

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060716\
 Data File : BG022215.D
 Acq On : 7 Jun 2016 22:08
 Operator : UM/SJ
 Sample : H3387-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP16-LF2MW3

Quant Time: Jun 08 03:12:49 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	21387	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	105139	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	71713	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	179145	20.00	ng	0.00
75) Chrysene-d12	21.76	240	174812	20.00	ng	0.00
86) Perylene-d12	25.06	264	165741	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	78570	71.03	ng	0.00
7) Phenol-d6	7.27	99	66253	38.09	ng	0.00
23) Nitrobenzene-d5	9.29	82	163904	108.68	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	141572	174.71	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	508803	108.12	ng	0.00
78) Terphenyl-d14	20.08	244	777967	105.65	ng	0.00

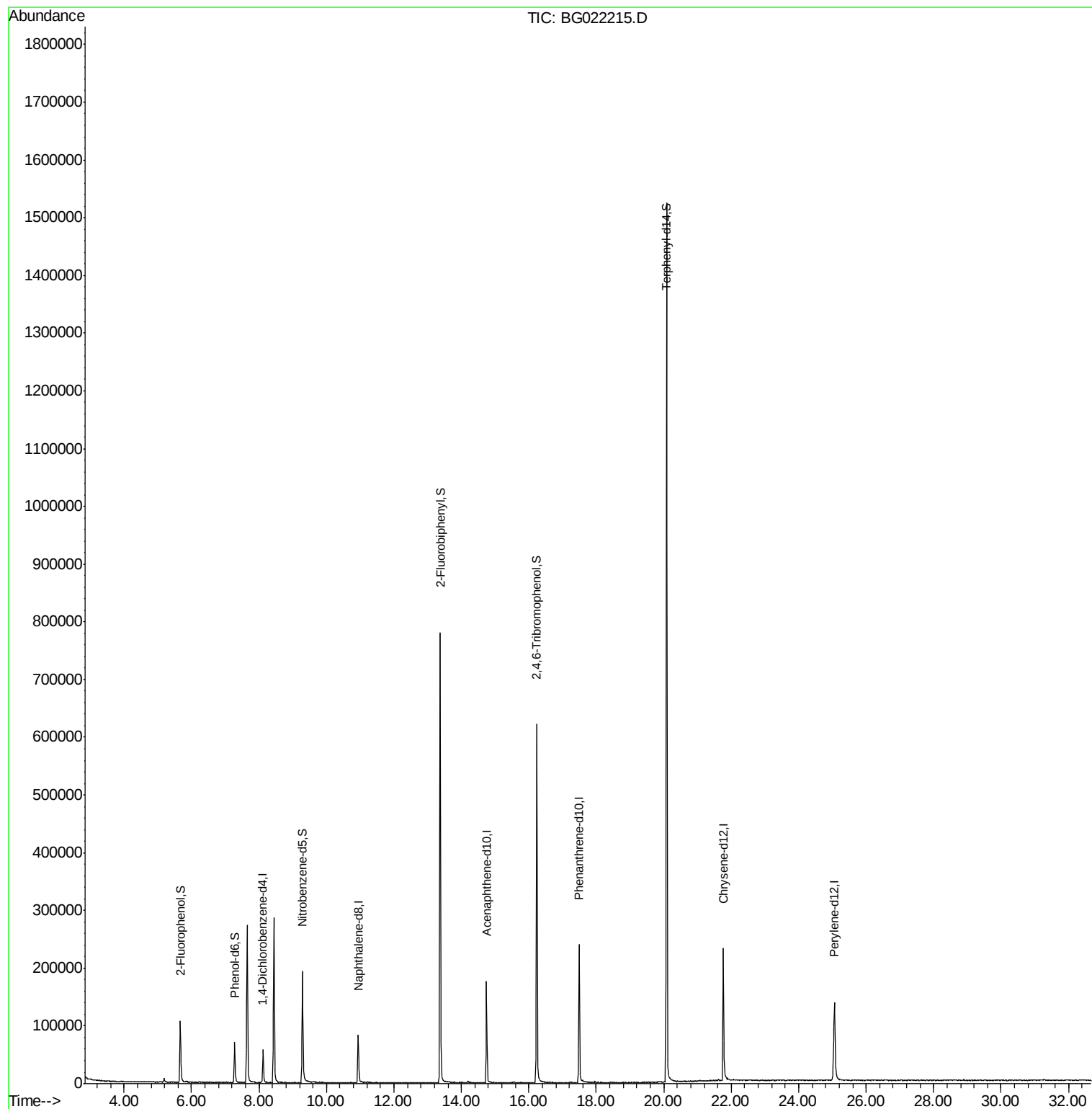
Target Compounds Qvalue

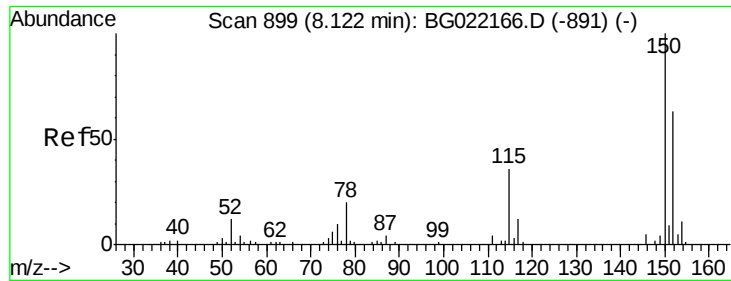
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 899

Delta R.T. -0.00 min

Lab File: BG022215.D

Acq: 7 Jun 2016 22:08

Instrument :

BNA_G

ClientSampleId :

SP16-LF2MW3

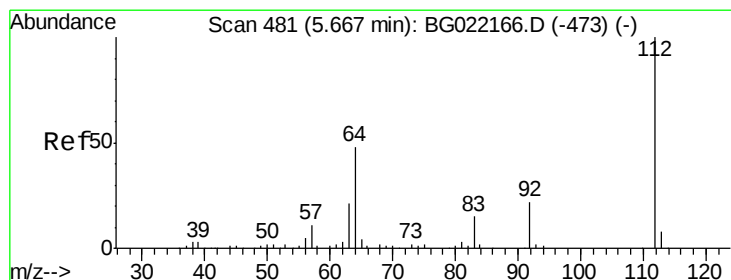
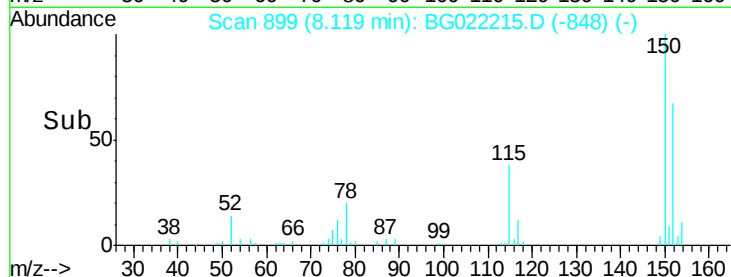
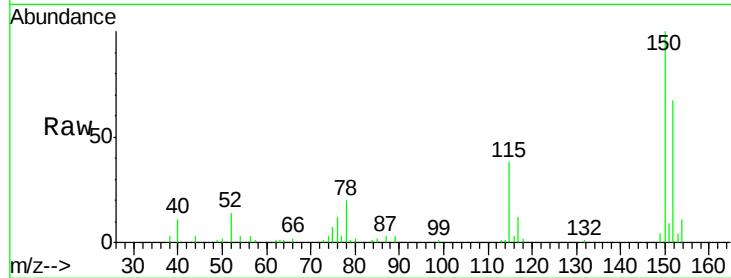
Tot Ion:152 Resp: 21387

