

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

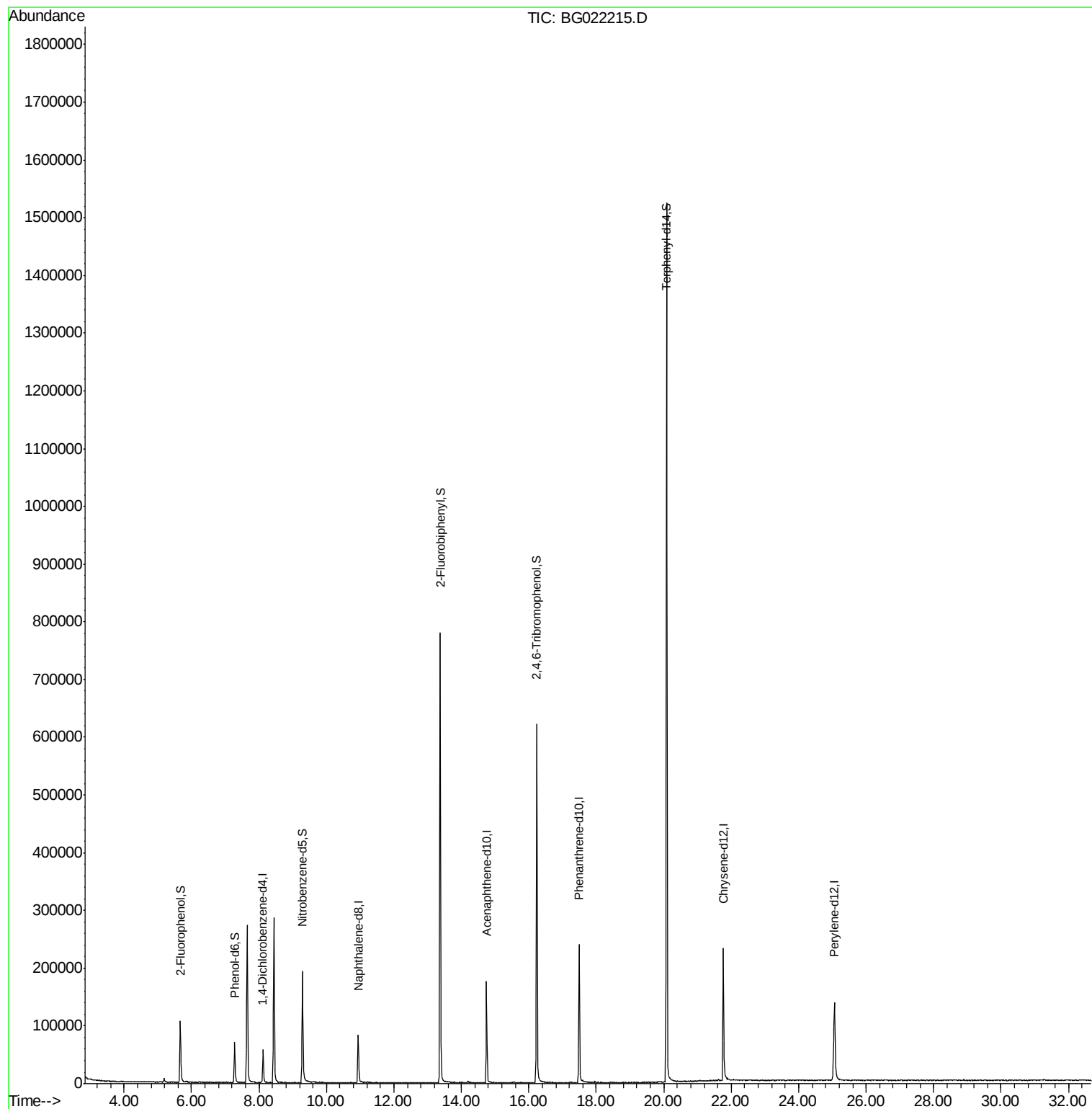
Target Compounds	Qvalue
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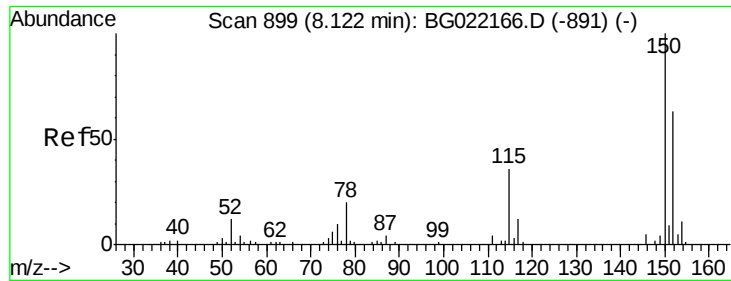
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

