

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092117\
 Data File : BG028870.D
 Acq On : 21 Sep 2017 23:03
 Operator : SJ/JU
 Sample : I5331-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-92017-A

Quant Time: Sep 22 02:07:33 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	32865	20.00	ng	-0.04
21) Naphthalene-d8	11.11	136	131200	20.00	ng	-0.04
38) Acenaphthene-d10	14.90	164	94046	20.00	ng	-0.04
63) Phenanthrene-d10	17.66	188	257822	20.00	ng	-0.04
75) Chrysene-d12	21.98	240	293819	20.00	ng	-0.05
86) Perylene-d12	25.45	264	277567	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	313689	157.49	ng	-0.04
7) Phenol-d6	7.45	99	391116	130.42	ng	-0.04
23) Nitrobenzene-d5	9.46	82	289037	105.39	ng	-0.05
41) 2,4,6-Tribromophenol	16.40	330	244172	156.98	ng	-0.04
44) 2-Fluorobiphenyl	13.52	172	744207	105.52	ng	-0.04
78) Terphenyl-d14	20.25	244	1507571	109.42	ng	-0.04

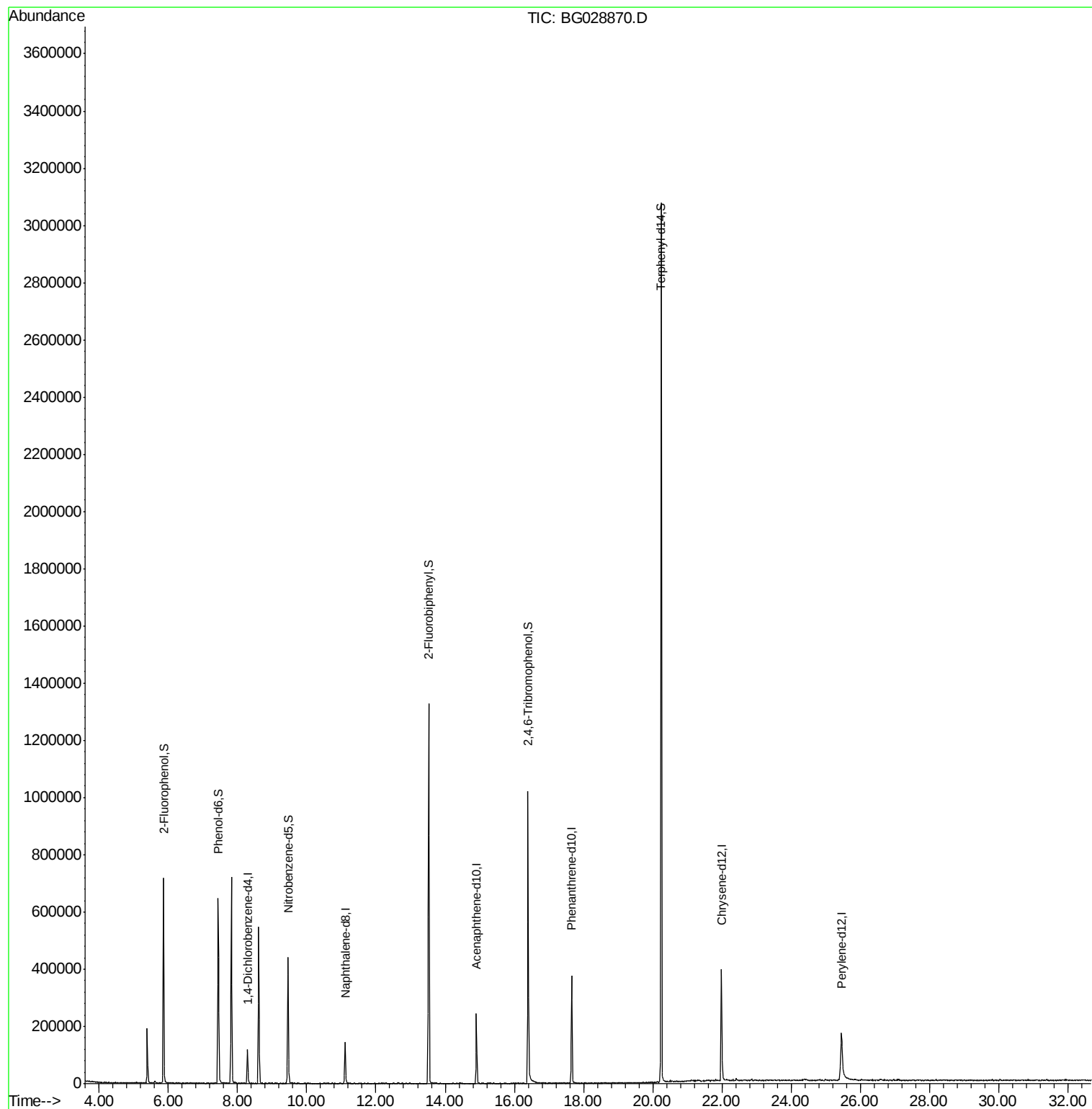
Target Compounds Qvalue

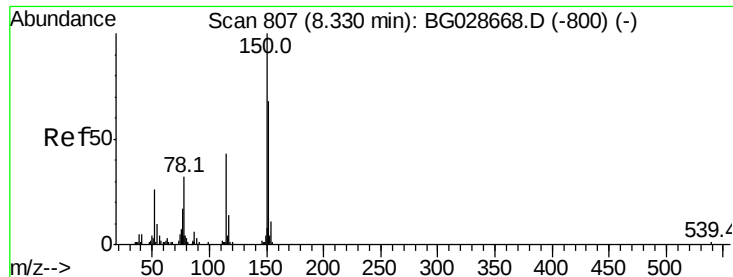
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.29 min Scan# 800

Delta R.T. -0.04 min

Lab File: BG028870.D

Acq: 21 Sep 2017 23:03

Instrument :

BNA_G

ClientSampleId :

HR-05-92017-A

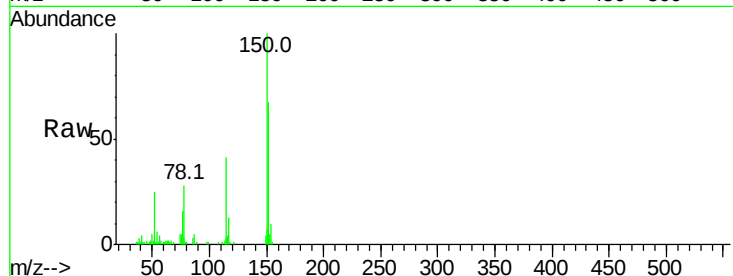
Tot Ion:152 Resp: 32865

Ion Ratio Lower Upper

152 100

150 149.8 114.0 171.0

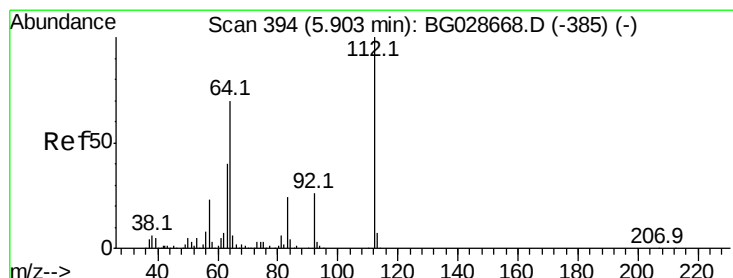
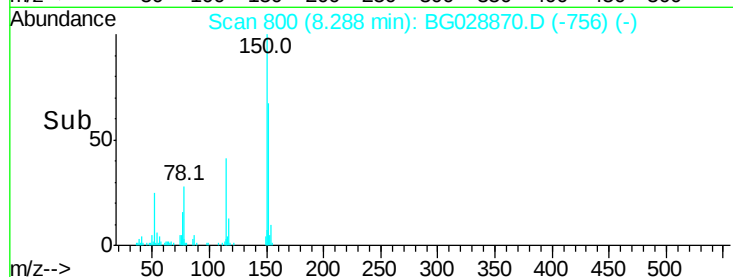
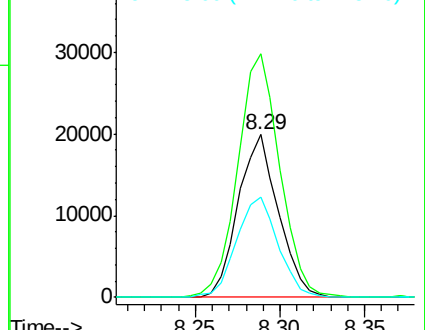
115 62.0 48.1 72.1



