

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060816\
 Data File : BG022229.D
 Acq On : 8 Jun 2016 9:23
 Operator : UM/SJ
 Sample : H3425-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP16-LF2MW6

Quant Time: Jun 08 17:05:42 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 06 16:12:45 2016
 Response via : Initial Calibration

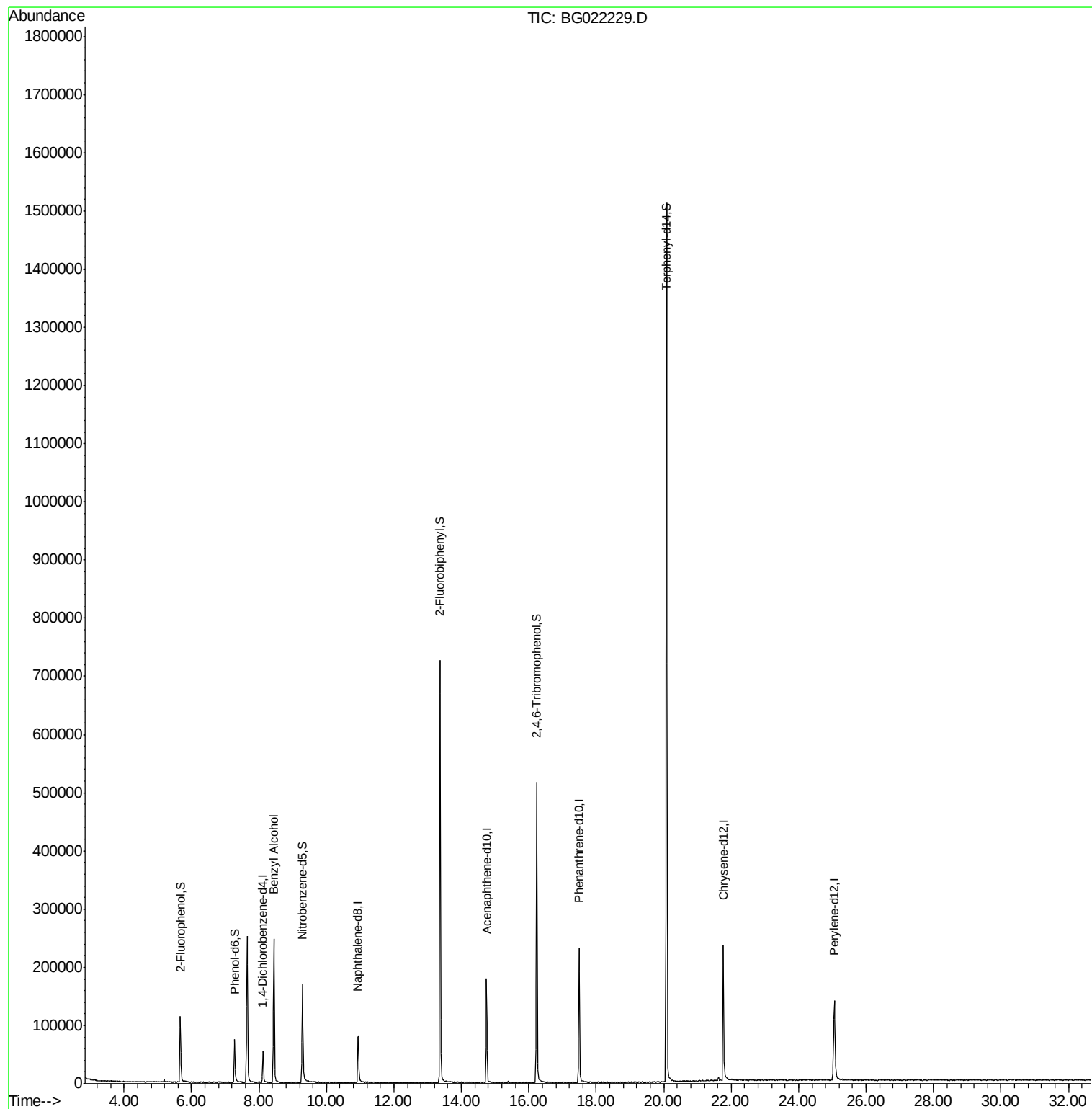
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	21070	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	107111	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	70932	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	178272	20.00	ng	0.00
75) Chrysene-d12	21.76	240	171735	20.00	ng	0.00
86) Perylene-d12	25.05	264	166286	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	83044	76.20	ng	0.00
7) Phenol-d6	7.27	99	71817	41.92	ng	0.00
23) Nitrobenzene-d5	9.29	82	145158	94.48	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	125065	156.04	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	446062	95.83	ng	0.00
78) Terphenyl-d14	20.08	244	770592	106.53	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.44	79	2250	2.03	ng	Qvalue # 54