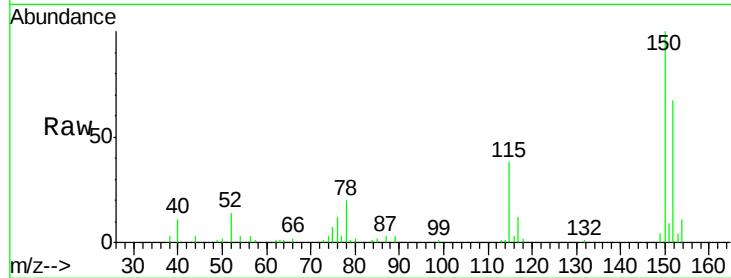
Tgt Ion:152 Resp: 21387

Ion Ratio Lower Upper

152 100

150 148.6 130.1 195.1

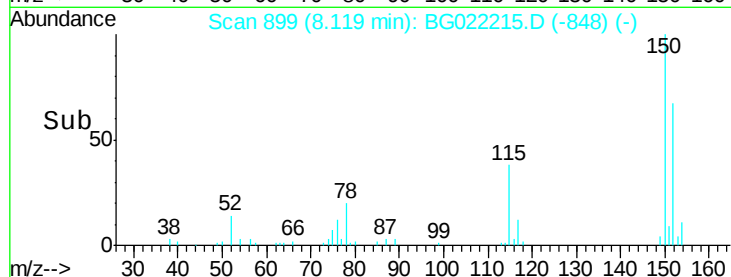
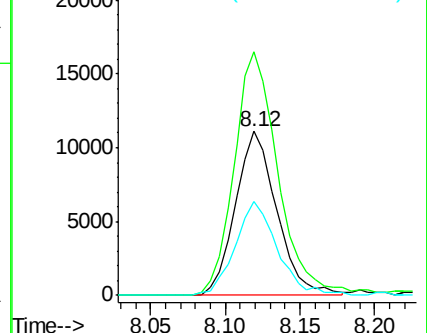
115 57.0 62.2 93.2#



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: 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

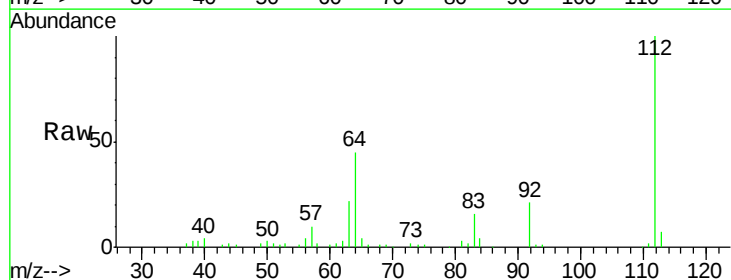
Tgt Ion:112 Resp: 78570

Ion Ratio Lower Upper

112 100

64 45.2 51.1 76.7#

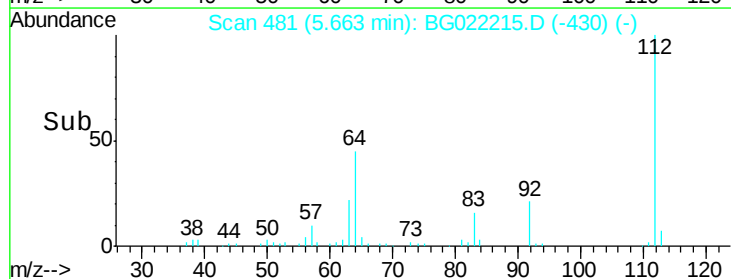
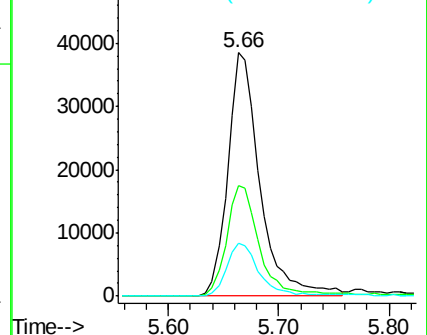
63 21.6 24.6 37.0#