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: 157.493 ng

RT: 5.86 min Scan# 387

Delta R.T. -0.04 min

Lab File: BG028870.D

Acq: 21 Sep 2017 23:03

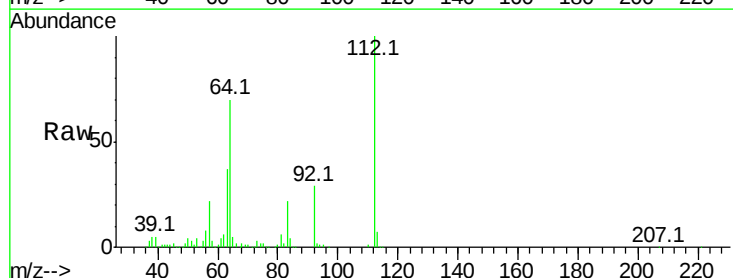
Tgt Ion:112 Resp: 313689

Ion Ratio Lower Upper

112 100

64 70.0 61.8 92.6

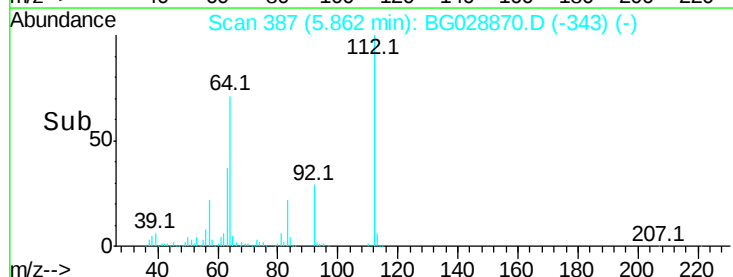
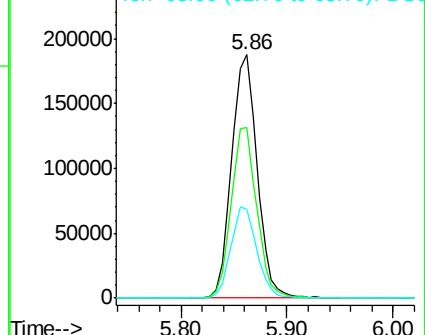
63 36.5 37.2 55.8#

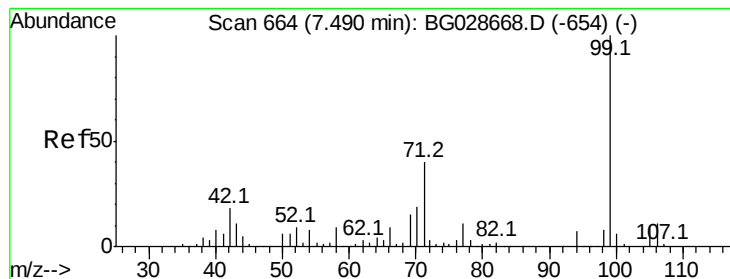


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 130.423 ng

RT: 7.45 min Scan# 657

Delta R.T. -0.04 min

Lab File: BG028870.D

Acq: 21 Sep 2017 23:03

Instrument :

BNA_G

ClientSampleId :

HR-05-92017-A

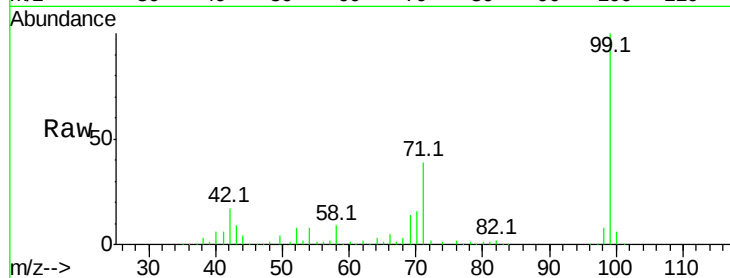
Tot Ion: 99 Resp: 391116

Ion Ratio Lower Upper

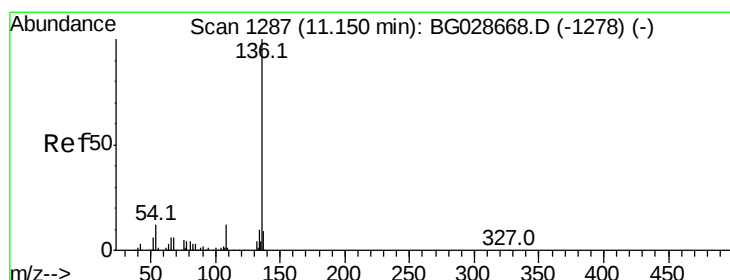
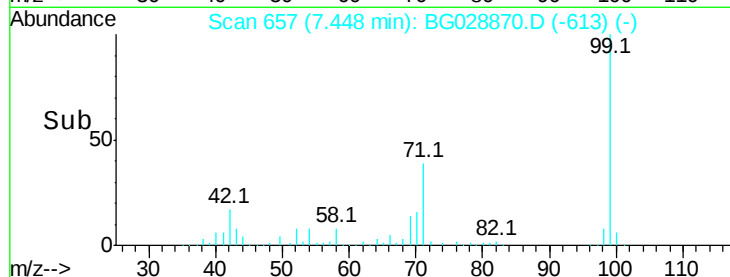
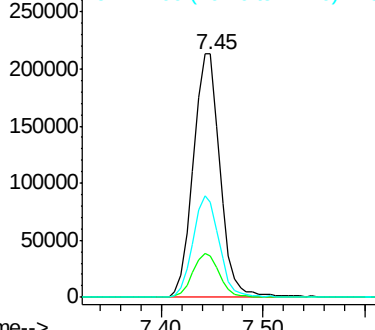
99 100