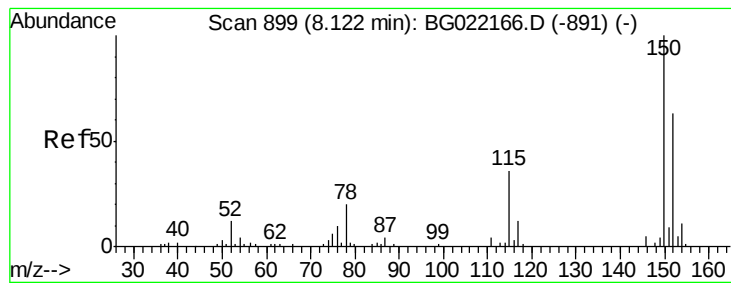
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 899

Delta R.T. -0.00 min

Lab File: BG022229.D

Acq: 8 Jun 2016 9:23

Instrument :

BNA_G

ClientSampleId :

SP16-LF2MW6

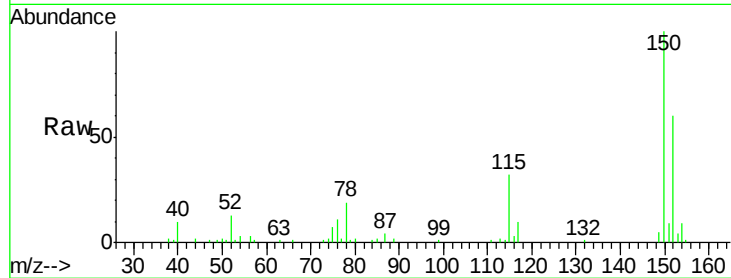
Tgt Ion:152 Resp: 21070

Ion Ratio Lower Upper

152 100

150 167.2 130.1 195.1

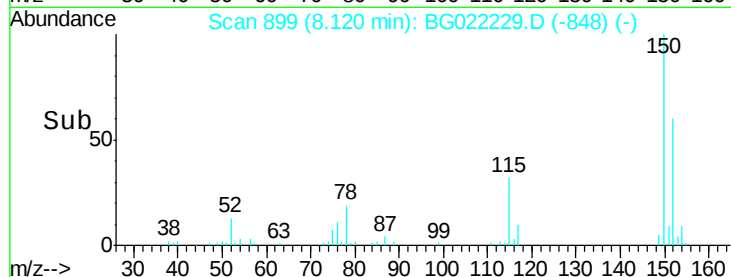
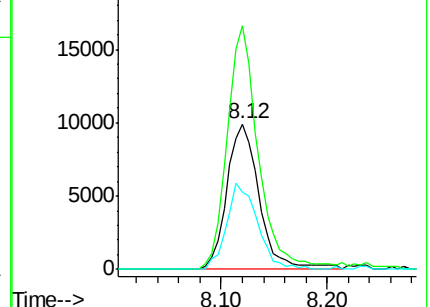
115 53.1 62.2 93.2#



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: 76.20 ng

RT: 5.66 min Scan# 481

Delta R.T. -0.00 min

Lab File: BG022229.D

Acq: 8 Jun 2016 9:23

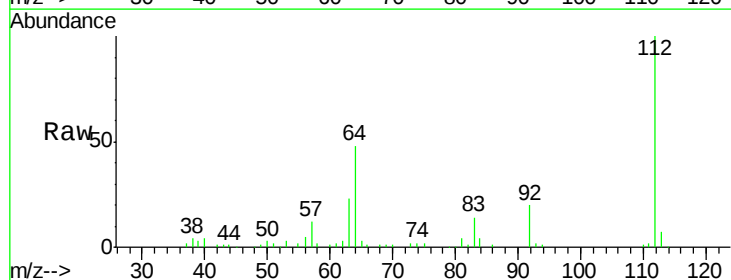
Tgt Ion:112 Resp: 83044

Ion Ratio Lower Upper

112 100

64 47.8 51.1 76.7#

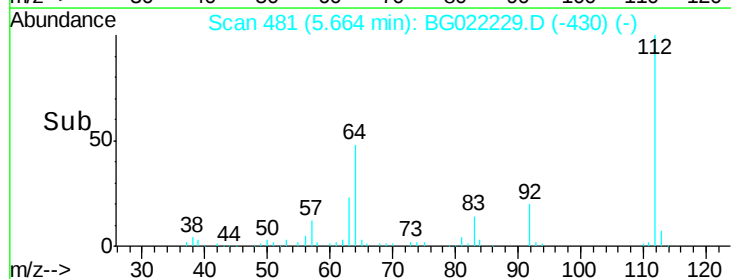
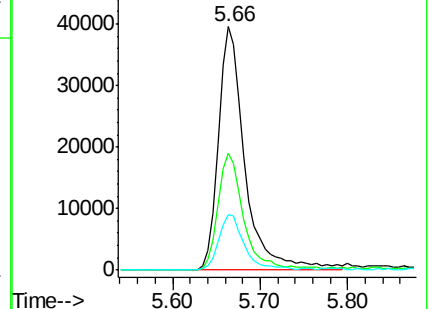
63 23.0 24.6 37.0#