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: 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

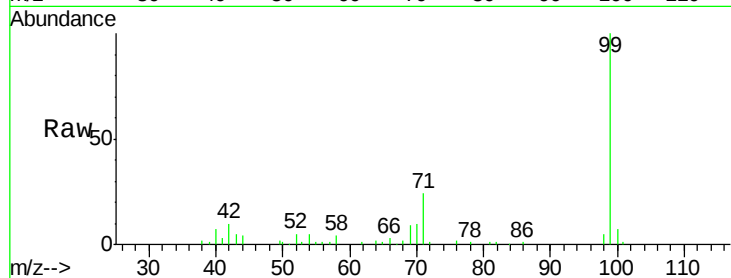
Tgt Ion: 99 Resp: 66253

Ion Ratio Lower Upper

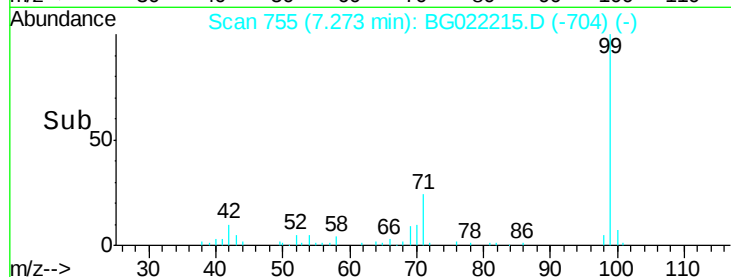
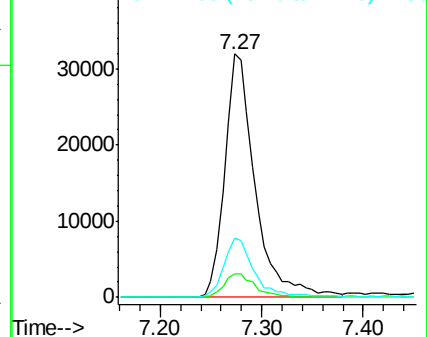
99 100

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

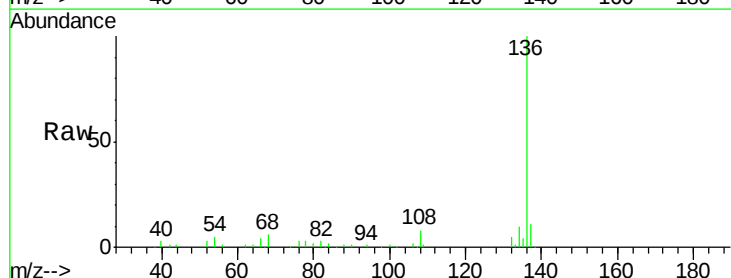
Ion Ratio Lower Upper

136 100

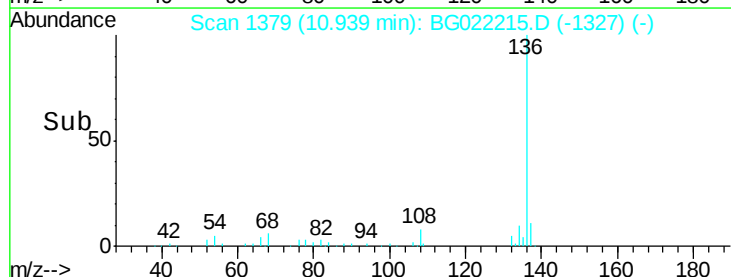
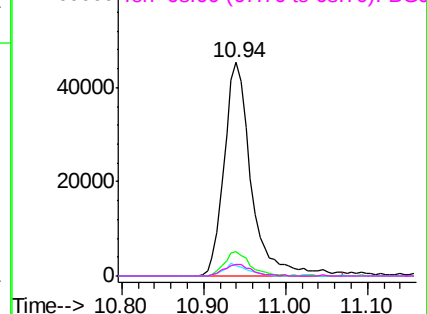
137 11.2 9.0 13.4