42 17.1 20.5 30.7#

71 38.9 37.6 56.4



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: 20.000 ng

RT: 11.11 min Scan# 1280

Delta R.T. -0.04 min

Lab File: BG028870.D

Acq: 21 Sep 2017 23:03

Tgt Ion: 136 Resp: 131200

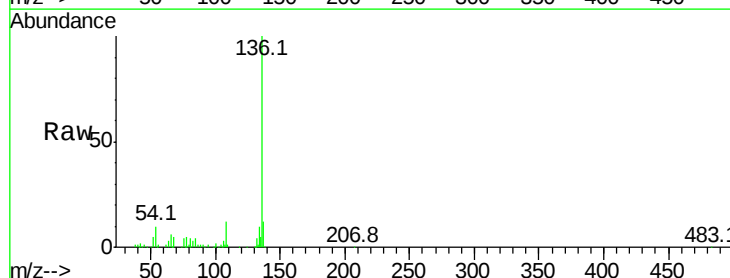
Ion Ratio Lower Upper

136 100

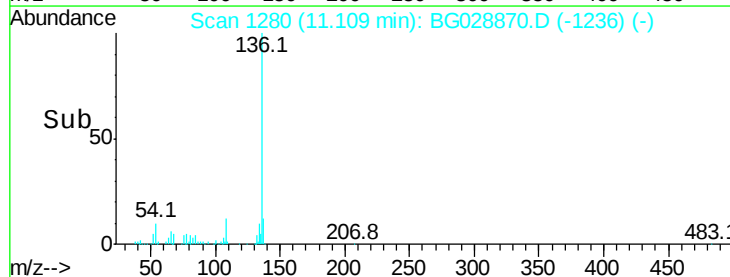
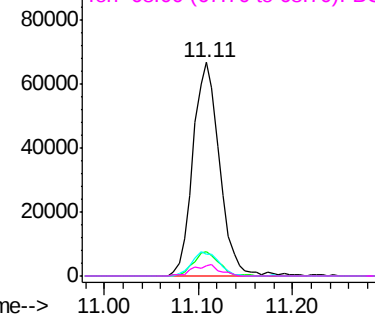
137 11.5 8.9 13.3

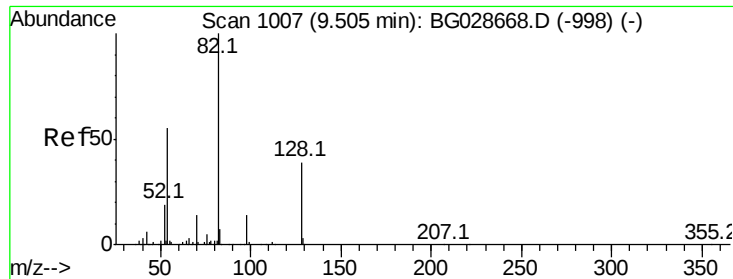
54 10.1 9.3 13.9

68 4.8 5.1 7.7#



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

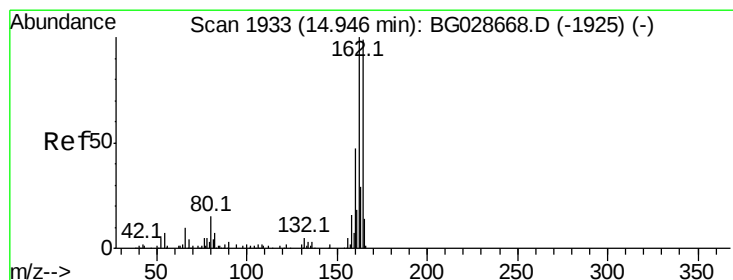
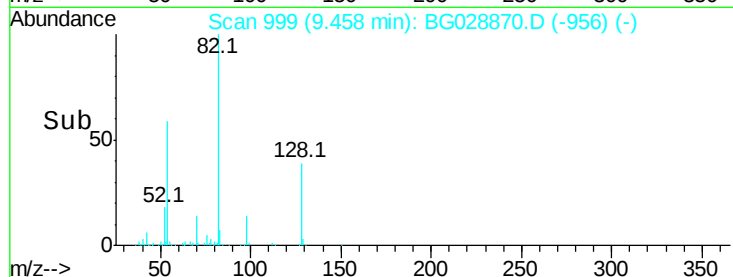
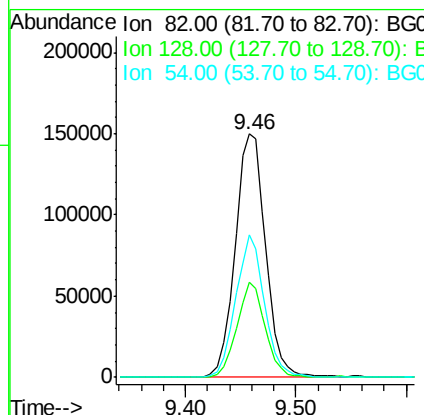
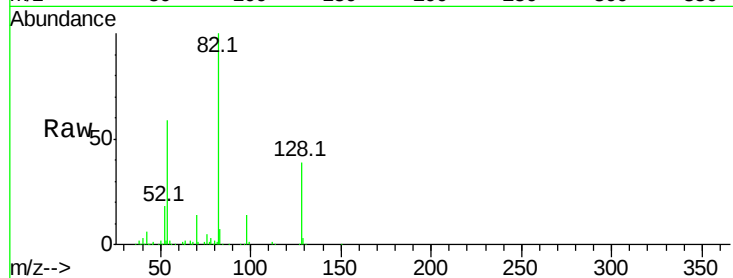