Ion Ratio Lower Upper

152 100

150 148.6 130.1 195.1

115 57.0 62.2 93.2#



#5

2-Fluorophenol

Concen: 71.03 ng

RT: 5.66 min Scan# 481

Delta R.T. -0.00 min

Lab File: BG022215.D

Acq: 7 Jun 2016 22:08

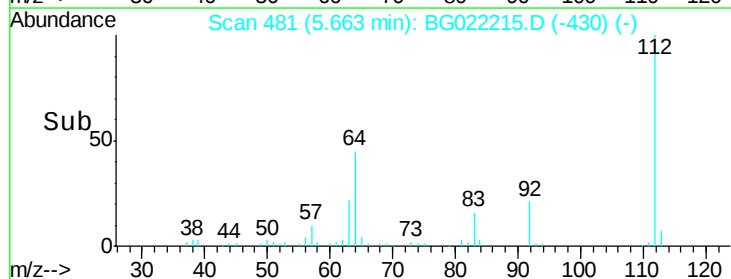
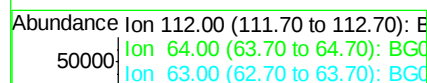
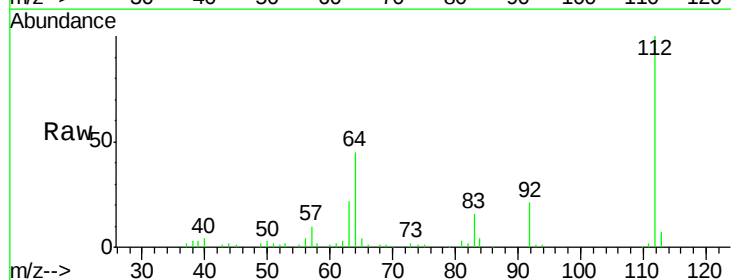
Tgt Ion:112 Resp: 78570

Ion Ratio Lower Upper

112 100

64 45.2 51.1 76.7#

63 21.6 24.6 37.0#





#7

Phenol-d6

Concen: 38.09 ng

RT: 7.27 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG022215.D

Acq: 7 Jun 2016 22:08

Instrument :

BNA_G

ClientSampleId :

SP16-LF2MW3

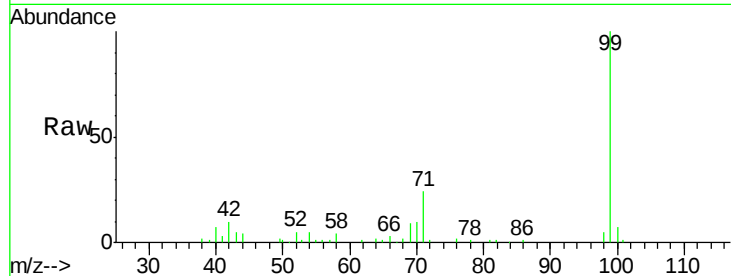
Tot Ion: 99 Resp: 66253

Ion Ratio Lower Upper

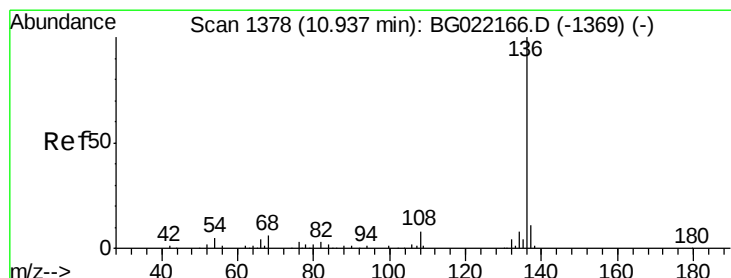
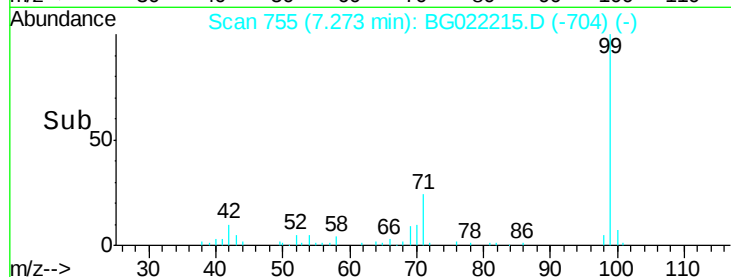
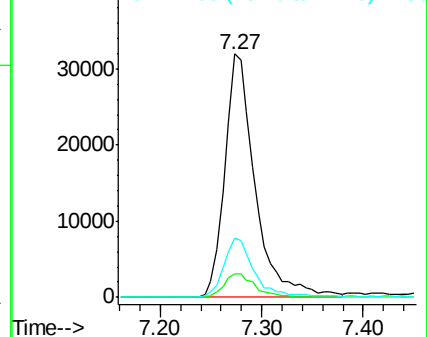
99 100

42 9.7 16.4 24.6#

71 24.5 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: 10.94 min Scan# 1379