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

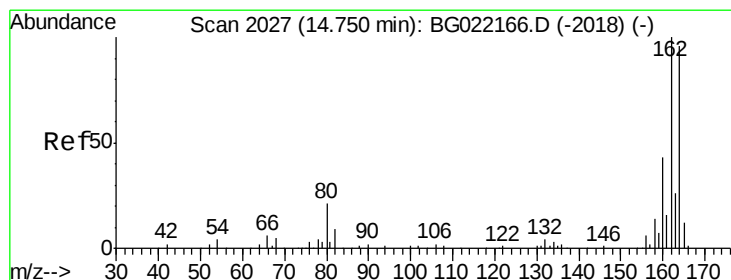
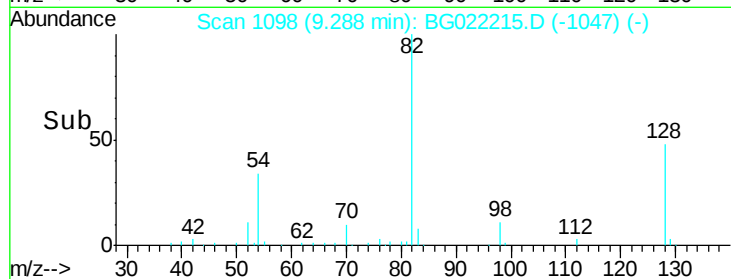
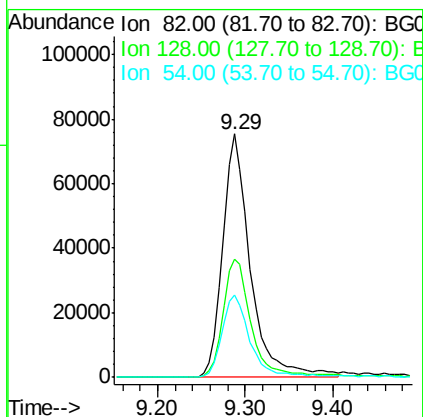
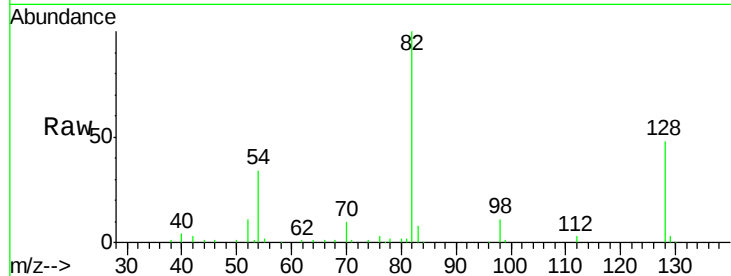




#23
 Nitrobenzene-d5
 Concen: 108.68 ng
 RT: 9.29 min Scan# 1098
 Delta R.T. -0.00 min
 Lab File: BG022215.D
 Acq: 7 Jun 2016 22:08

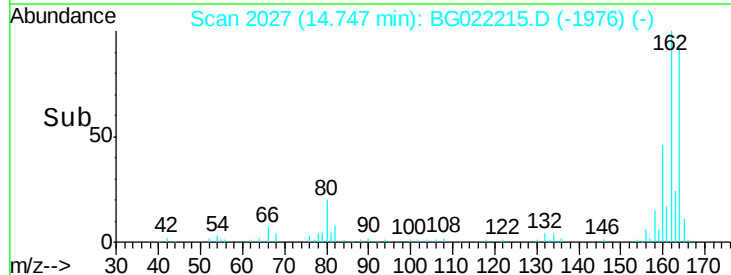
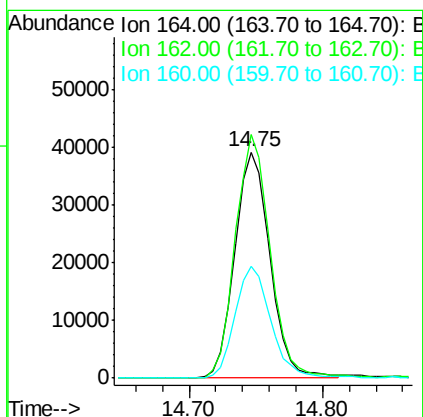
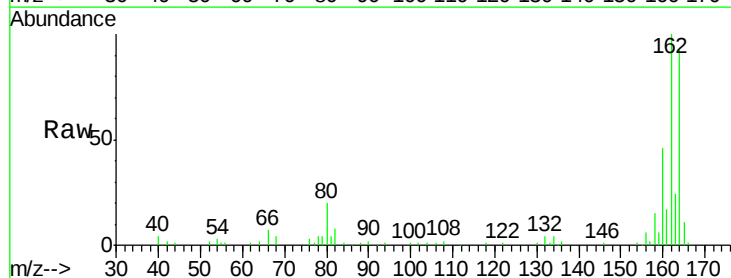
Instrument :
 BNA_G
 ClientSampleId :
 SP16-LF2MW3

