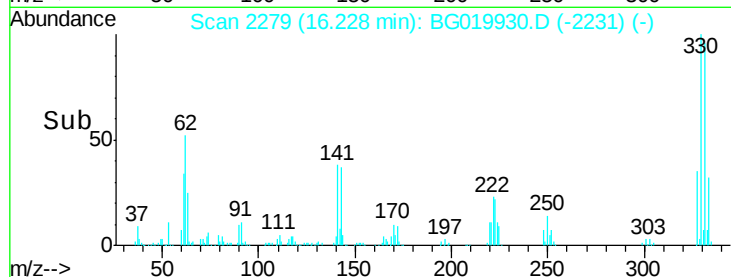
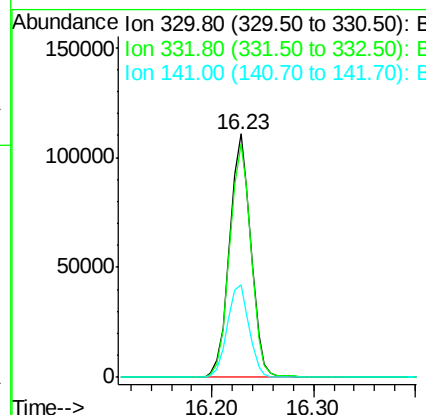
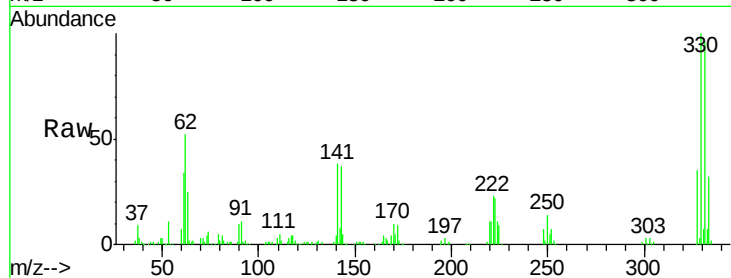




#41
 2,4,6-Tribromophenol
 Concen: 115.00 ng
 RT: 16.23 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BG019930.D
 Acq: 5 Dec 2015 7:23

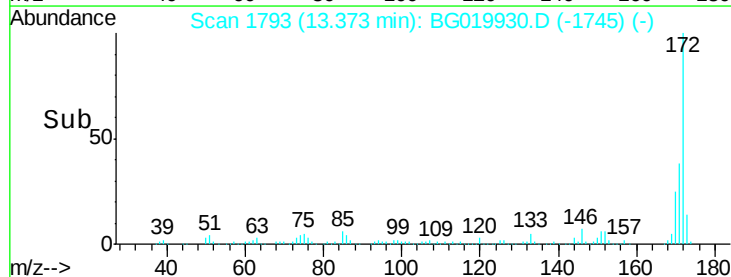
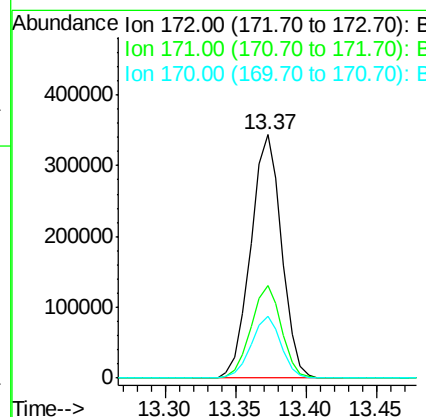
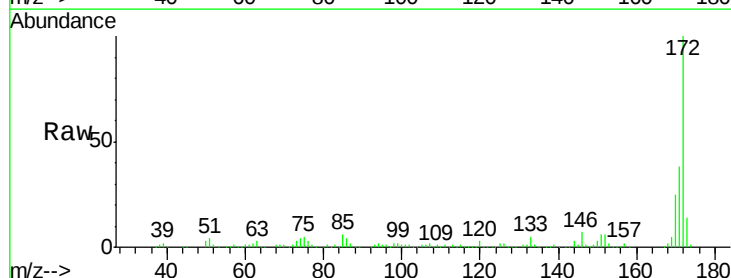
Instrument :
 BNA_G
 ClientSampleID :
 PB86951BL

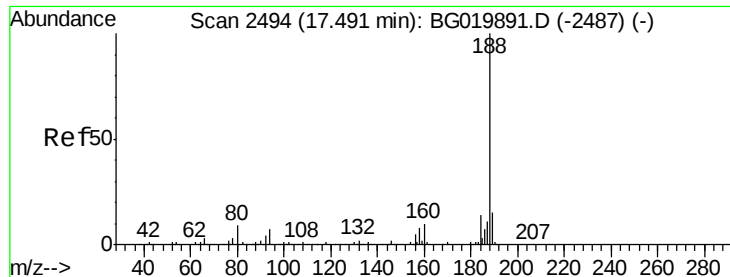
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.1	117.1
141	38.9	28.2	42.2