Delta R.T. 0.00 min

Lab File: BG022215.D

Acq: 7 Jun 2016 22:08

Tgt Ion: 136 Resp: 105139

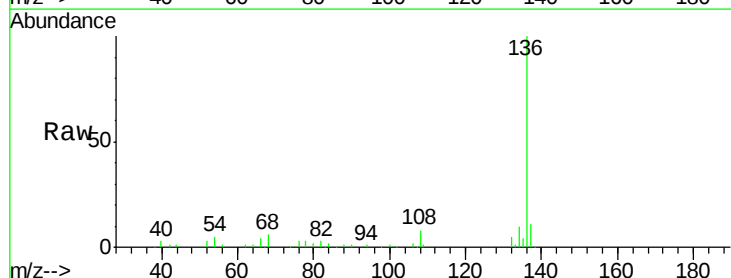
Ion Ratio Lower Upper

136 100

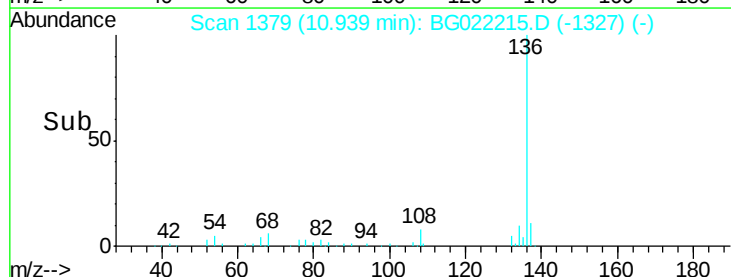
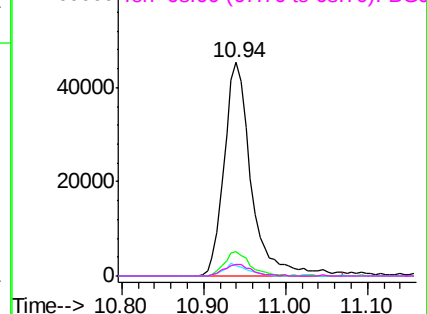
137 11.2 9.0 13.4

54 4.9 9.6 14.4#

68 5.7 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

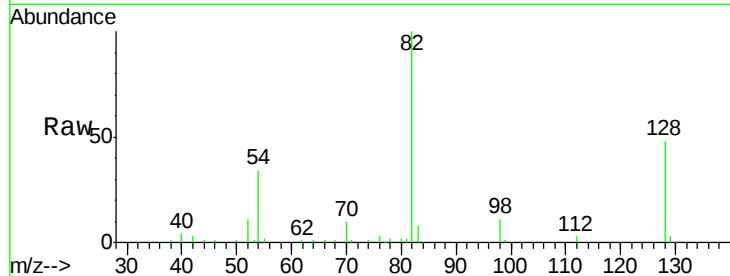




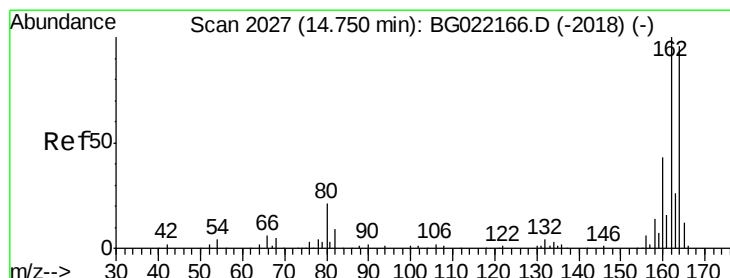
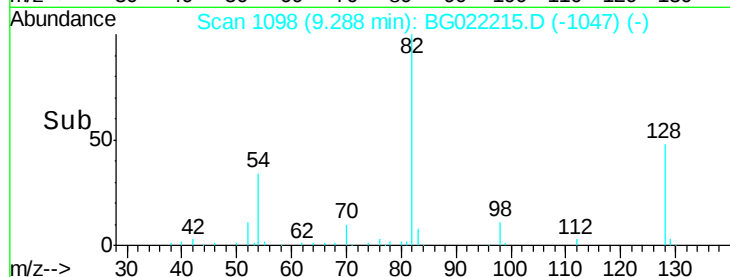
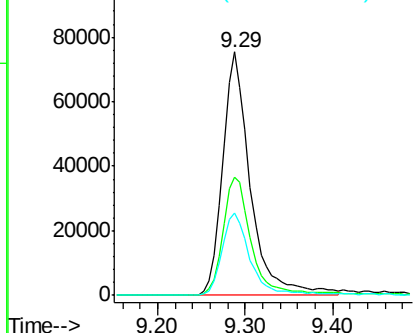
#23
Nitrobenzene-d5
Concen: 108.68 ng
RT: 9.29 min Scan# 1098
Delta R.T. -0.00 min
Lab File: BG022215.D
Acq: 7 Jun 2016 22:08