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: 41.92 ng

RT: 7.27 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG022229.D

Acq: 8 Jun 2016 9:23

Instrument :

BNA_G

ClientSampleId :

SP16-LF2MW6

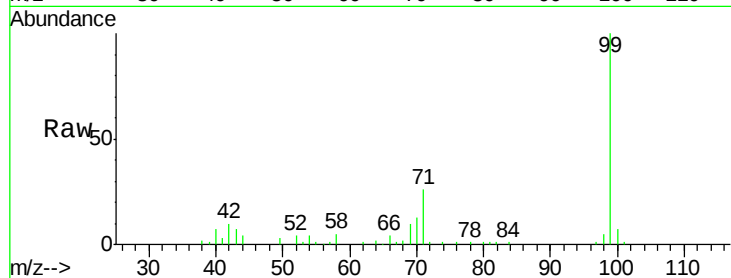
Tgt Ion: 99 Resp: 71817

Ion Ratio Lower Upper

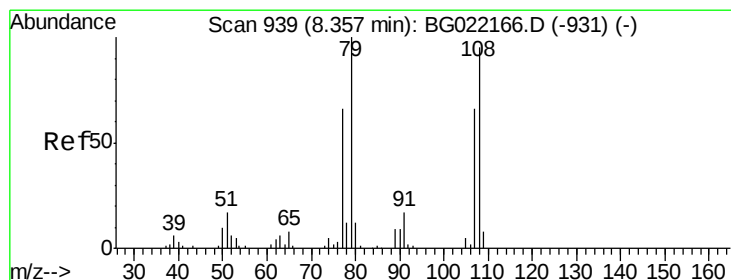
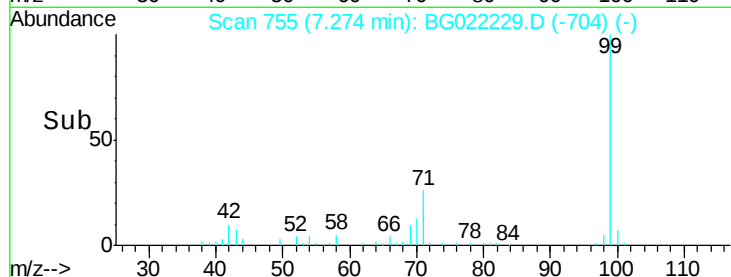
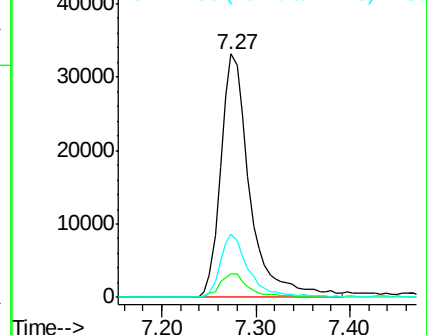
99 100