#44
 2-Fluorobiphenyl
 Concen: 77.97 ng
 RT: 13.37 min Scan# 1793
 Delta R.T. -0.02 min
 Lab File: BG019930.D
 Acq: 5 Dec 2015 7:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.0	43.6
170	25.4	19.9	29.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.49 min Scan# 2493

Delta R.T. -0.02 min

Lab File: BG019930.D

Acq: 5 Dec 2015 7:23

Instrument :

BNA_G

ClientSampleId :

PB86951BL

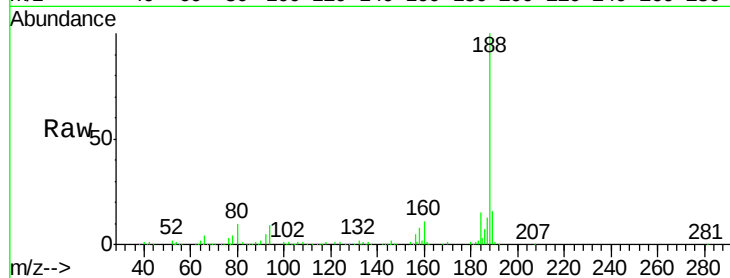
Tot Ion:188 Resp: 235362

Ion Ratio Lower Upper

188 100

94 8.7 7.7 11.5

80 9.7 7.8 11.8



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

200000

150000

100000

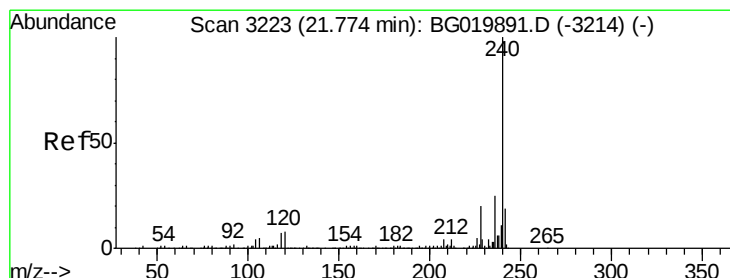
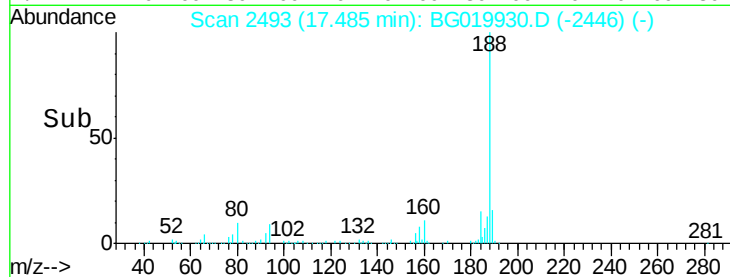
50000