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



#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#

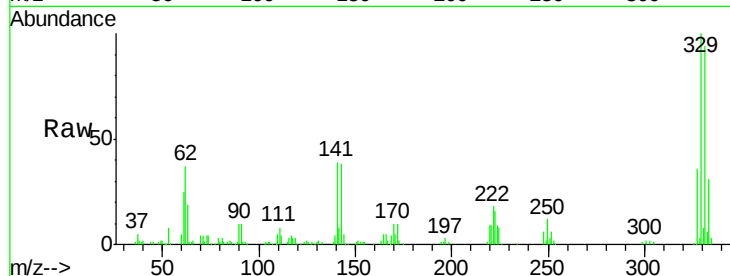




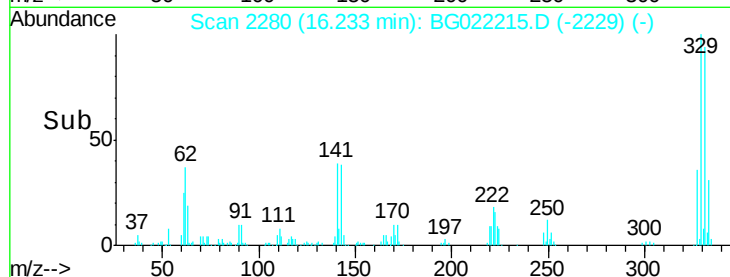
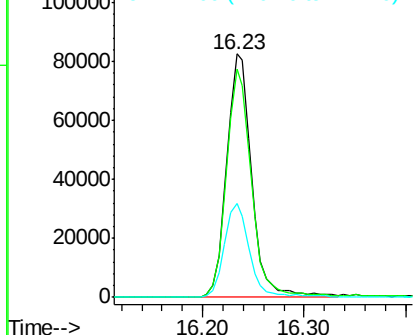
#41
 2,4,6-Tribromophenol
 Concen: 174.71 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BG022215.D
 Acq: 7 Jun 2016 22:08

Instrument :
 BNA_G
 ClientSampleId :
 SP16-LF2MW3

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

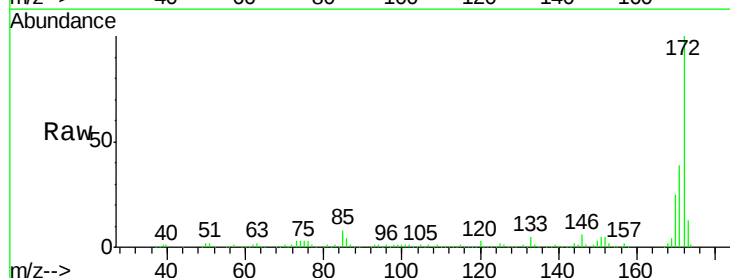


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

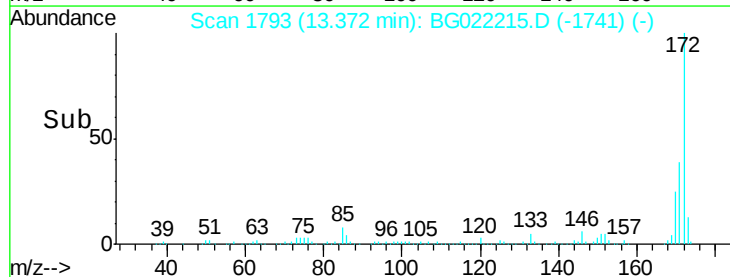
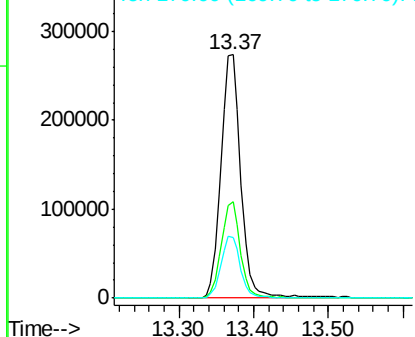