42 9.8 16.4 24.6#

71 26.1 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



#15

Benzyl Alcohol

Concen: 2.03 ng

RT: 8.44 min Scan# 954

Delta R.T. 0.09 min

Lab File: BG022229.D

Acq: 8 Jun 2016 9:23

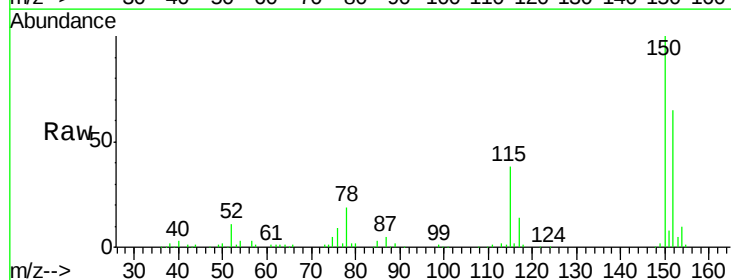
Tgt Ion: 79 Resp: 2250

Ion Ratio Lower Upper

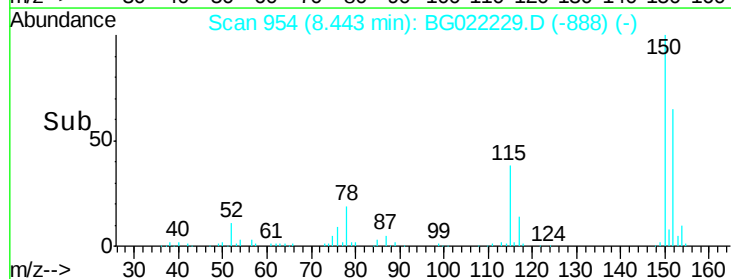
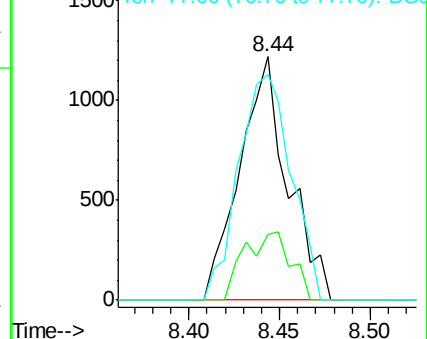
79 100

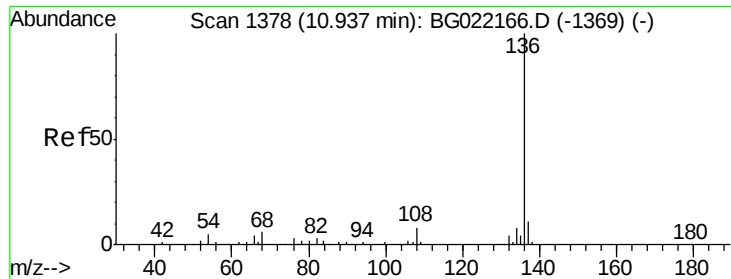
108 26.9 59.4 89.0#

77 92.5 52.2 78.2#



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

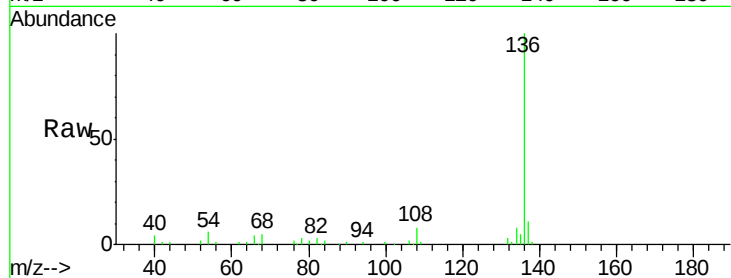




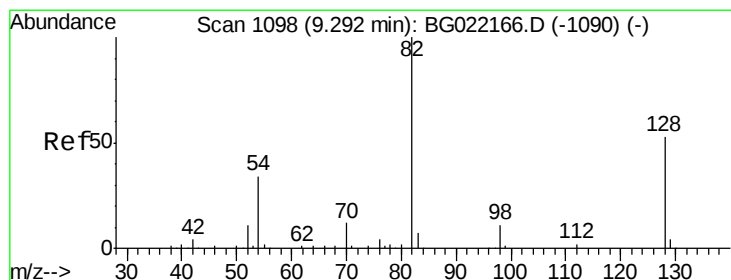
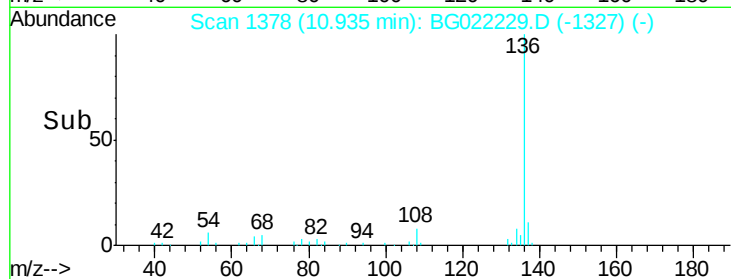
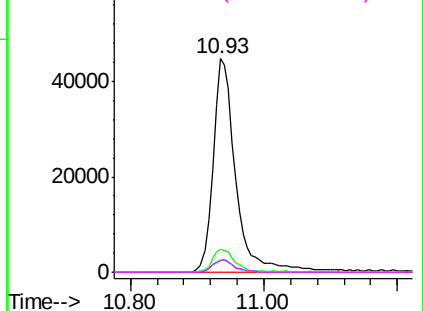
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BG022229.D
Acq: 8 Jun 2016 9:23

Instrument :
BNA_G
ClientSampleId :
SP16-LF2MW6

Tgt Ion:	136	Resp:	107111
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	5.9	9.6	14.4#
68	5.1	6.4	9.6#