0

17.49

17.40 17.45 17.50 17.55

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3220

Delta R.T. -0.04 min

Lab File: BG019930.D

Acq: 5 Dec 2015 7:23

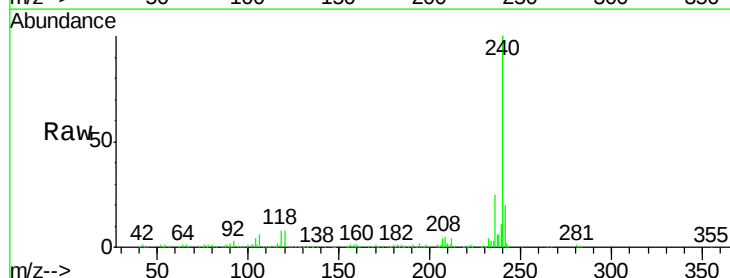
Tgt Ion:240 Resp: 290227

Ion Ratio Lower Upper

240 100

120 7.7 7.4 11.0

236 25.3 20.7 31.1



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

250000

200000

150000

100000

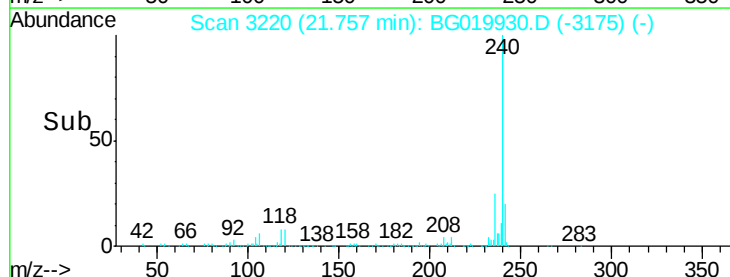
50000

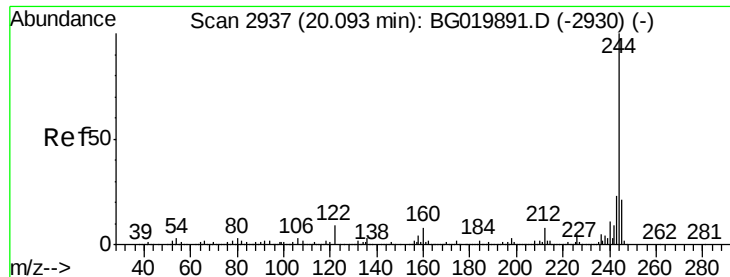
0

21.76

21.70 21.80

Time-->





#78

Terphenyl-d14

Concen: 79.14 ng

RT: 20.09 min Scan# 2936

Delta R.T. -0.02 min

Lab File: BG019930.D

Acq: 5 Dec 2015 7:23

Instrument :

BNA_G

ClientSampleId :

PB86951BL

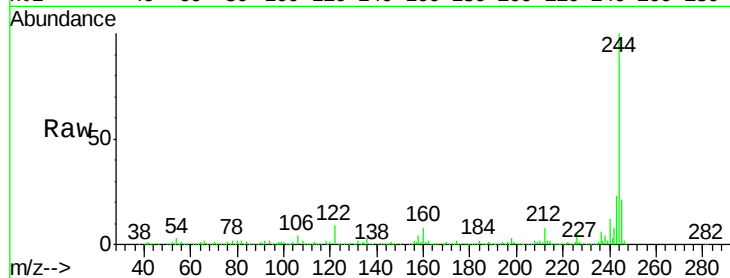
Tot Ion:244 Resp: 941709

Ion Ratio Lower Upper

244 100

212 8.4 6.9 10.3

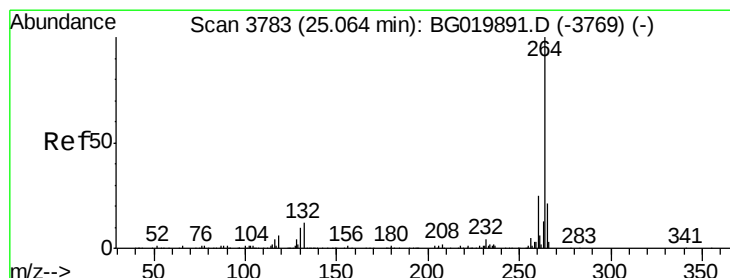
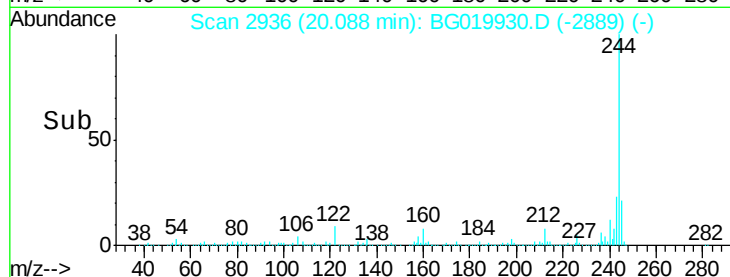
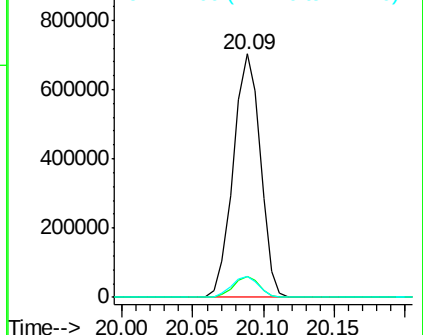
122 8.6 10.2 15.2#



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: 25.04 min Scan# 3779

Delta R.T. -0.05 min

Lab File: BG019930.D

Acq: 5 Dec 2015 7:23

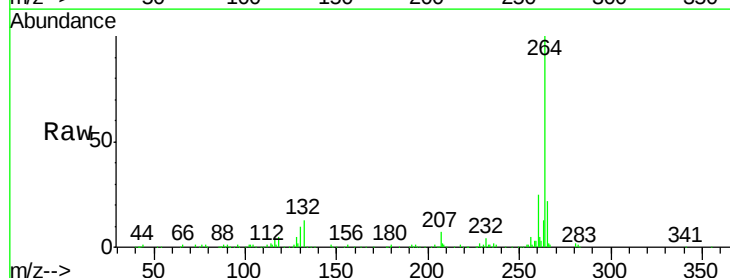
Tgt Ion:264 Resp: 269314

Ion Ratio Lower Upper

264 100

260 25.0 18.5 27.7

265 21.7 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

