

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061616\
 Data File : BG022392.D
 Acq On : 17 Jun 2016 8:21
 Operator : UM/SJ
 Sample : H3569-16
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 17 13:36:06 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 17:40:23 2016
 Response via : Initial Calibration

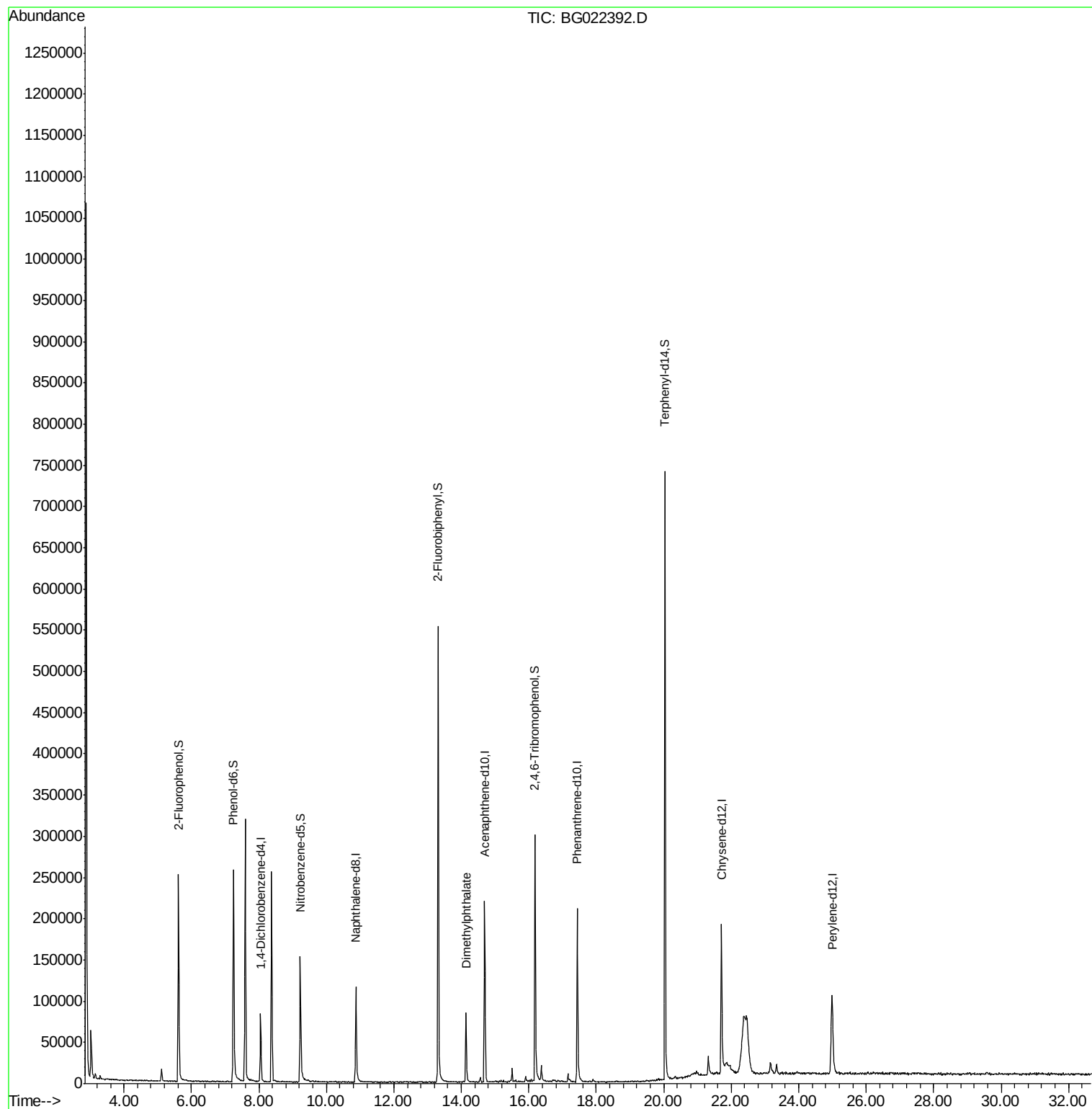
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	30316	20.00	ng	-0.04
21) Naphthalene-d8	10.87	136	148648	20.00	ng	-0.03
38) Acenaphthene-d10	14.69	164	87958	20.00	ng	-0.03
63) Phenanthrene-d10	17.44	188	165124	20.00	ng	-0.03
75) Chrysene-d12	21.71	240	141681	20.00	ng	-0.03
86) Perylene-d12	24.99	264	130619	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	170599	108.80	ng	-0.02
7) Phenol-d6	7.25	99	247877	100.55	ng	0.00
23) Nitrobenzene-d5	9.23	82	137165	64.33	ng	-0.03
41) 2,4,6-Tribromophenol	16.18	330	70335	70.77	ng	-0.03
44) 2-Fluorobiphenyl	13.31	172	351409	60.88	ng	-0.03
78) Terphenyl-d14	20.03	244	374263	62.71	ng	-0.03
Target Compounds						
49) Dimethylphthalate	14.14	163	79600	10.91	ng	Qvalue 99

