

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120415\
 Data File : BG019912.D
 Acq On : 4 Dec 2015 19:47
 Operator : UM/NP
 Sample : G4642-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FD120215

Quant Time: Dec 04 22:20:48 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

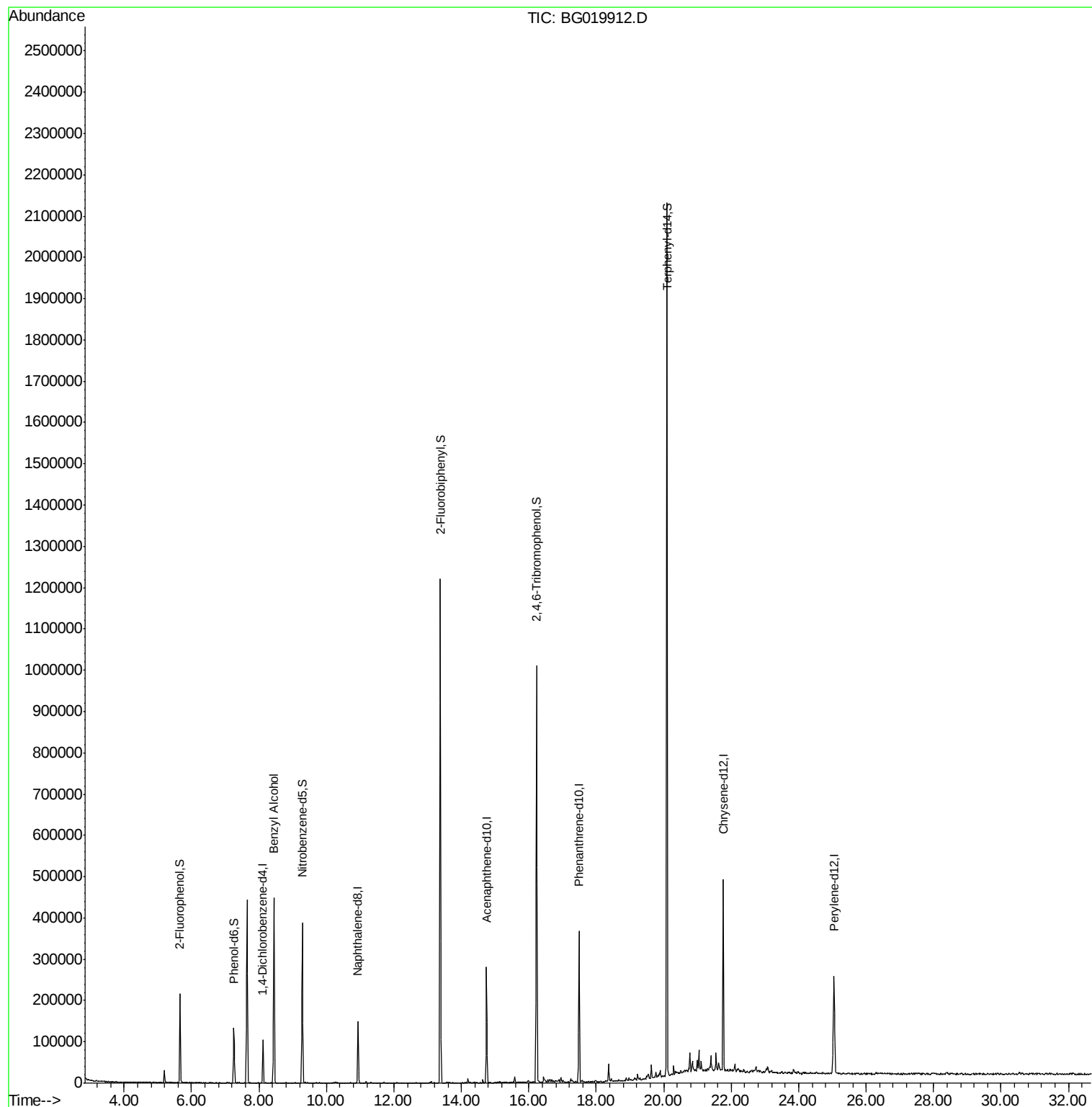
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	27911	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	124534	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	91806	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	228672	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	274574	20.00	ng	-0.03
86) Perylene-d12	25.05	264	260187	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	85899	55.62	ng	-0.01
7) Phenol-d6	7.26	99	76950	33.00	ng	-0.02
23) Nitrobenzene-d5	9.28	82	242034	99.19	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	182785	130.12	ng	-0.01
44) 2-Fluorobiphenyl	13.37	172	612102	91.04	ng	-0.02
78) Terphenyl-d14	20.09	244	945180	83.96	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	8.44	79	4218	2.06	ng	Qvalue # 61