Instrument :
BNA_G
ClientSampleId :
SP16-LF2MW3

Tot Ion: 82 Resp: 163904
Ion Ratio Lower Upper
82 100
128 48.4 33.4 50.0
54 33.8 46.1 69.1#

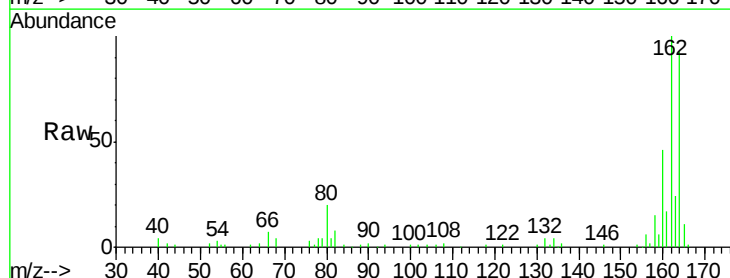


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

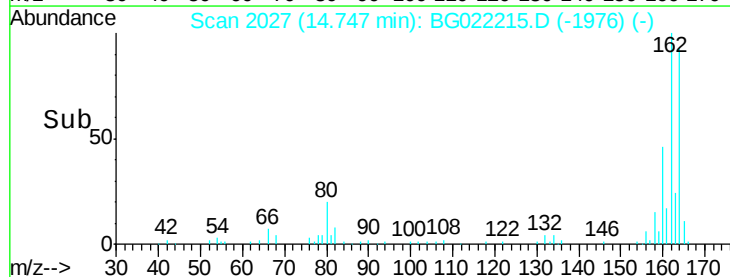
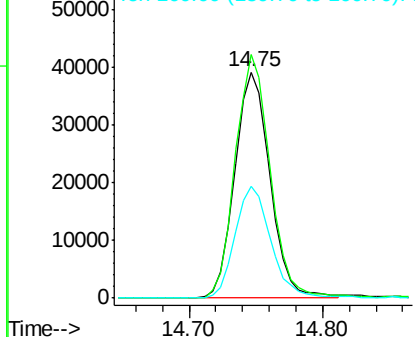


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BG022215.D
Acq: 7 Jun 2016 22:08

Tgt Ion:164 Resp: 71713
Ion Ratio Lower Upper
164 100
162 107.9 78.0 117.0
160 49.8 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