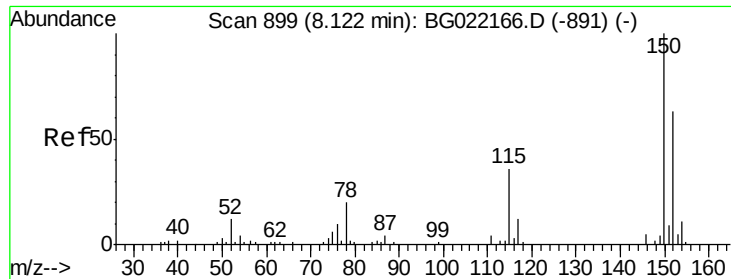
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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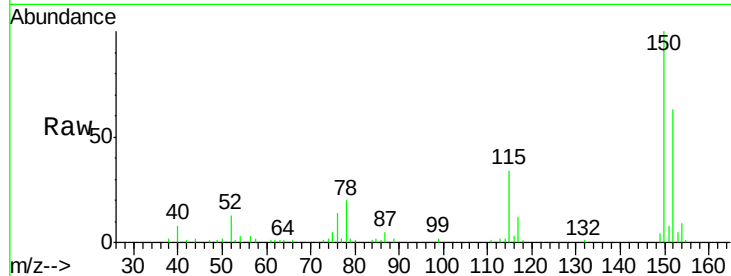


#1

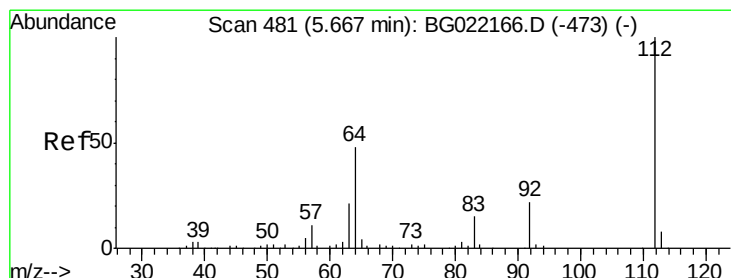
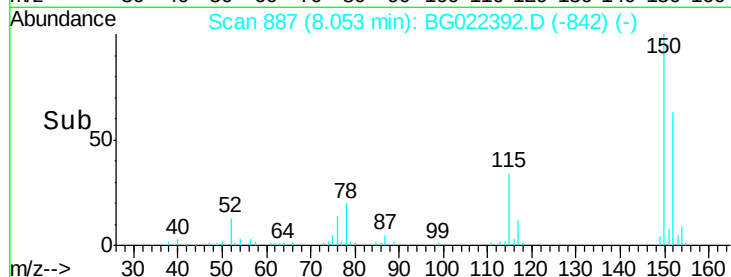
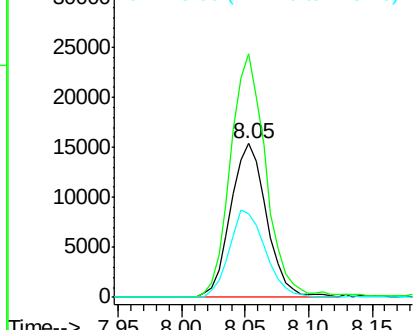
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.05 min Scan# 887
Delta R.T. -0.04 min
Lab File: BG022392.D
Acq: 17 Jun 2016 8:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 30316
Ion Ratio Lower Upper
152 100
150 158.1 130.1 195.1
115 54.0 62.2 93.2#



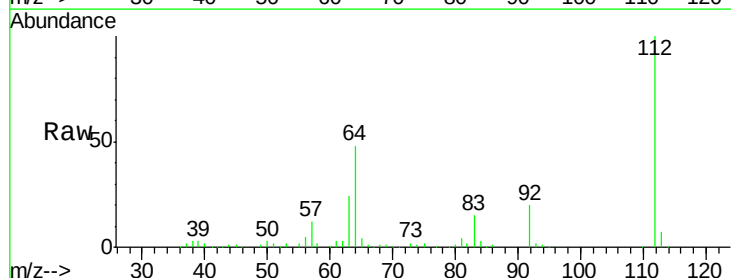
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



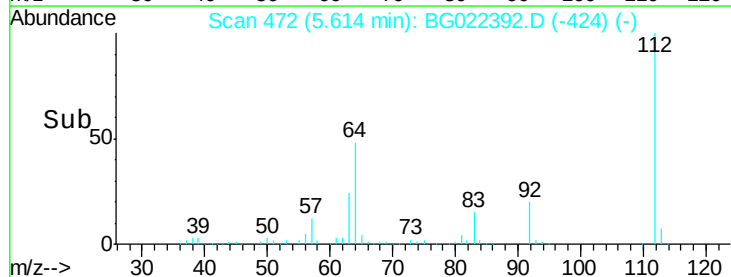
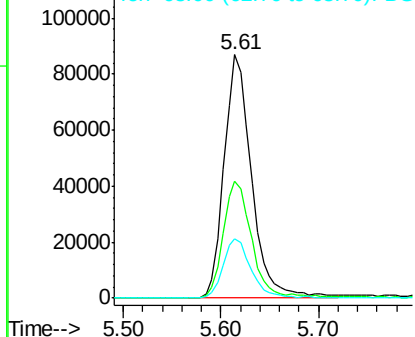
#5