#44
 2-Fluorobiphenyl
 Concen: 108.12 ng
 RT: 13.37 min Scan# 1793
 Delta R.T. 0.00 min
 Lab File: BG022215.D
 Acq: 7 Jun 2016 22:08

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

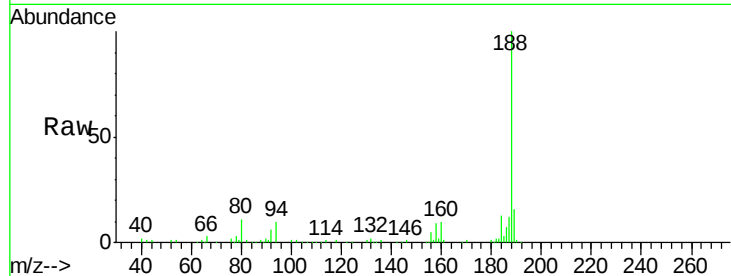
Tgt Ion:188 Resp: 179145

Ion Ratio Lower Upper

188 100

94 10.0 7.5 11.3

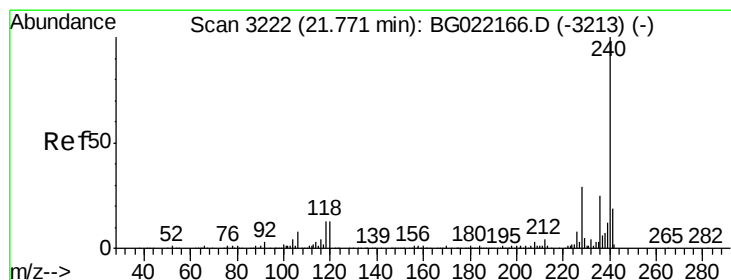
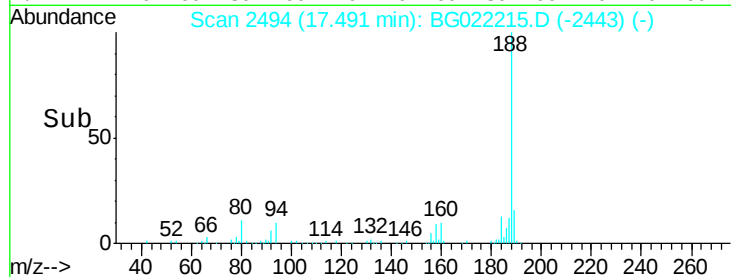
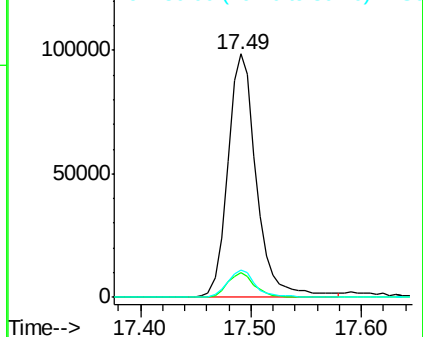
80 11.5 8.6 13.0



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

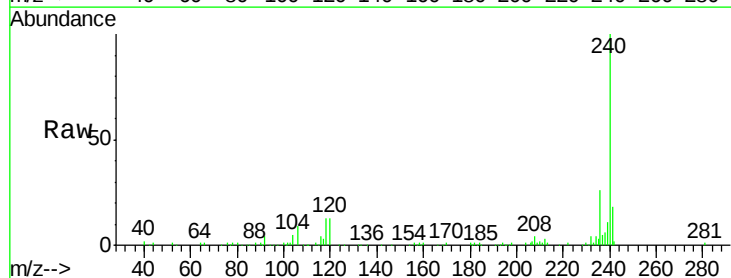
Tgt Ion:240 Resp: 174812

Ion Ratio Lower Upper

240 100

120 12.8 8.4 12.6#

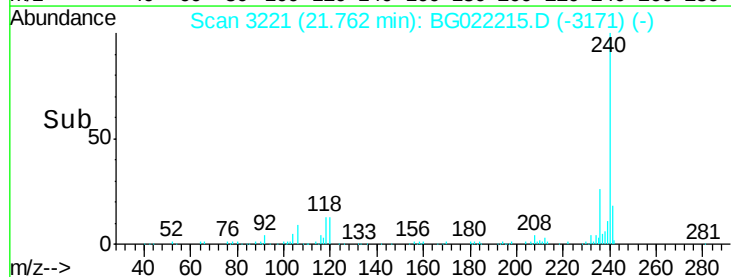
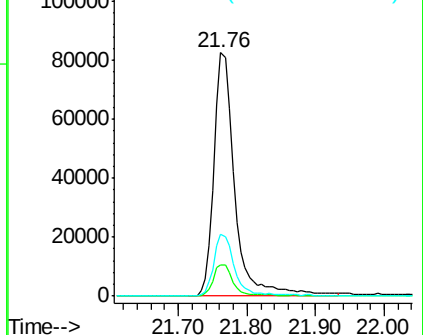
236 25.5 19.6 29.4