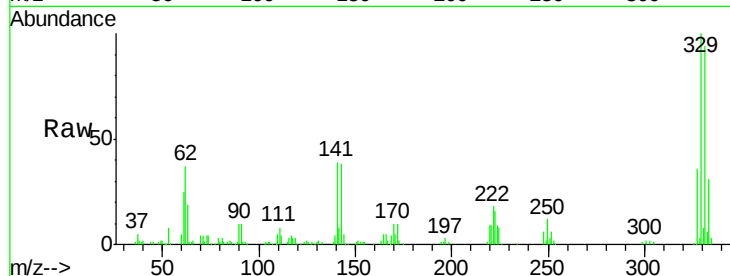




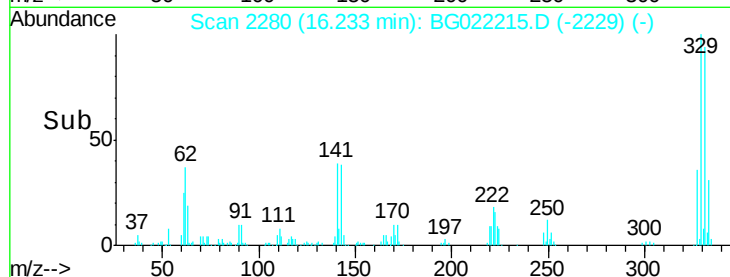
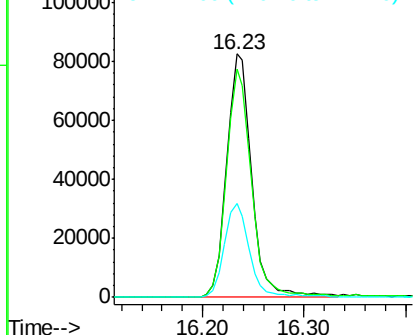
#41
 2,4,6-Tribromophenol
 Concen: 174.71 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BG022215.D
 Acq: 7 Jun 2016 22:08

Instrument :
 BNA_G
 ClientSampleId :
 SP16-LF2MW3

Tot Ion:330 Resp: 141572
 Ion Ratio Lower Upper
 330 100
 332 94.1 78.0 117.0
 141 38.9 33.8 50.8

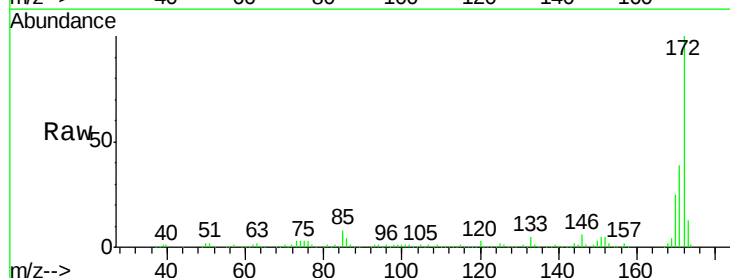


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

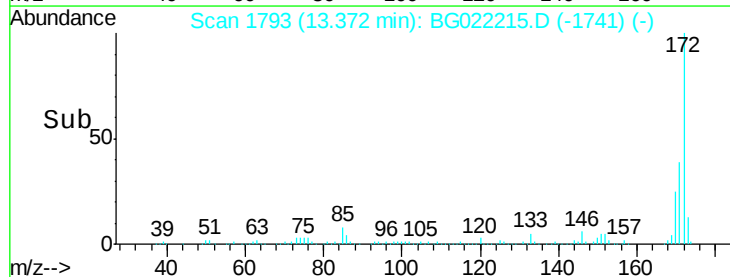
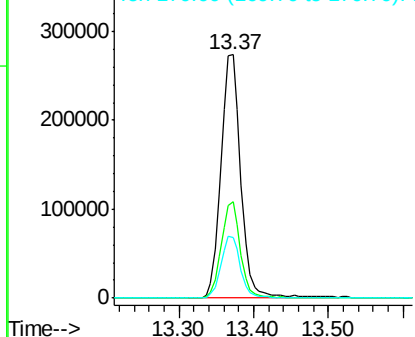


#44
 2-Fluorobiphenyl
 Concen: 108.12 ng
 RT: 13.37 min Scan# 1793
 Delta R.T. 0.00 min
 Lab File: BG022215.D
 Acq: 7 Jun 2016 22:08

Tgt Ion:172 Resp: 508803
 Ion Ratio Lower Upper
 172 100
 171 39.4 27.8 41.6
 170 25.1 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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.49 min Scan# 2494

Delta R.T. -0.00 min

Lab File: BG022215.D

Acq: 7 Jun 2016 22:08

Instrument :

BNA_G

ClientSampleId :