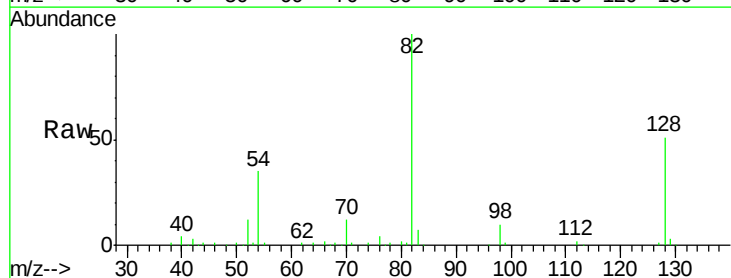


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

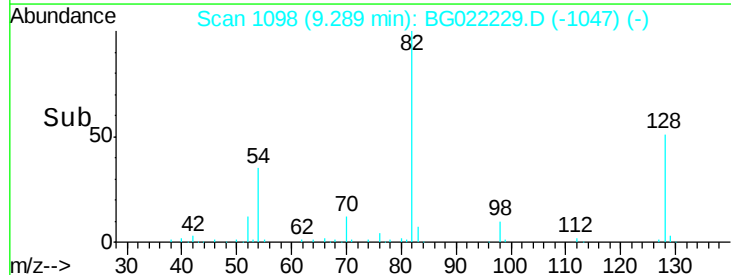
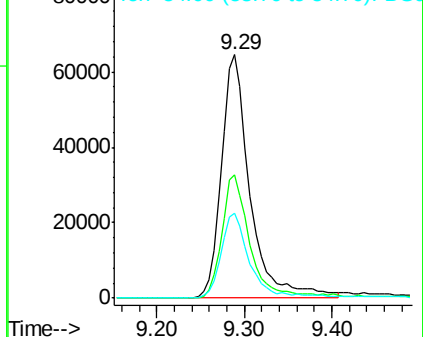


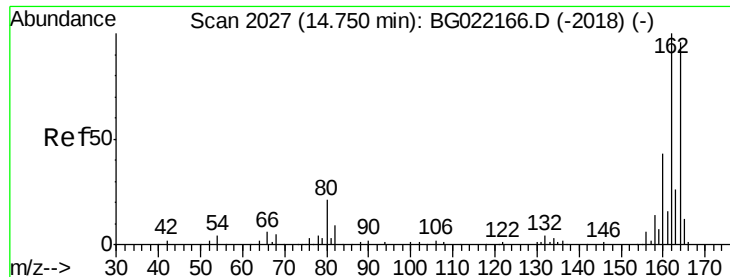
#23
Nitrobenzene-d5
Concen: 94.48 ng
RT: 9.29 min Scan# 1098
Delta R.T. -0.00 min
Lab File: BG022229.D
Acq: 8 Jun 2016 9:23

Tgt Ion:	82	Resp:	145158
Ion	Ratio	Lower	Upper
82	100		
128	50.8	33.4	50.0#
54	34.9	46.1	69.1#



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.75 min Scan# 227

Delta R.T. -0.00 min

Lab File: BG022229.D

Acq: 8 Jun 2016 9:23

Instrument :

BNA_G

ClientSampleId :

SP16-LF2MW6

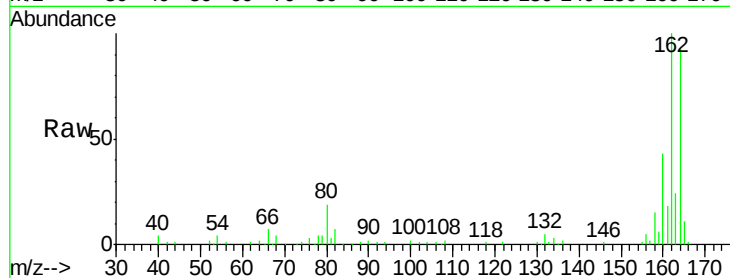
Tgt Ion:164 Resp: 70932

Ion Ratio Lower Upper

164 100

162 107.6 78.0 117.0

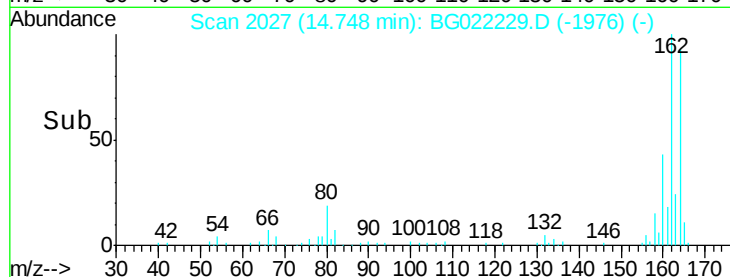
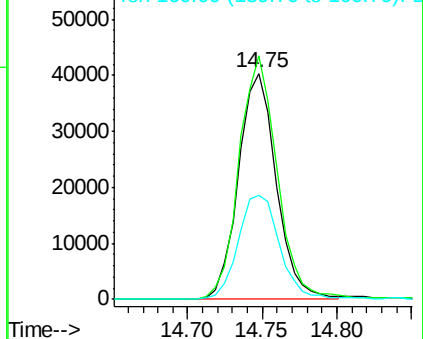
160 45.8 32.9 49.3