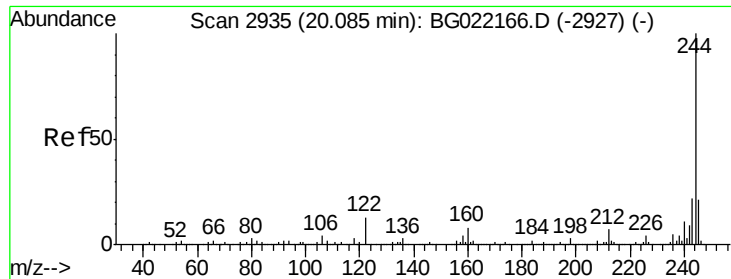


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

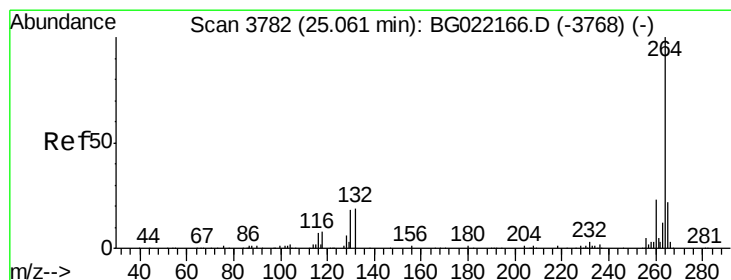
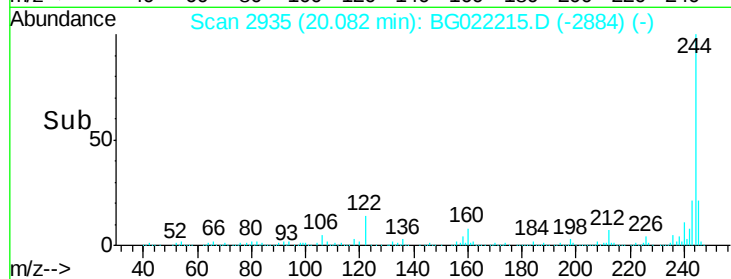
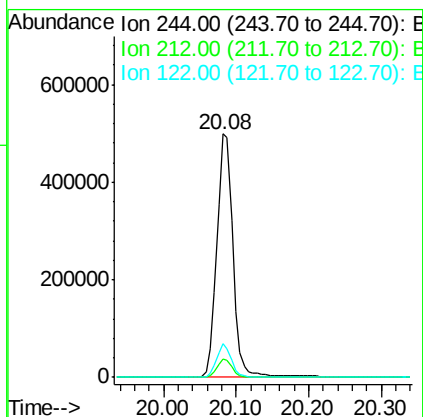
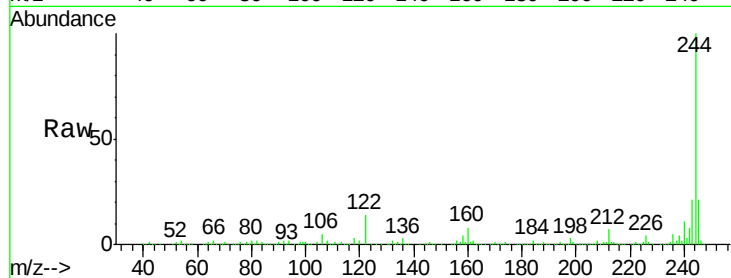




#78
 Terphenyl-d14
 Concen: 105.65 ng
 RT: 20.08 min Scan# 2935
 Delta R.T. -0.00 min
 Lab File: BG022215.D
 Acq: 7 Jun 2016 22:08

Instrument :
 BNA_G
 ClientSampleId :
 SP16-LF2MW3

Tgt Ion:244 Resp: 777967
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.5 9.7
 122 13.6 8.6 12.8#



#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