#23
Nitrobenzene-d5
Concen: 105.387 ng
RT: 9.46 min Scan# 999
Delta R.T. -0.05 min
Lab File: BG028870.D
Acq: 21 Sep 2017 23:03

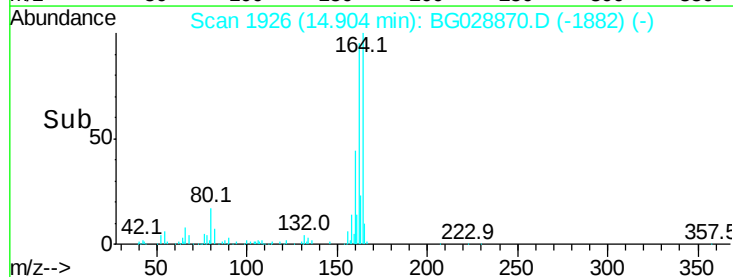
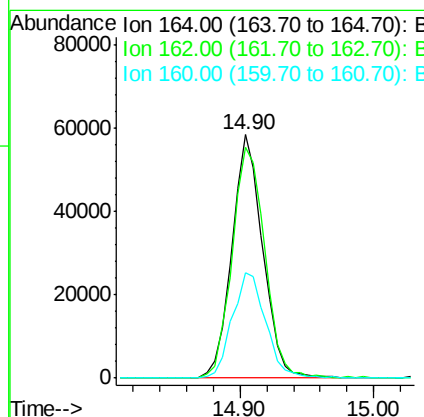
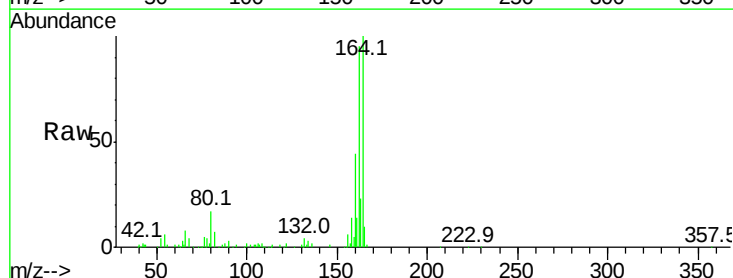
Instrument :
BNA_G
ClientSampleId :
HR-05-92017-A

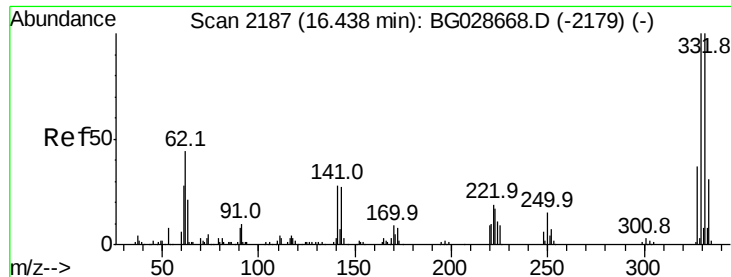
Tot Ion	82	Resp	289037
Ion	Ratio	Lower	Upper
82	100		
128	39.2	26.4	39.6
54	58.7	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.90 min Scan# 1926
Delta R.T. -0.04 min
Lab File: BG028870.D
Acq: 21 Sep 2017 23:03

Tgt Ion	164	Resp	94046
Ion	Ratio	Lower	Upper
164	100		
162	95.0	85.1	127.7
160	43.5	34.7	52.1