SP16-LF2MW3

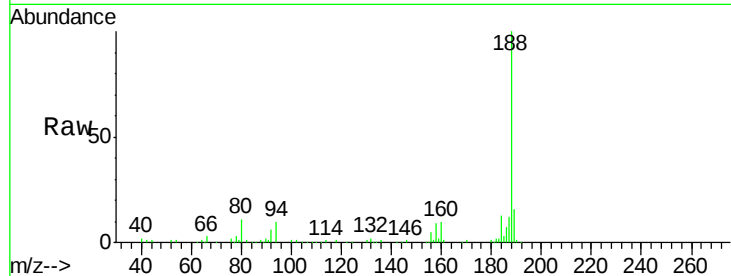
Tot Ion:188 Resp: 179145

Ion Ratio Lower Upper

188 100

94 10.0 7.5 11.3

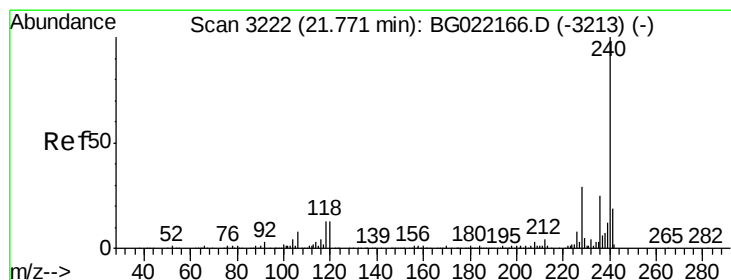
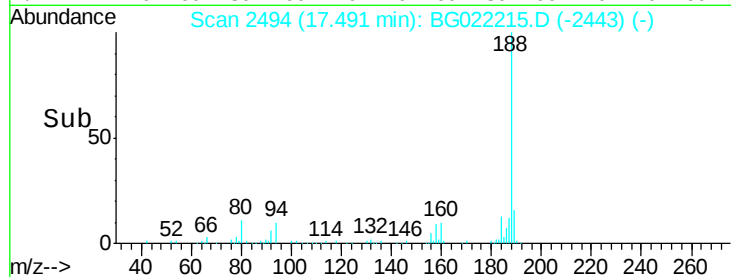
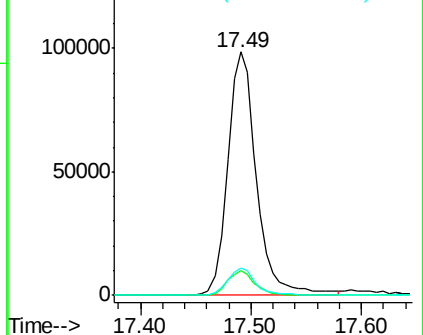
80 11.5 8.6 13.0



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: 21.76 min Scan# 3221

Delta R.T. -0.01 min

Lab File: BG022215.D

Acq: 7 Jun 2016 22:08

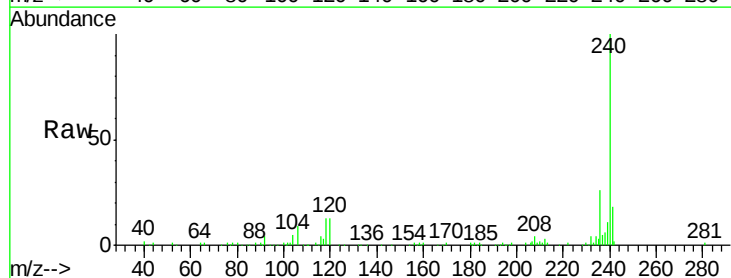
Tgt Ion:240 Resp: 174812

Ion Ratio Lower Upper

240 100

120 12.8 8.4 12.6#

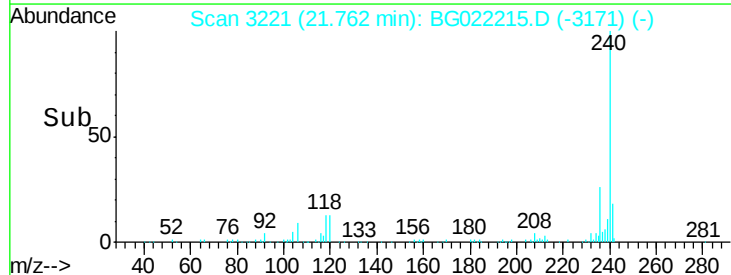
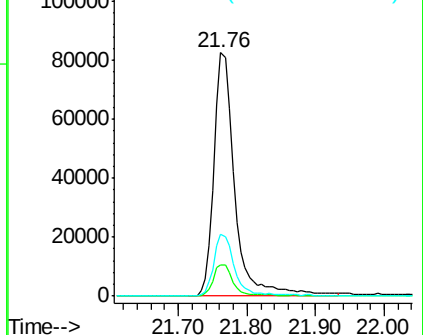
236 25.5 19.6 29.4