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: 156.04 ng

RT: 16.23 min Scan# 2280

Delta R.T. -0.00 min

Lab File: BG022229.D

Acq: 8 Jun 2016 9:23

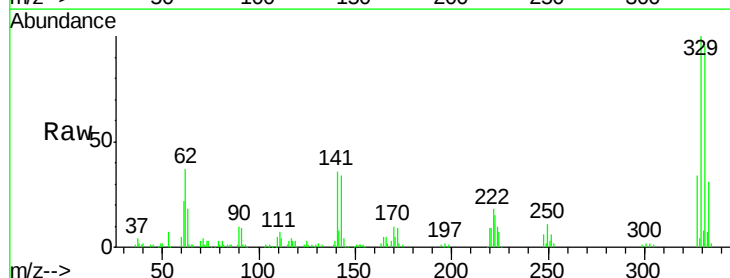
Tgt Ion:330 Resp: 125065

Ion Ratio Lower Upper

330 100

332 94.2 78.0 117.0

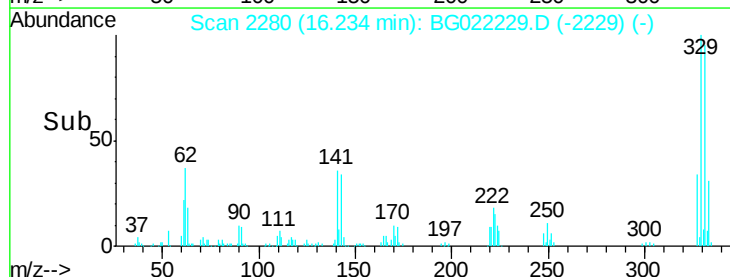
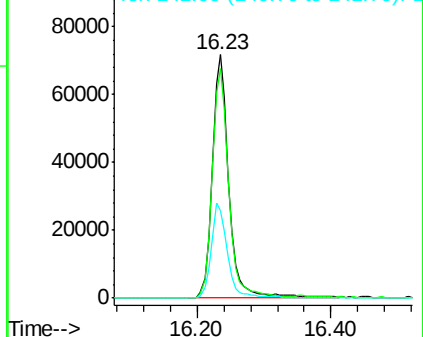
141 38.5 33.8 50.8

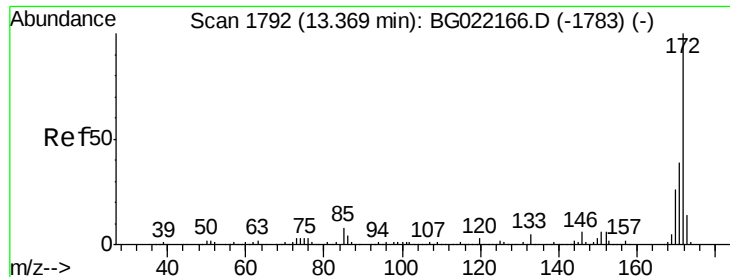


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

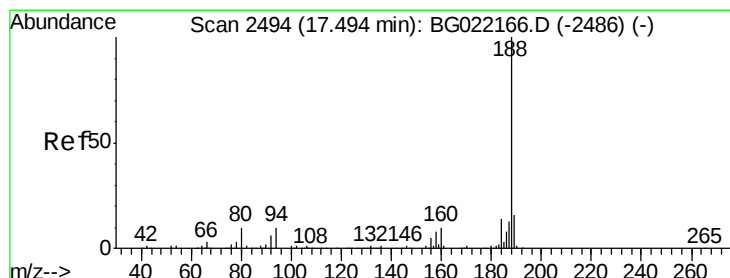
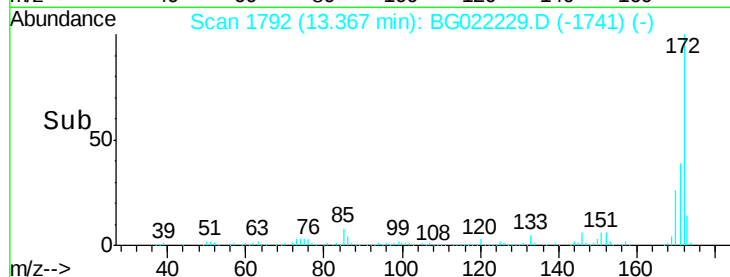
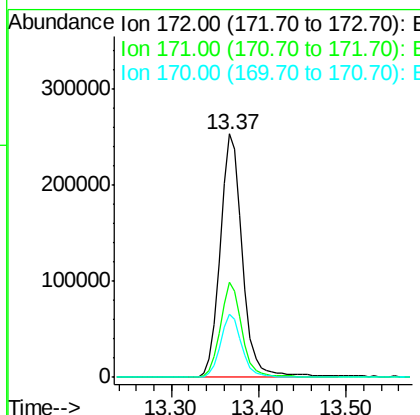
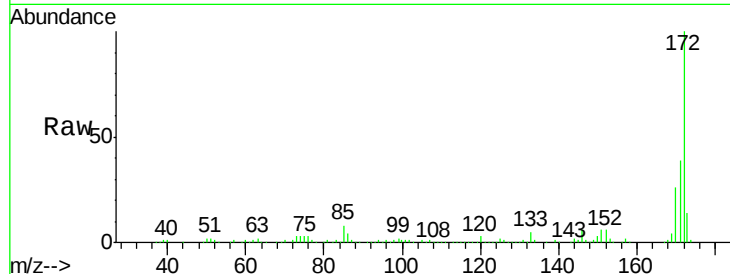