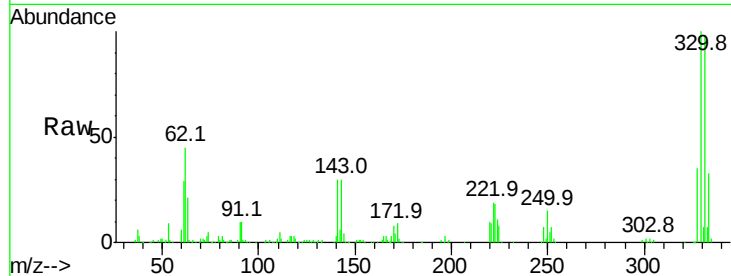




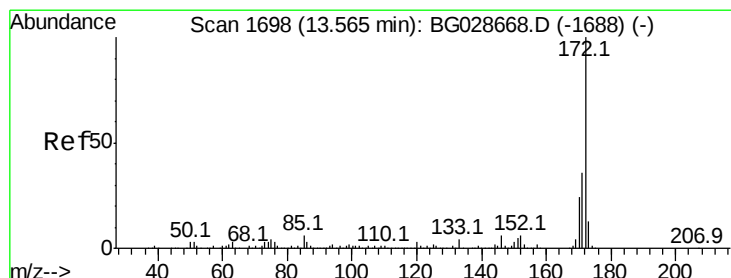
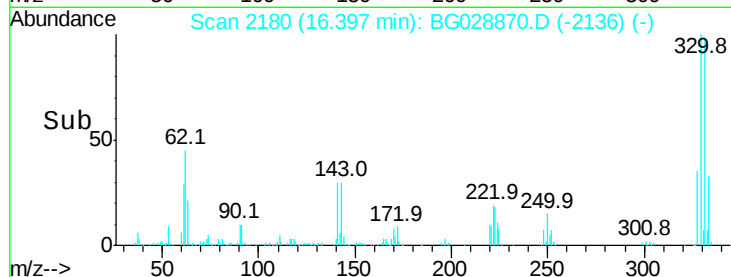
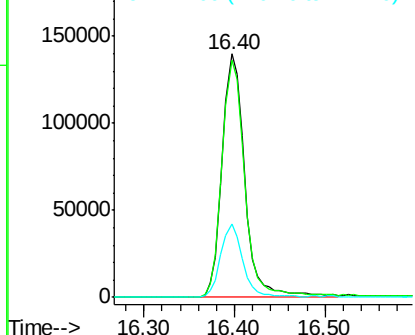
#41
 2,4,6-Tribromophenol
 Concen: 156.977 ng
 RT: 16.40 min Scan# 2180
 Delta R.T. -0.04 min
 Lab File: BG028870.D
 Acq: 21 Sep 2017 23:03

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-92017-A

Tot Ion:330 Resp: 244172
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.3 115.9
 141 28.9 32.1 48.1#

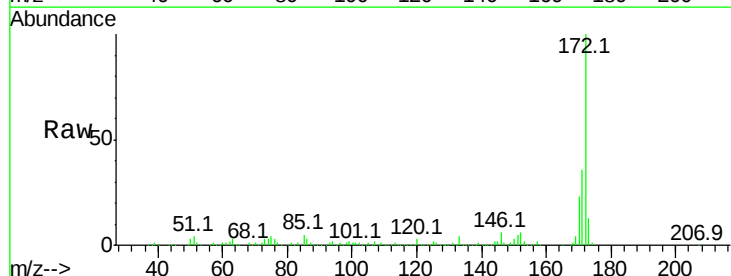


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

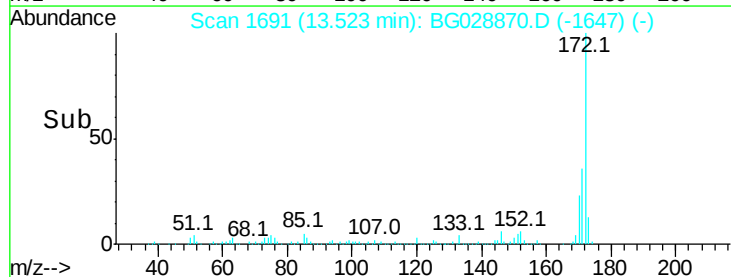
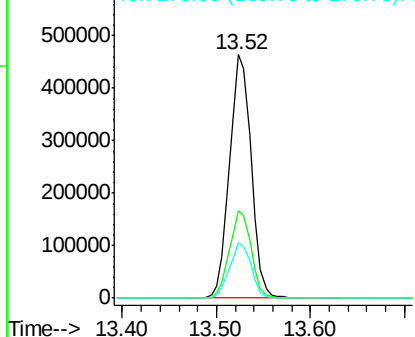


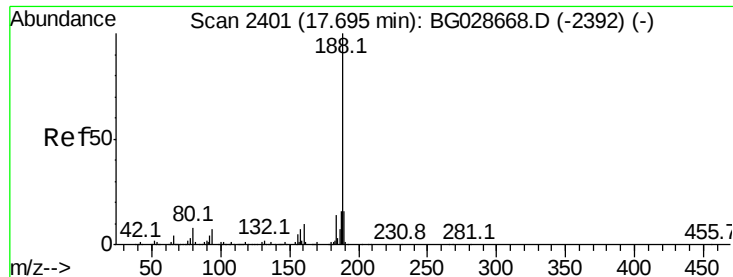
#44
 2-Fluorobiphenyl
 Concen: 105.517 ng
 RT: 13.52 min Scan# 1691
 Delta R.T. -0.04 min
 Lab File: BG028870.D
 Acq: 21 Sep 2017 23:03