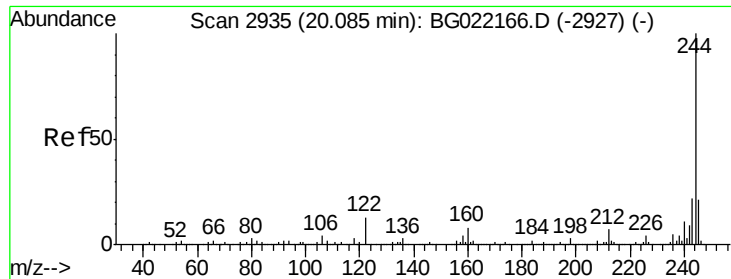


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 105.65 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.00 min

Lab File: BG022215.D

Acq: 7 Jun 2016 22:08

Instrument :

BNA_G

ClientSampleId :

SP16-LF2MW3

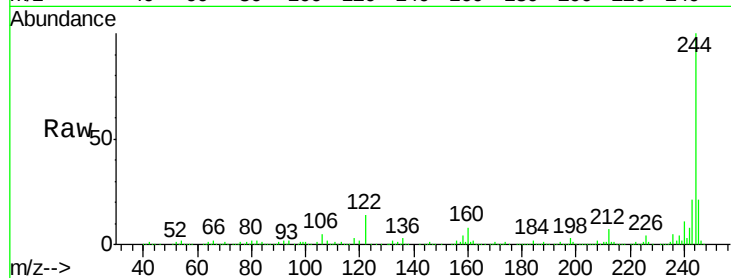
Tot Ion:244 Resp: 777967

Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

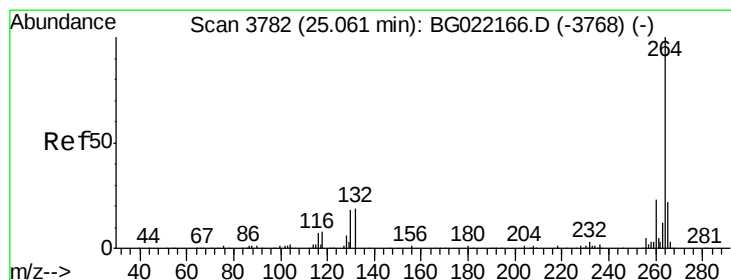
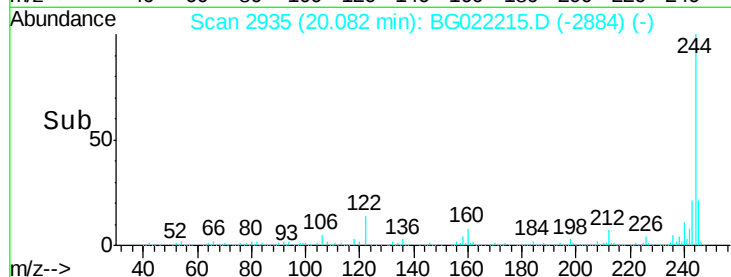
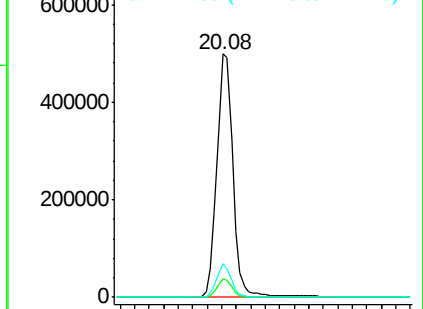
122 13.6 8.6 12.8#



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: 25.06 min Scan# 3782

Delta R.T. -0.00 min

Lab File: BG022215.D

Acq: 7 Jun 2016 22:08

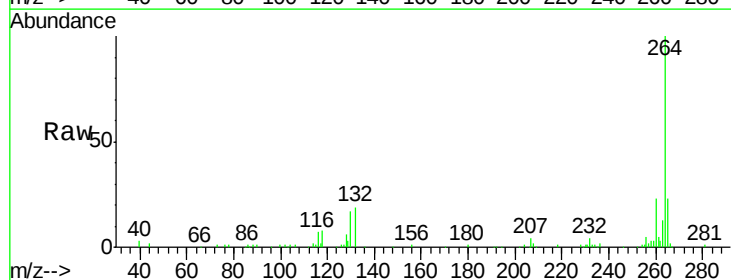
Tgt Ion:264 Resp: 165741

Ion Ratio Lower Upper

264 100

260 22.8 20.2 30.4

265 23.2 17.8 26.8



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