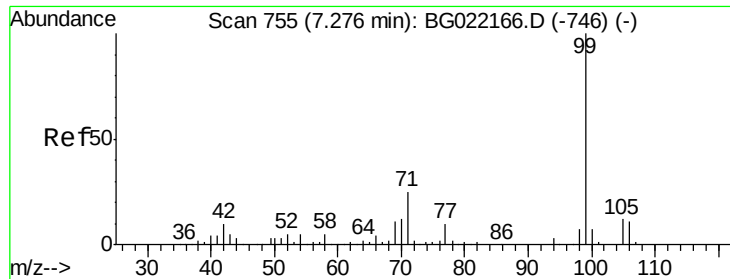
2-Fluorophenol
Concen: 108.80 ng
RT: 5.61 min Scan# 472
Delta R.T. -0.02 min
Lab File: BG022392.D
Acq: 17 Jun 2016 8:21

Tgt Ion:112 Resp: 170599
Ion Ratio Lower Upper
112 100
64 48.0 51.1 76.7#
63 24.5 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: 100.55 ng

RT: 7.25 min Scan# 750

Delta R.T. -0.00 min

Lab File: BG022392.D

Acq: 17 Jun 2016 8:21

Instrument :

BNA_G

ClientSampled :

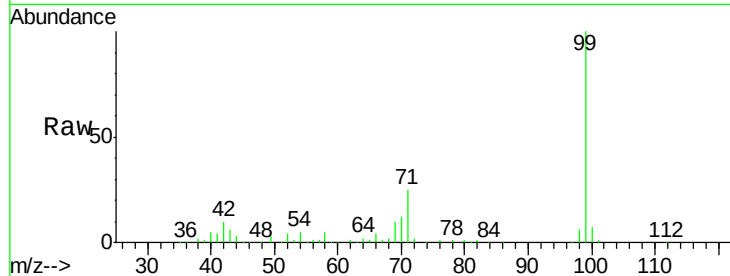
Tot Ion: 99 Resp: 247877

Ion Ratio Lower Upper

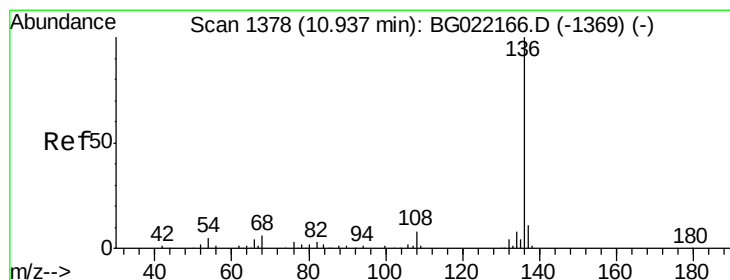
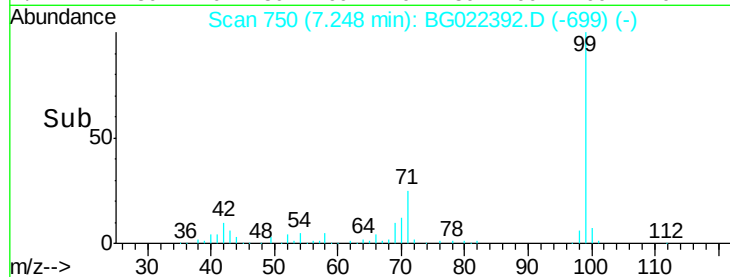
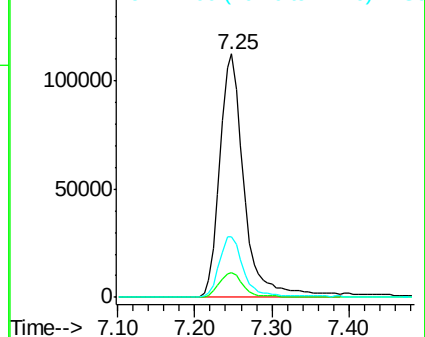
99 100