Tgt Ion:172 Resp: 744207
 Ion Ratio Lower Upper
 172 100
 171 35.9 32.2 48.2
 170 22.6 21.8 32.6



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: 20.000 ng

RT: 17.66 min Scan# 2395

Delta R.T. -0.04 min

Lab File: BG028870.D

Acq: 21 Sep 2017 23:03

Instrument :

BNA_G

ClientSampleId :

HR-05-92017-A

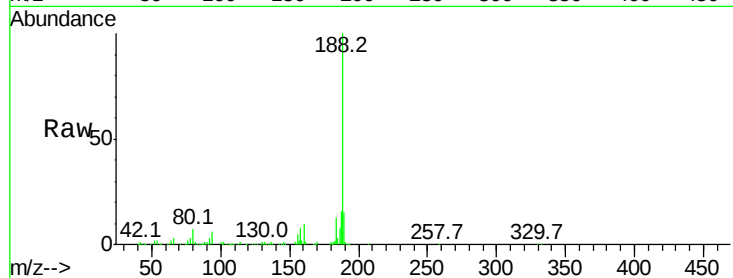
Tot Ion:188 Resp: 257822

Ion Ratio Lower Upper

188 100

94 6.1 5.8 8.8

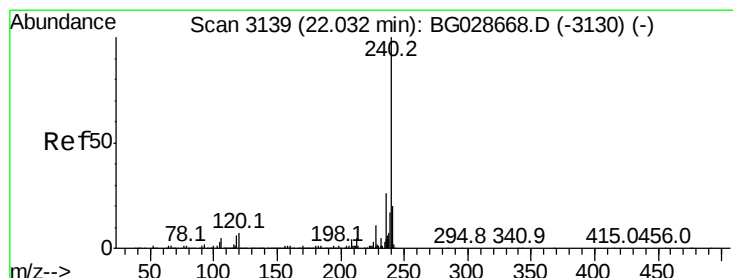
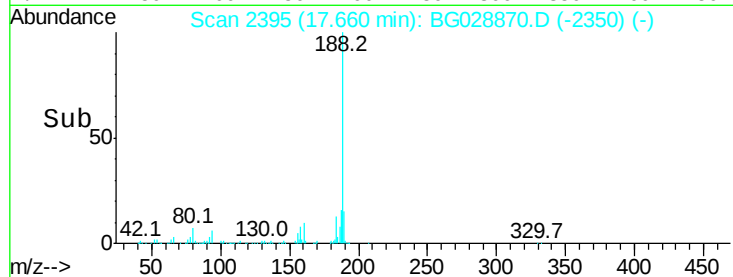
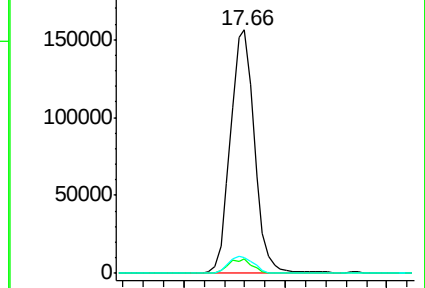
80 6.7 7.5 11.3#