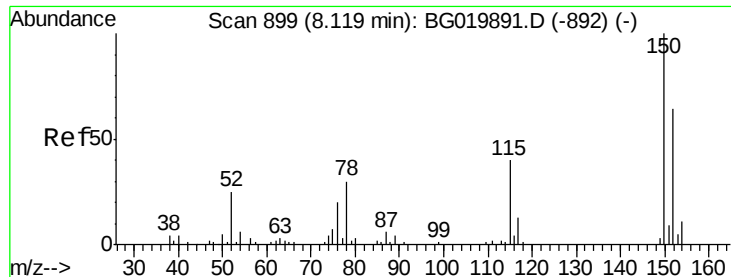
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG019912.D

Acq: 4 Dec 2015 19:47

Instrument :

BNA_G

ClientSampleId :

FD120215

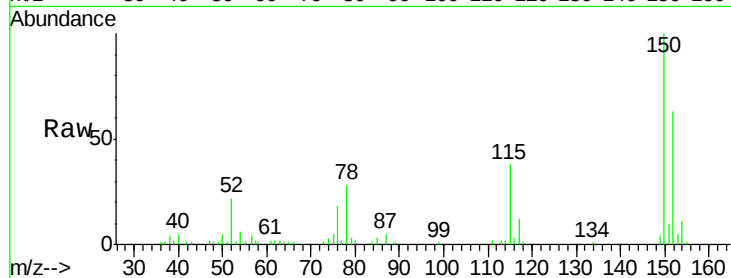
Tgt Ion:152 Resp: 27911

Ion Ratio Lower Upper

152 100

150 158.4 115.0 172.4

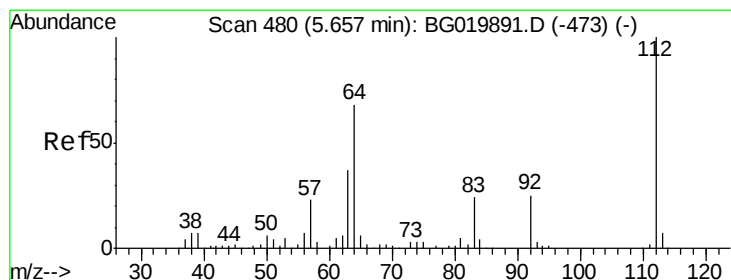
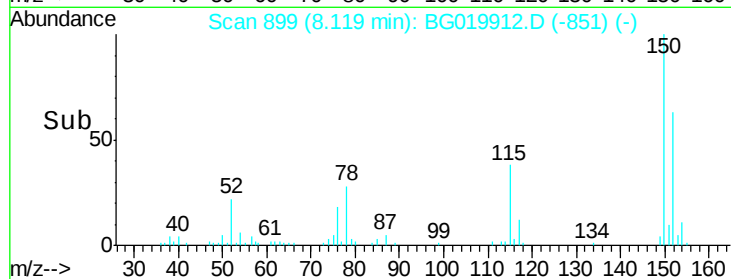
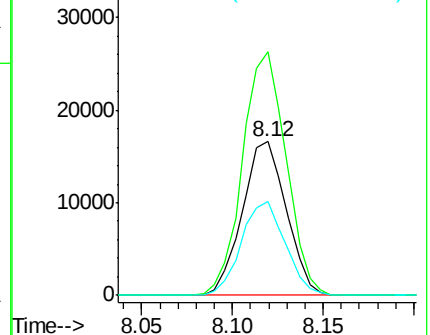
115 60.9 43.9 65.9



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: 55.62 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG019912.D

Acq: 4 Dec 2015 19:47

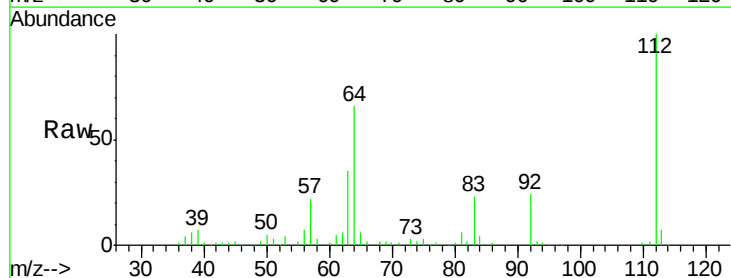
Tgt Ion:112 Resp: 85899

Ion Ratio Lower Upper

112 100

64 66.0 43.7 65.5#

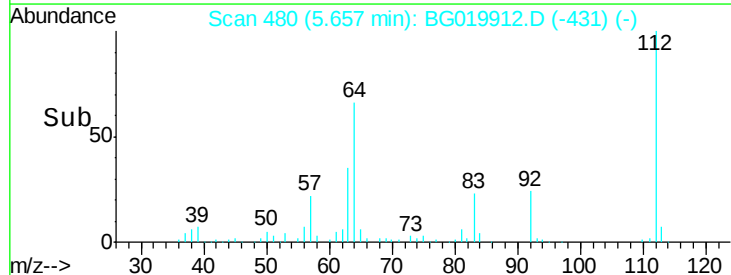
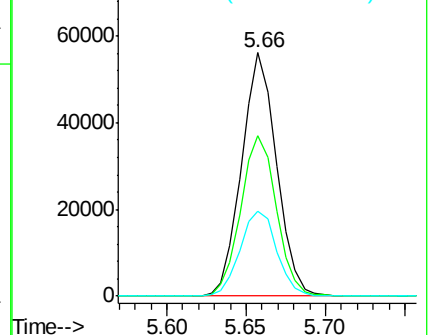
63 34.6 24.0 36.0