42 10.0 16.4 24.6#

71 25.1 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.87 min Scan# 1367

Delta R.T. -0.03 min

Lab File: BG022392.D

Acq: 17 Jun 2016 8:21

Tgt Ion: 136 Resp: 148648

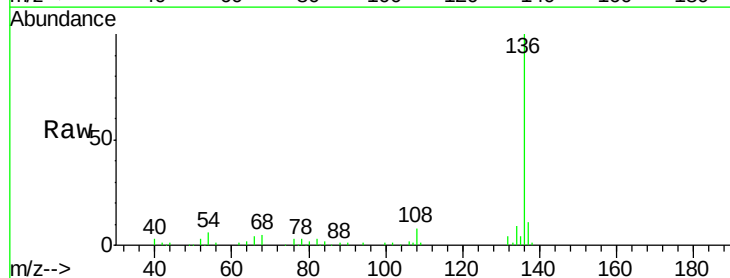
Ion Ratio Lower Upper

136 100

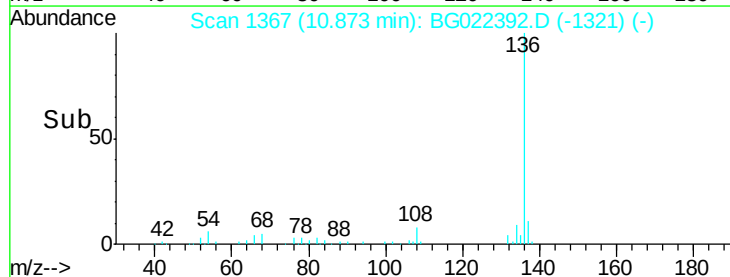
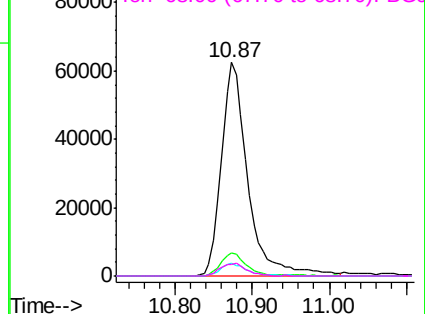
137 10.8 9.0 13.4

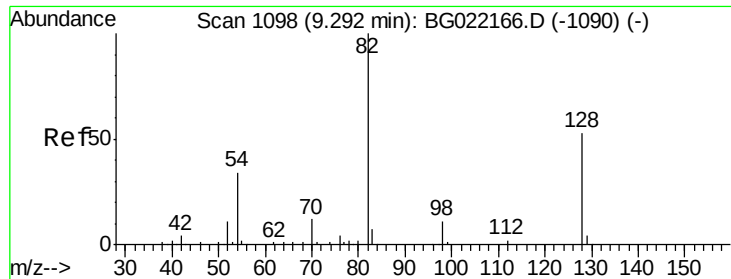
54 5.9 9.6 14.4#

68 5.4 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

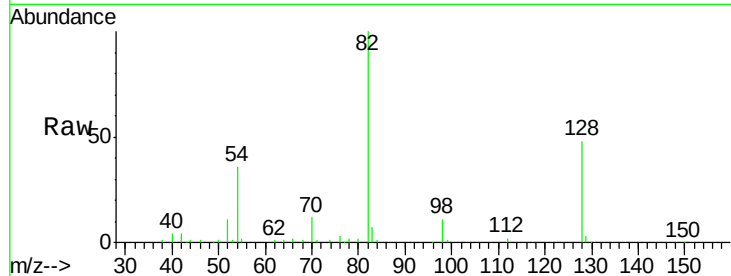




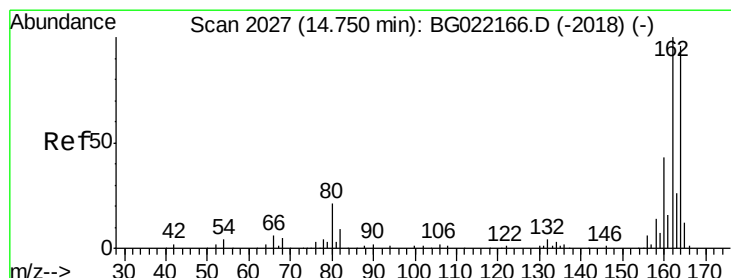
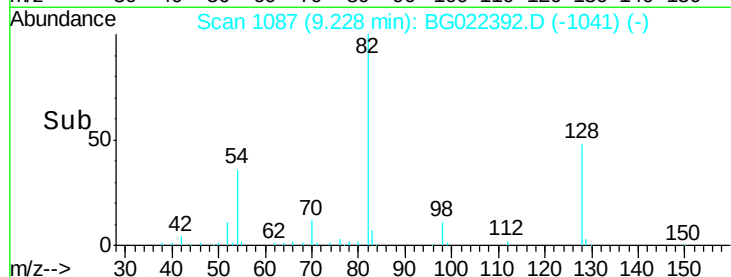
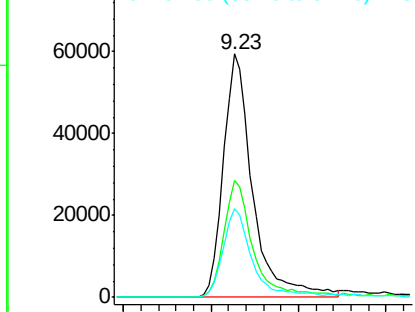
#23
Nitrobenzene-d5
Concen: 64.33 ng
RT: 9.23 min Scan# 1087
Delta R.T. -0.03 min
Lab File: BG022392.D
Acq: 17 Jun 2016 8:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	137165
Ion Ratio	Lower	Upper	
82	100		
128	48.0	33.4	50.0
54	36.5	46.1	69.1#