#44
 2-Fluorobiphenyl
 Concen: 95.83 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: BG022229.D
 Acq: 8 Jun 2016 9:23

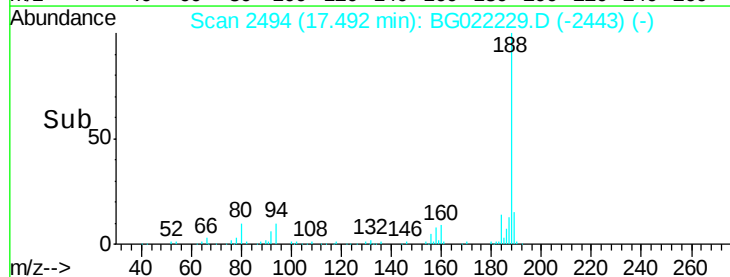
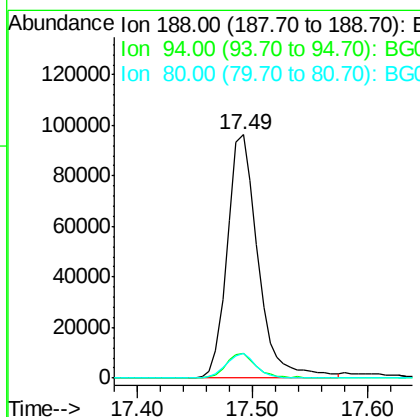
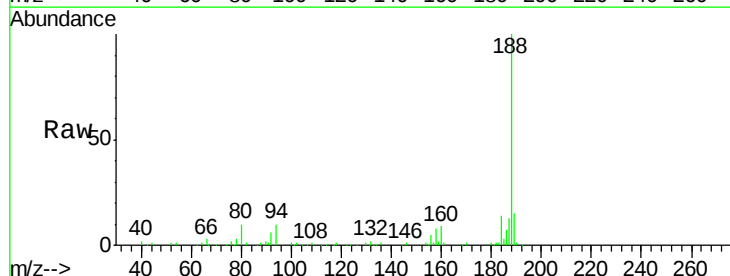
Instrument :
 BNA_G
 ClientSampleId :
 SP16-LF2MW6

Tgt Ion:172 Resp: 446062
 Ion Ratio Lower Upper
 172 100
 171 38.8 27.8 41.6
 170 26.1 19.6 29.4



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.49 min Scan# 2494
 Delta R.T. -0.00 min
 Lab File: BG022229.D
 Acq: 8 Jun 2016 9:23

Tgt Ion:188 Resp: 178272
 Ion Ratio Lower Upper
 188 100
 94 10.4 7.5 11.3
 80 10.4 8.6 13.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3221

Delta R.T. -0.01 min

Lab File: BG022229.D

Acq: 8 Jun 2016 9:23

Instrument :

BNA_G

ClientSampleId :