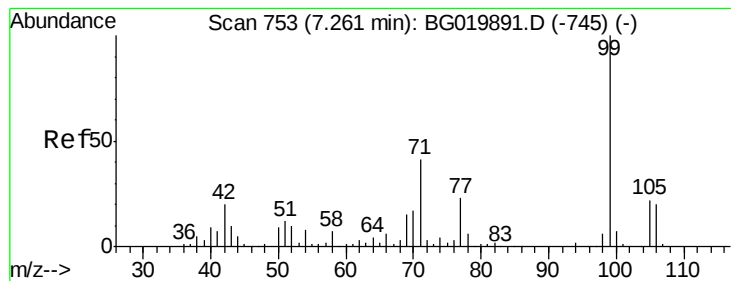


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 33.00 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.02 min

Lab File: BG019912.D

Acq: 4 Dec 2015 19:47

Instrument :

BNA_G

ClientSampleId :

FD120215

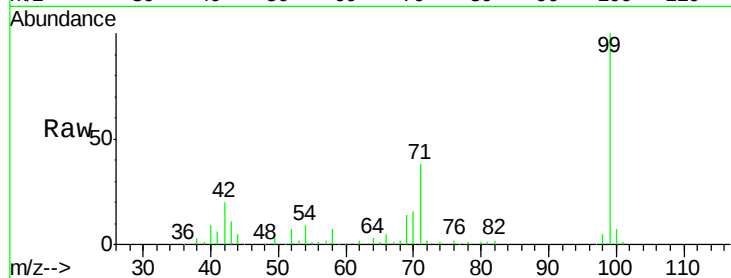
Tgt Ion: 99 Resp: 76950

Ion Ratio Lower Upper

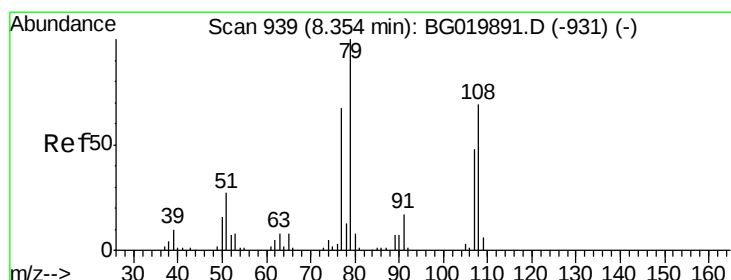
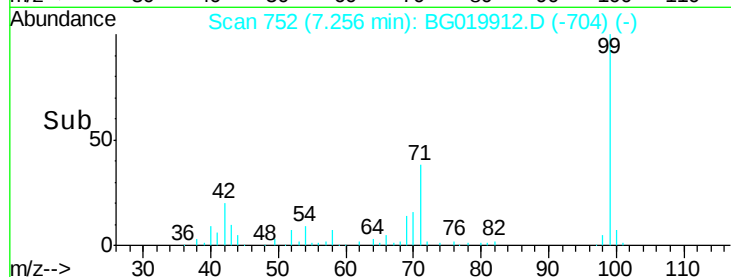
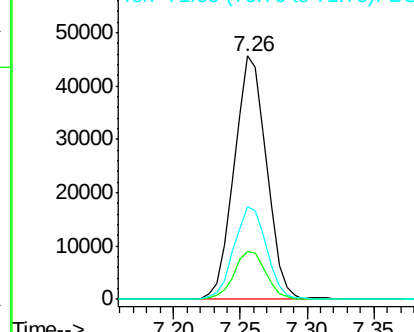
99 100