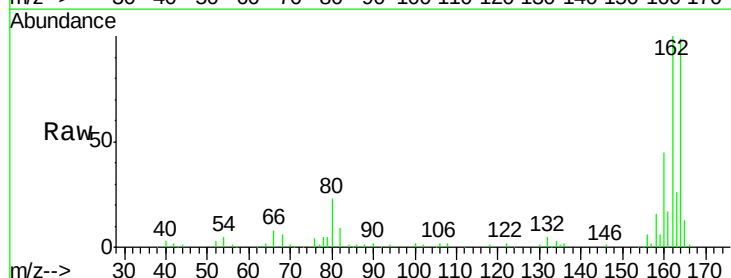


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

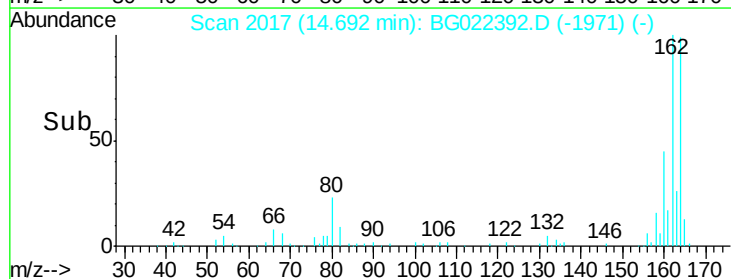
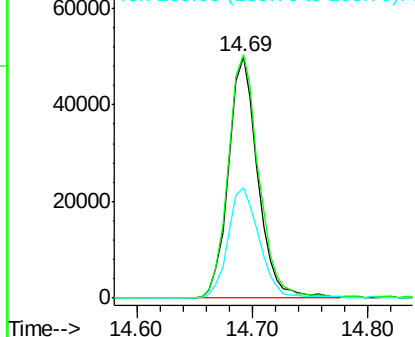


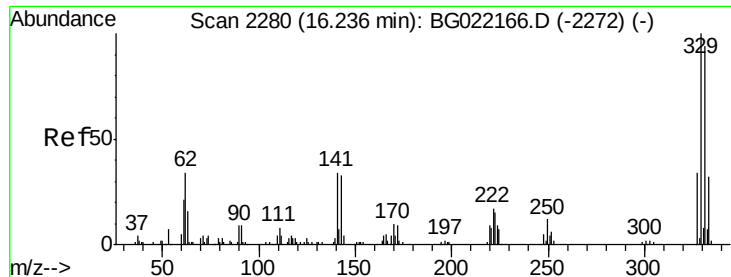
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.69 min Scan# 2017
Delta R.T. -0.03 min
Lab File: BG022392.D
Acq: 17 Jun 2016 8:21

Tgt Ion	164	Resp	87958
Ion Ratio	Lower	Upper	
164	100		
162	100.7	78.0	117.0
160	45.8	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: 70.77 ng

RT: 16.18 min Scan# 2271

Delta R.T. -0.03 min

Lab File: BG022392.D

Acq: 17 Jun 2016 8:21

Instrument :

BNA_G

ClientSampleId :

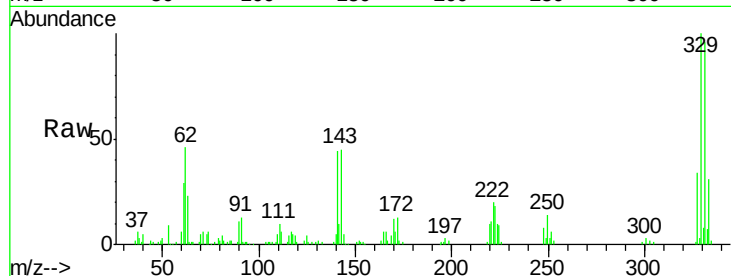
Tot Ion:330 Resp: 70335

Ion Ratio Lower Upper

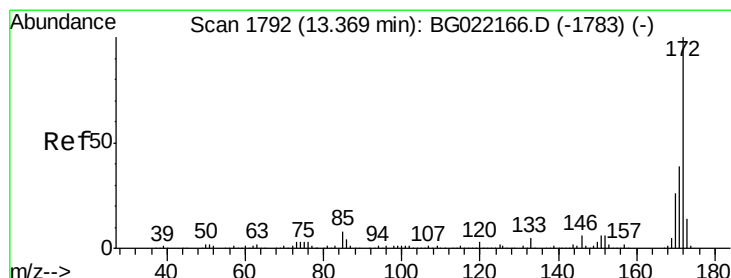
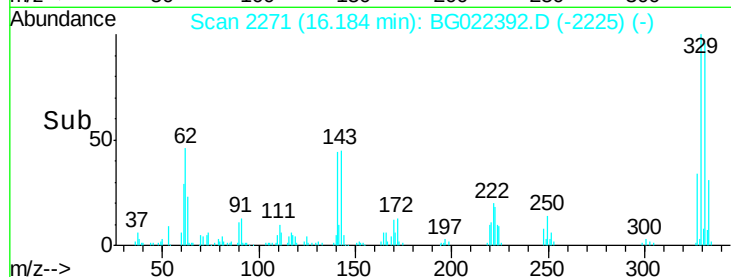
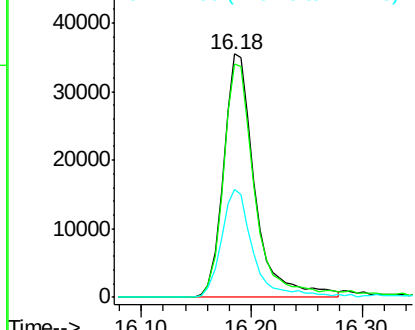
330 100