SP16-LF2MW6

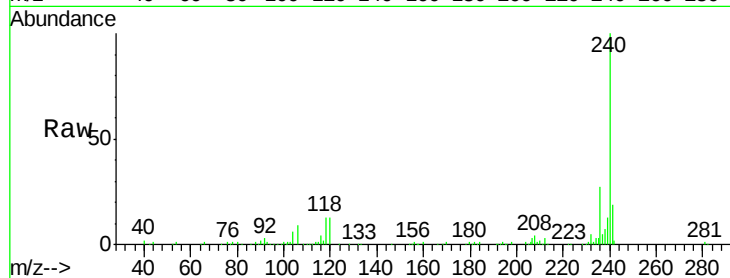
Tgt Ion:240 Resp: 171735

Ion Ratio Lower Upper

240 100

120 12.9 8.4 12.6#

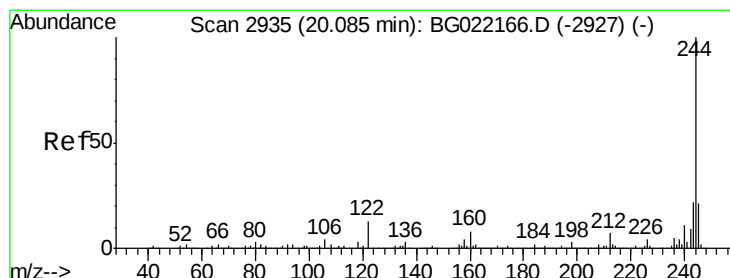
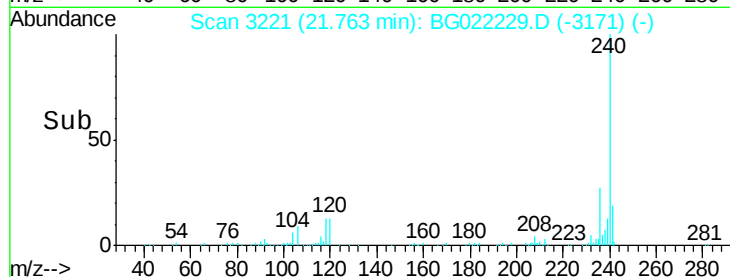
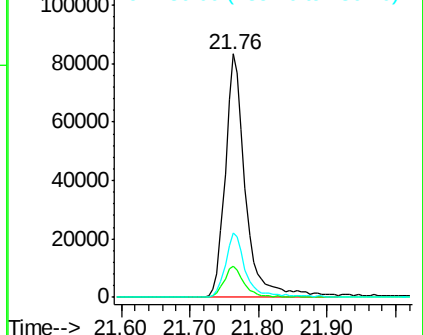
236 26.5 19.6 29.4



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: 106.53 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.00 min

Lab File: BG022229.D

Acq: 8 Jun 2016 9:23

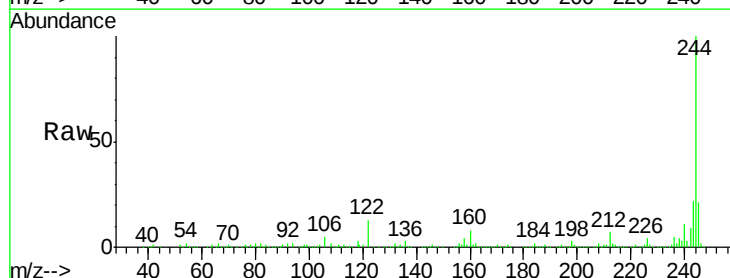
Tgt Ion:244 Resp: 770592

Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

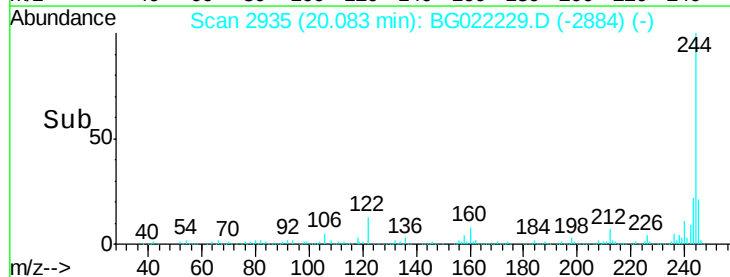
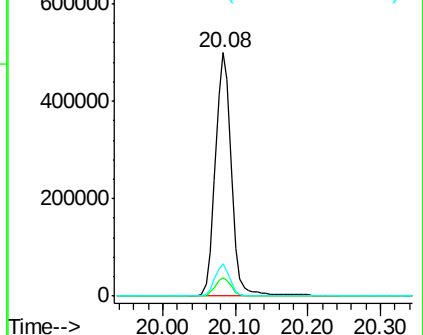
122 13.5 8.6 12.8#

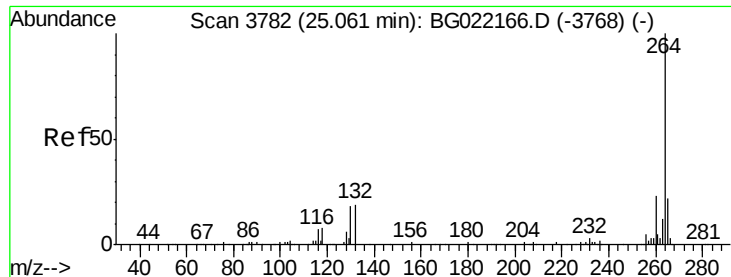


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.05 min Scan# 3781
Delta R.T. -0.01 min
Lab File: BG022229.D
Acq: 8 Jun 2016 9:23

Instrument :
BNA_G
ClientSampleId :
SP16-LF2MW6

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	20.2	30.4
265	22.5	17.8	26.8