42 19.6 11.5 17.3#

71 37.8 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



#15

Benzyl Alcohol

Concen: 2.06 ng

RT: 8.44 min Scan# 953

Delta R.T. 0.07 min

Lab File: BG019912.D

Acq: 4 Dec 2015 19:47

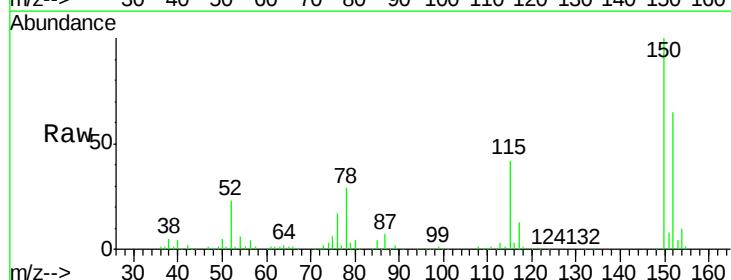
Tgt Ion: 79 Resp: 4218

Ion Ratio Lower Upper

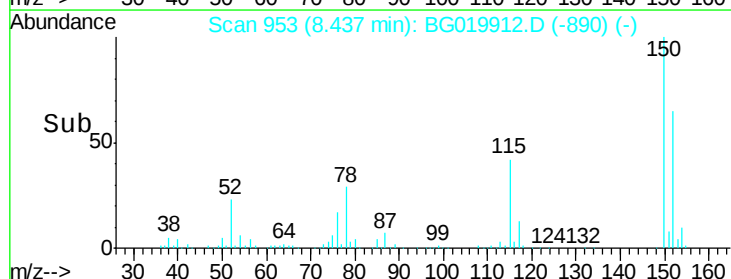
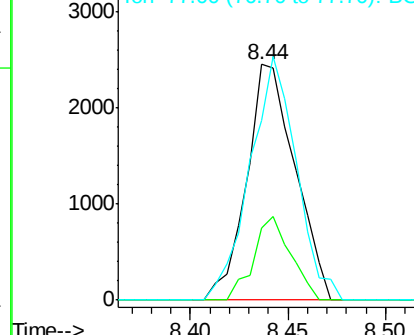
79 100

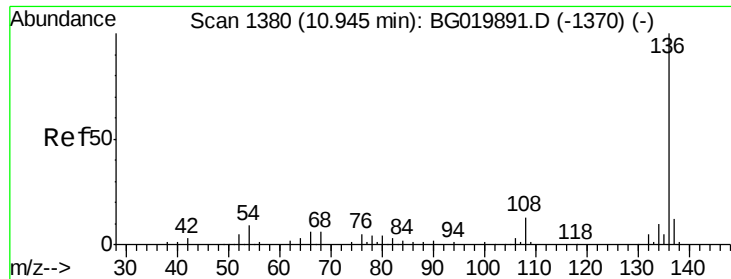
108 30.8 65.5 98.3#

77 76.2 51.3 76.9



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

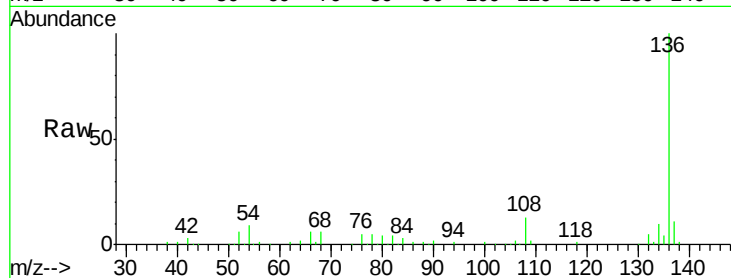




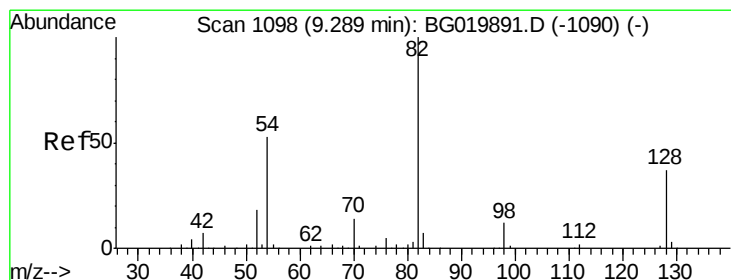
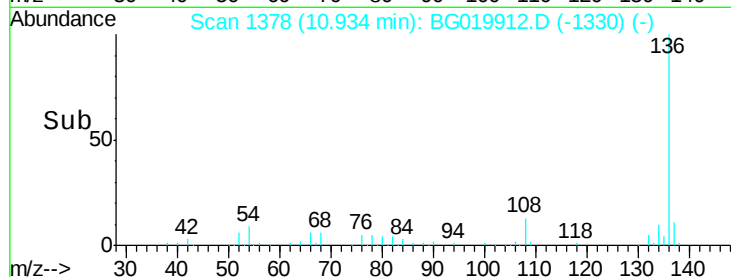
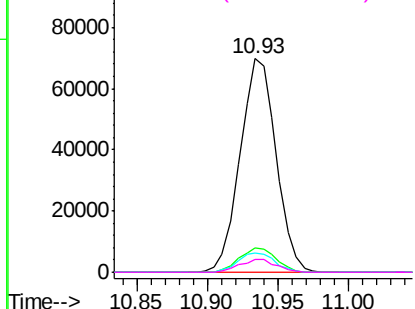
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1378
Delta R.T. -0.02 min
Lab File: BG019912.D
Acq: 4 Dec 2015 19:47

Instrument :
BNA_G
ClientSampleId :
FD120215

Tgt Ion:	136	Resp:	124534
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.6	12.8
54	8.8	5.4	8.2#
68	5.9	5.3	7.9