332 98.7 78.0 117.0

141 44.6 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: 60.88 ng

RT: 13.31 min Scan# 1782

Delta R.T. -0.03 min

Lab File: BG022392.D

Acq: 17 Jun 2016 8:21

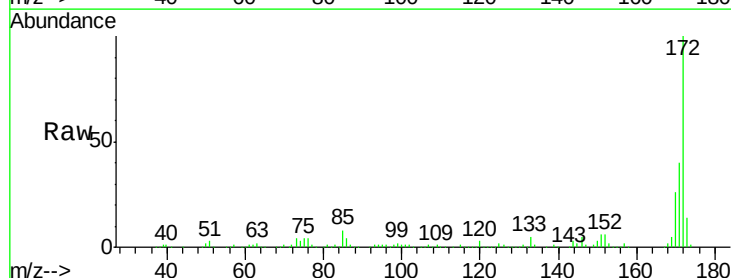
Tgt Ion:172 Resp: 351409

Ion Ratio Lower Upper

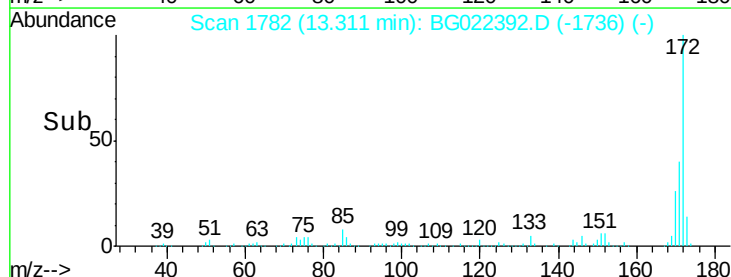
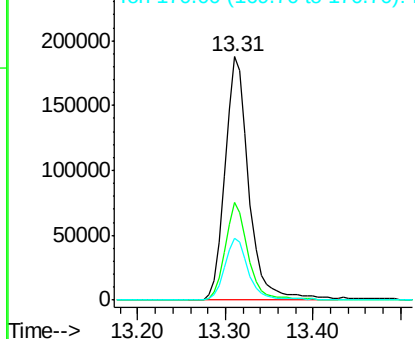
172 100

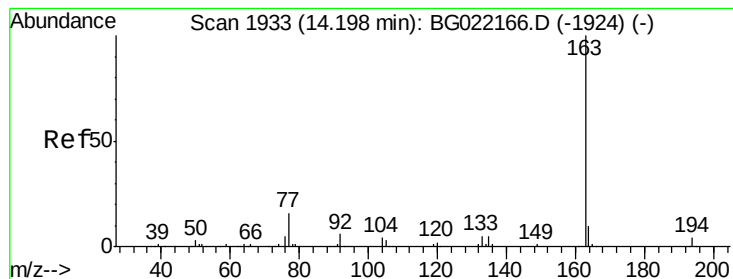
171 40.1 27.8 41.6

170 25.7 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





#49

Dimethylphthalate

Concen: 10.91 ng

RT: 14.14 min Scan# 1923

Delta R.T. -0.03 min

Lab File: BG022392.D

Acq: 17 Jun 2016 8:21

Instrument :

BNA_G

ClientSampleId :