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: 20.000 ng

RT: 21.98 min Scan# 3131

Delta R.T. -0.05 min

Lab File: BG028870.D

Acq: 21 Sep 2017 23:03

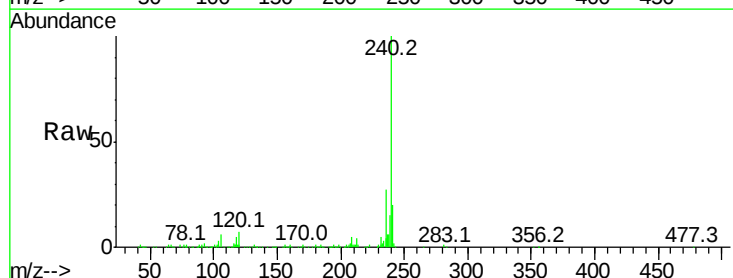
Tgt Ion:240 Resp: 293819

Ion Ratio Lower Upper

240 100

120 6.9 5.7 8.5

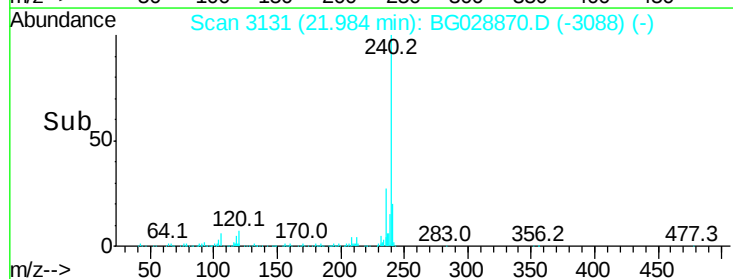
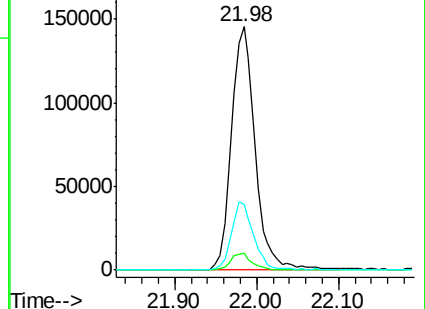
236 27.2 22.2 33.4

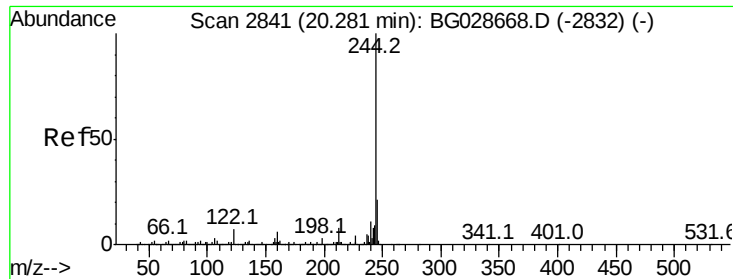


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 109.421 ng

RT: 20.25 min Scan# 2835

Delta R.T. -0.04 min

Lab File: BG028870.D

Acq: 21 Sep 2017 23:03

Instrument :

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ClientSampleId :

HR-05-92017-A

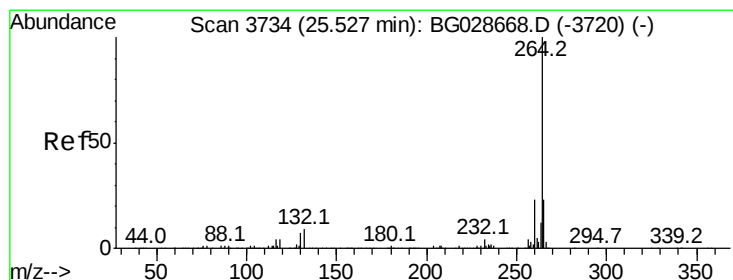
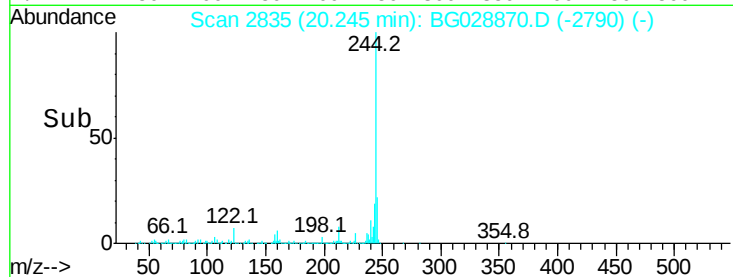
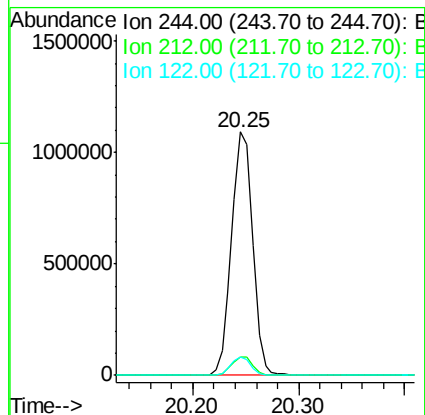
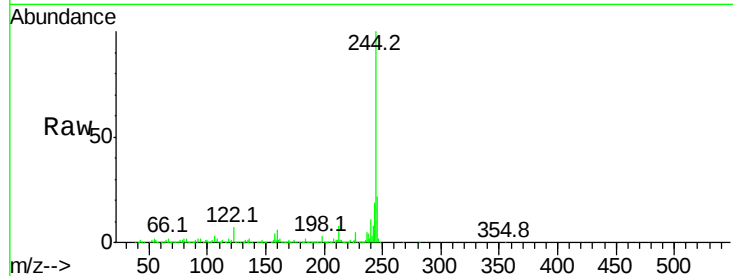
Tot Ion:244 Resp: 1507571

Ion Ratio Lower Upper

244 100

212 7.7 10.0 15.0#

122 7.3 8.6 12.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.45 min Scan# 3721

Delta R.T. -0.08 min

Lab File: BG028870.D

Acq: 21 Sep 2017 23:03

Tgt Ion:264 Resp: 277567

Ion Ratio Lower Upper

264 100

260 24.1 21.8 32.8

265 22.9 18.2 27.4