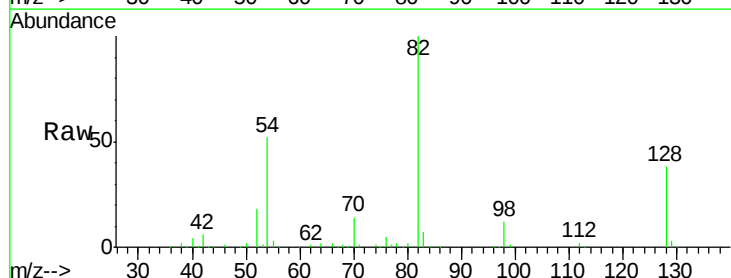


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

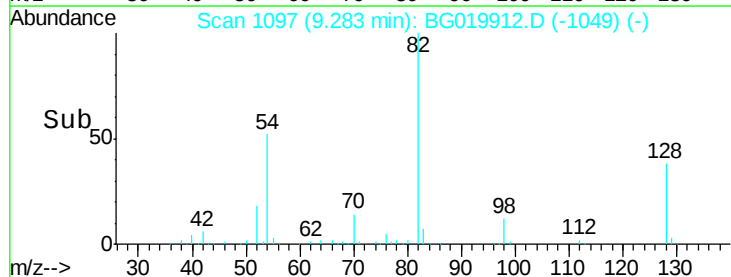
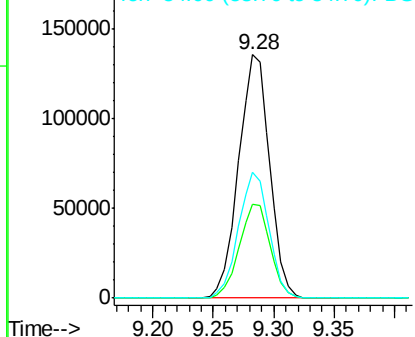


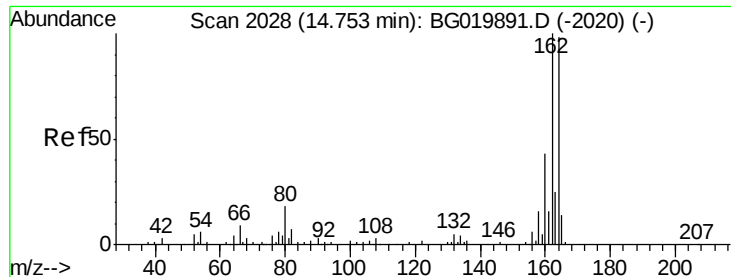
#23
Nitrobenzene-d5
Concen: 99.19 ng
RT: 9.28 min Scan# 1097
Delta R.T. -0.02 min
Lab File: BG019912.D
Acq: 4 Dec 2015 19:47

Tgt Ion:	82	Resp:	242034
Ion	Ratio	Lower	Upper
82	100		
128	38.4	36.7	55.1
54	51.8	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: BG019912.D

Acq: 4 Dec 2015 19:47

Instrument :

BNA_G

ClientSampleId :

FD120215

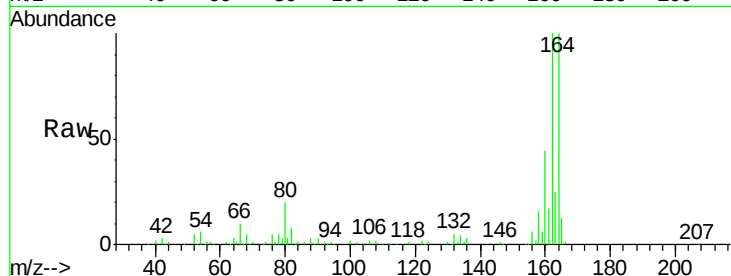
Tgt Ion:164 Resp: 91806

Ion Ratio Lower Upper

164 100

162 100.0 78.8 118.2

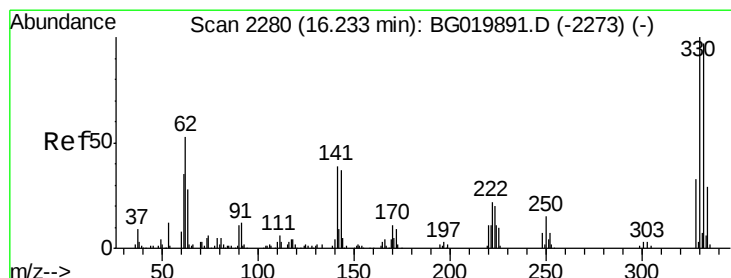
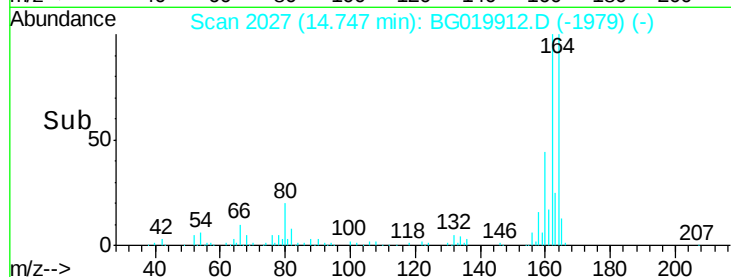
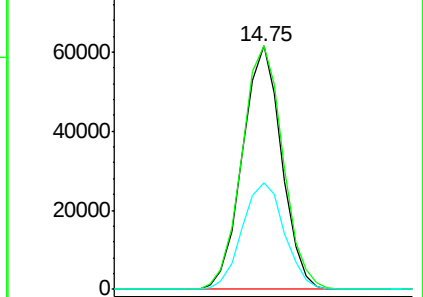
160 44.0 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 130.12 ng