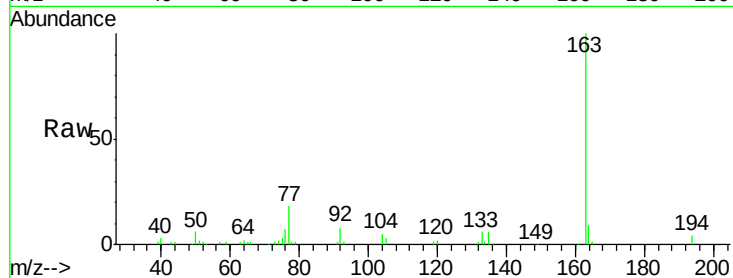
Tot Ion:163 Resp: 79600

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

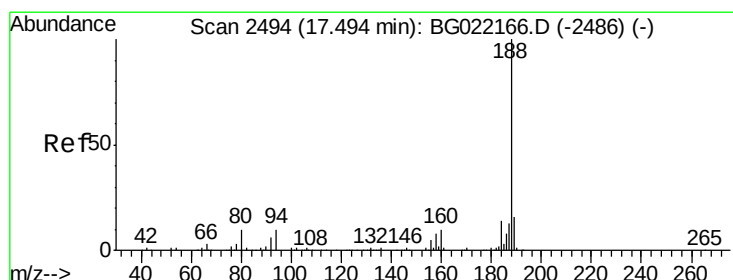
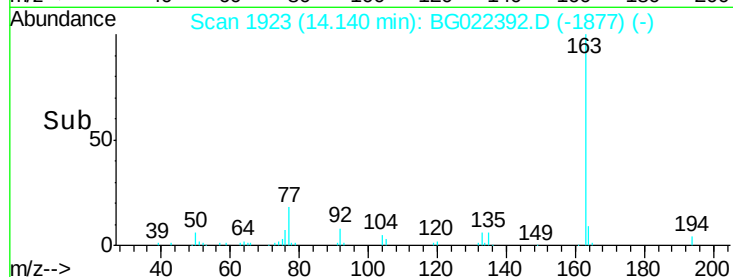
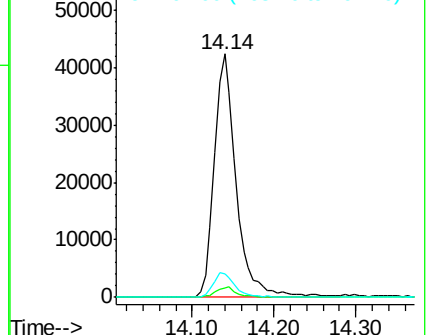
164 9.4 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.44 min Scan# 2484

Delta R.T. -0.03 min

Lab File: BG022392.D

Acq: 17 Jun 2016 8:21

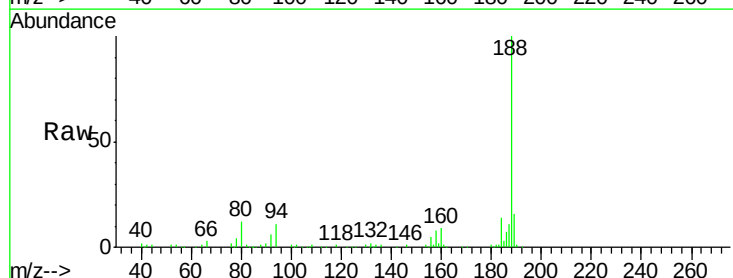
Tgt Ion:188 Resp: 165124

Ion Ratio Lower Upper

188 100

94 11.1 7.5 11.3

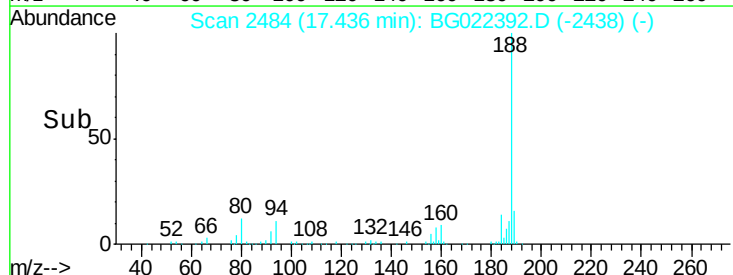
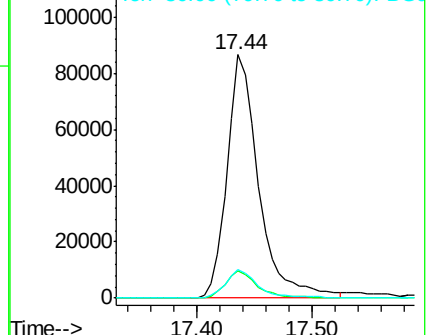
80 11.8 8.6 13.0

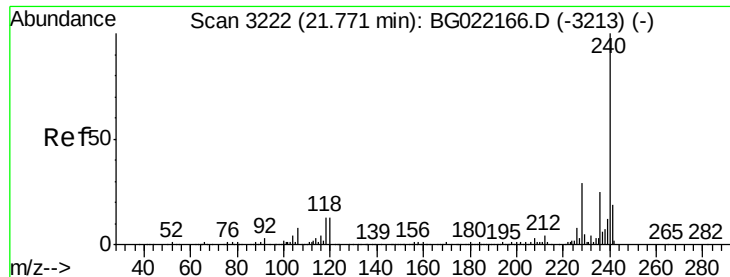


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.71 min Scan# 3211

Delta R.T. -0.03 min

Lab File: BG022392.D

Acq: 17 Jun 2016 8:21

Instrument :

BNA_G

ClientSampleId :