RT: 16.23 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BG019912.D

Acq: 4 Dec 2015 19:47

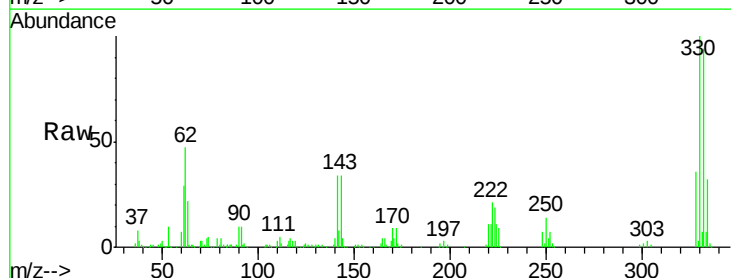
Tgt Ion:330 Resp: 182785

Ion Ratio Lower Upper

330 100

332 96.5 78.1 117.1

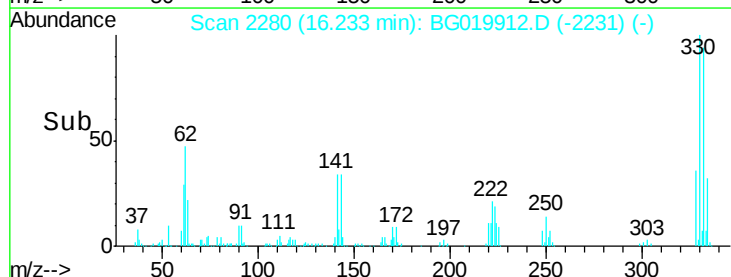
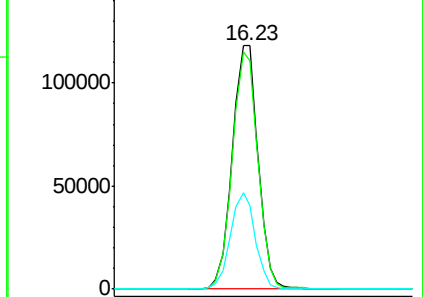
141 38.2 28.2 42.2

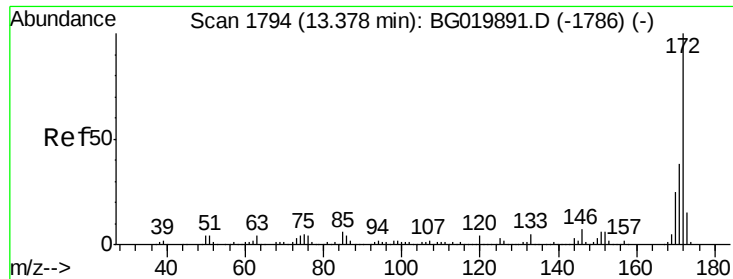


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

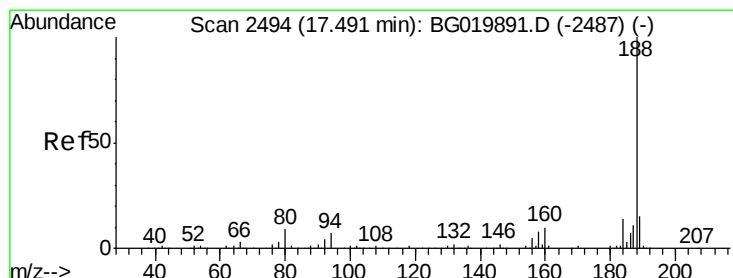
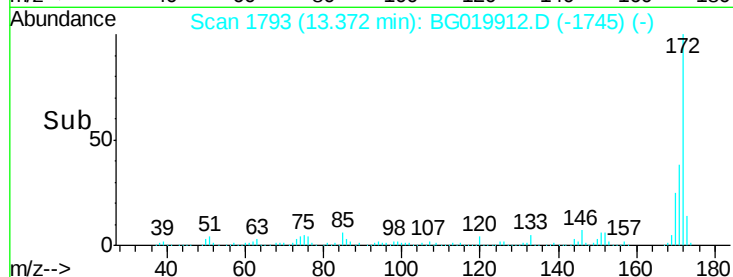
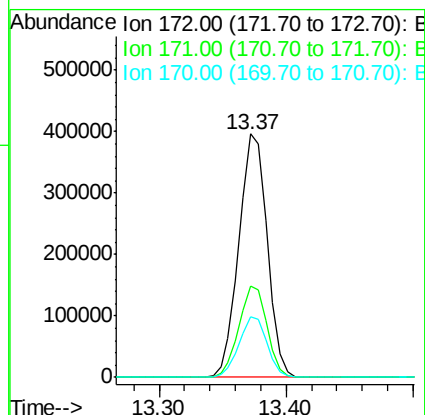
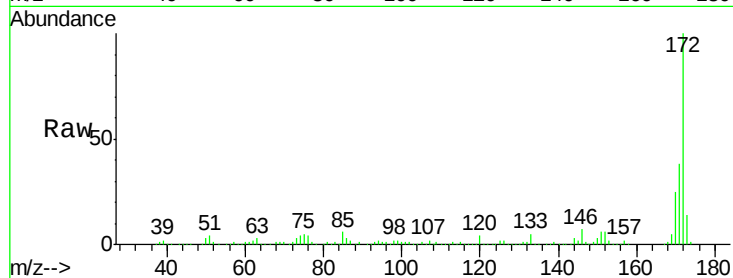




#44
 2-Fluorobiphenyl
 Concen: 91.04 ng
 RT: 13.37 min Scan# 1793
 Delta R.T. -0.02 min
 Lab File: BG019912.D
 Acq: 4 Dec 2015 19:47

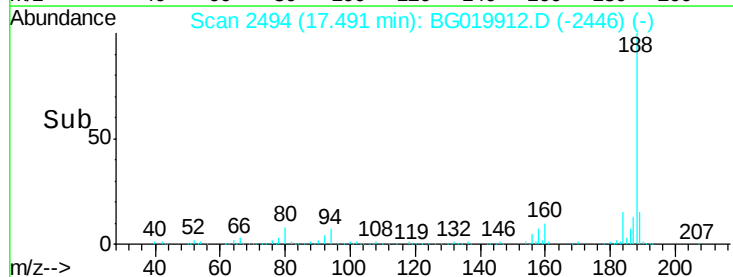
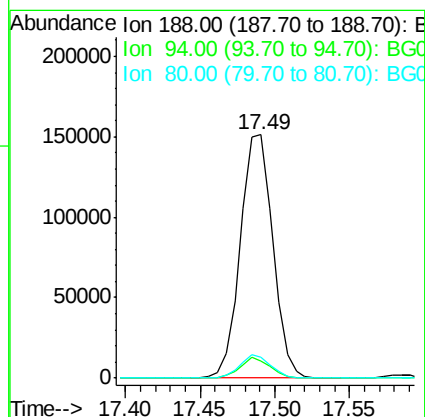
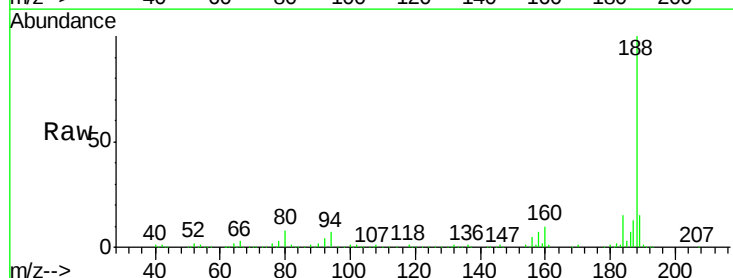
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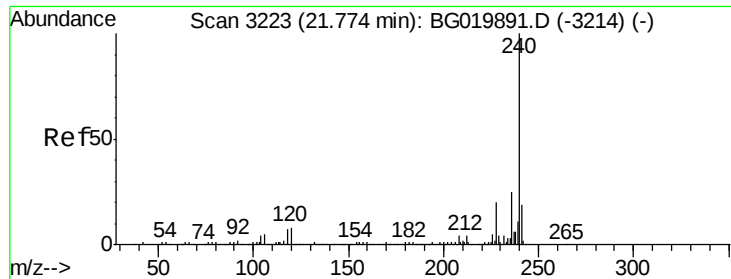
Tgt Ion:172 Resp: 612102
 Ion Ratio Lower Upper
 172 100
 171 37.7 29.0 43.6
 170 25.0 19.9 29.9



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.49 min Scan# 2494
 Delta R.T. -0.02 min
 Lab File: BG019912.D
 Acq: 4 Dec 2015 19:47

Tgt Ion:188 Resp: 228672
 Ion Ratio Lower Upper
 188 100
 94 7.0 7.7 11.5#
 80 8.4 7.8 11.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3221

Delta R.T. -0.03 min

Lab File: BG019912.D

Acq: 4 Dec 2015 19:47

Instrument :

BNA_G

ClientSampleId :