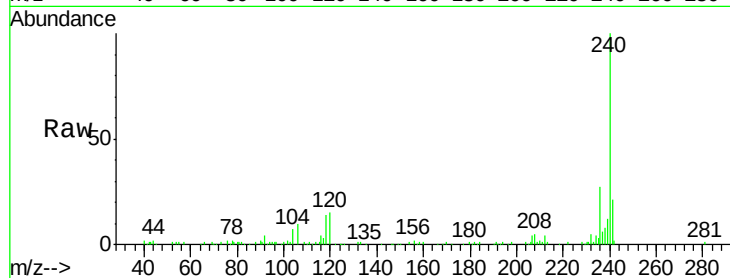
Tot Ion:240 Resp: 141681

Ion Ratio Lower Upper

240 100

120 15.0 8.4 12.6#

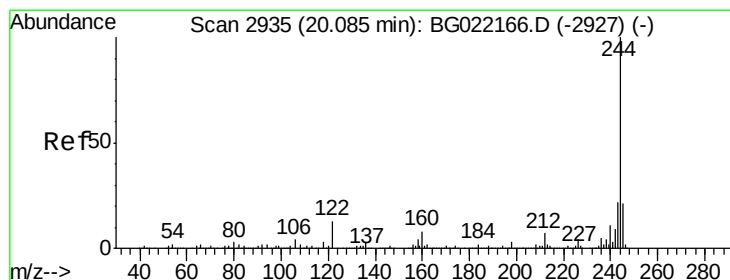
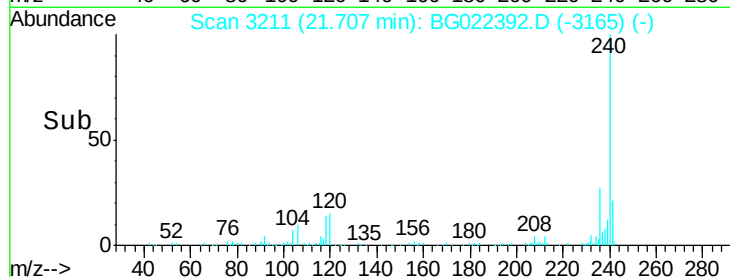
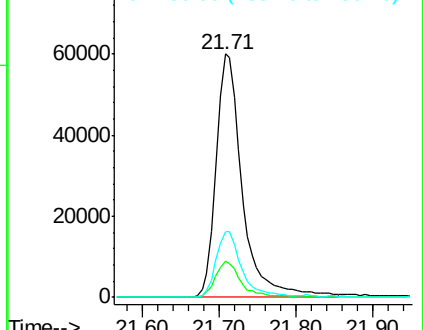
236 27.1 19.6 29.4



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: 62.71 ng

RT: 20.03 min Scan# 2926

Delta R.T. -0.03 min

Lab File: BG022392.D

Acq: 17 Jun 2016 8:21

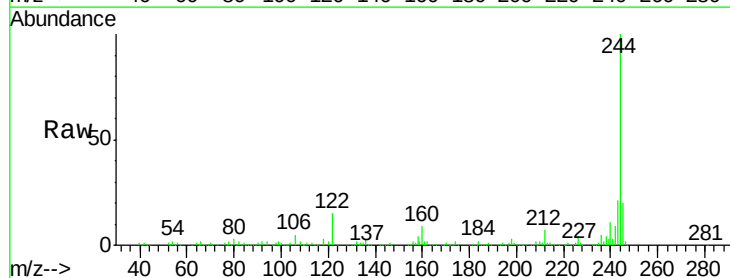
Tgt Ion:244 Resp: 374263

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

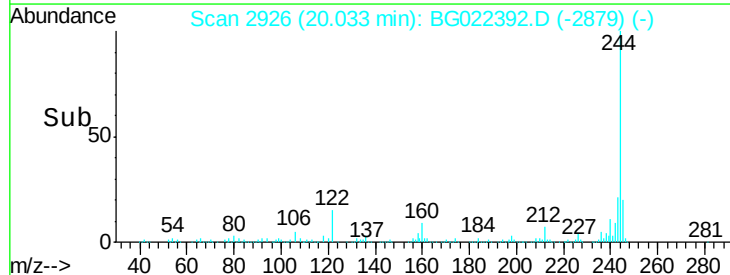
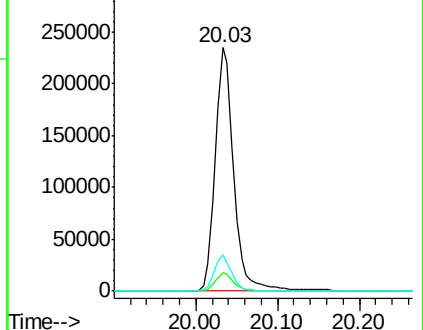
122 14.6 8.6 12.8#

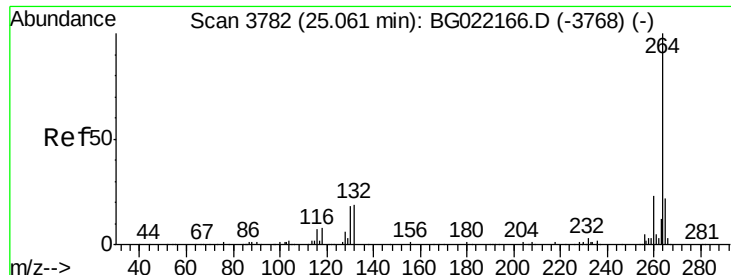


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 24.99 min Scan# 3770
Delta R.T. -0.02 min
Lab File: BG022392.D
Acq: 17 Jun 2016 8:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	26.5	20.2	30.4
265	21.5	17.8	26.8