FD120215

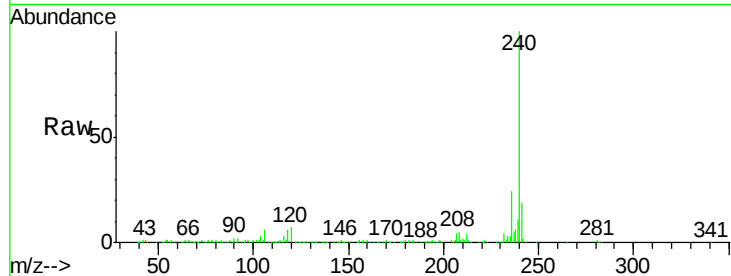
Tgt Ion:240 Resp: 274574

Ion Ratio Lower Upper

240 100

120 7.4 7.4 11.0

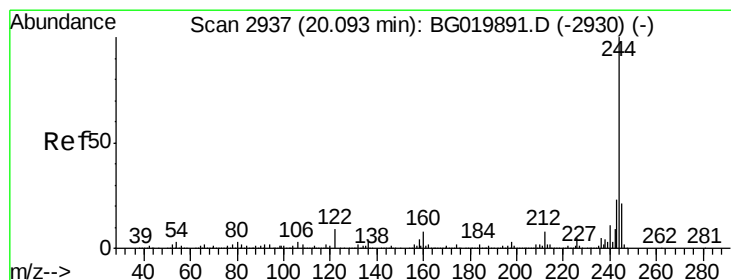
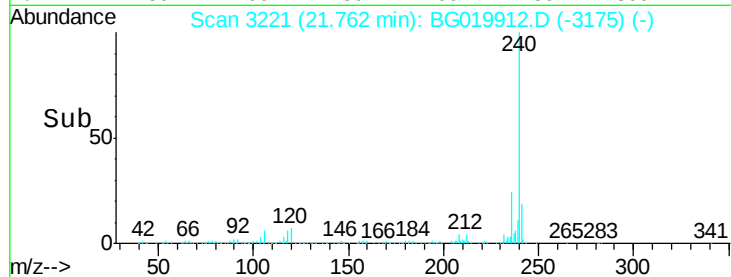
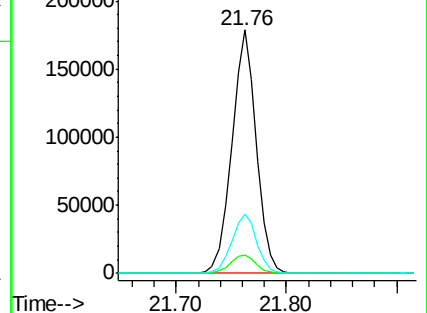
236 24.5 20.7 31.1



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



#78

Terphenyl-d14

Concen: 83.96 ng

RT: 20.09 min Scan# 2937

Delta R.T. -0.02 min

Lab File: BG019912.D

Acq: 4 Dec 2015 19:47

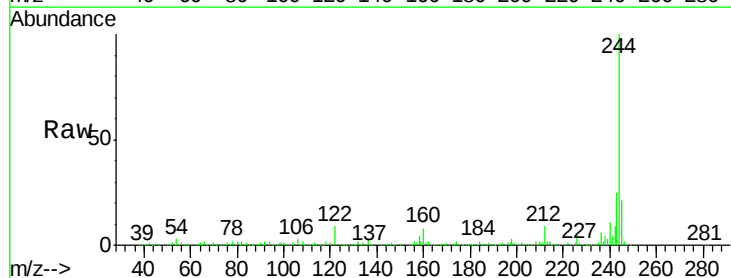
Tgt Ion:244 Resp: 945180

Ion Ratio Lower Upper

244 100

212 8.6 6.9 10.3

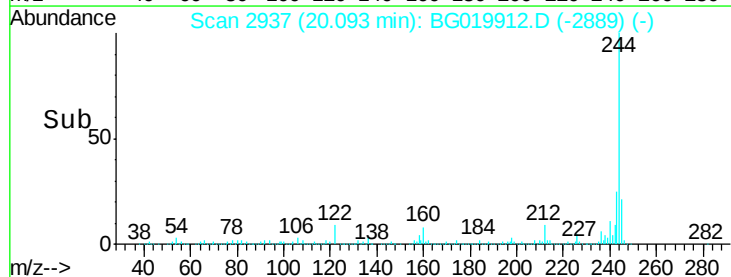
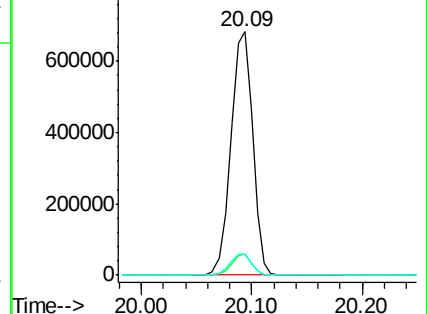
122 8.6 10.2 15.2#

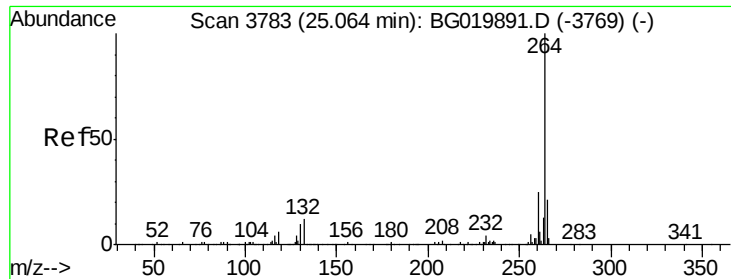


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.05 min Scan# 3780
Delta R.T. -0.05 min
Lab File: BG019912.D
Acq: 4 Dec 2015 19:47

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.5	27.7
265	20.8	17.2	25.8

