

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061616\
 Data File : BG022386.D
 Acq On : 17 Jun 2016 4:20
 Operator : UM/SJ
 Sample : H3567-22
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-01-COMP

Quant Time: Jun 17 07:20:48 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

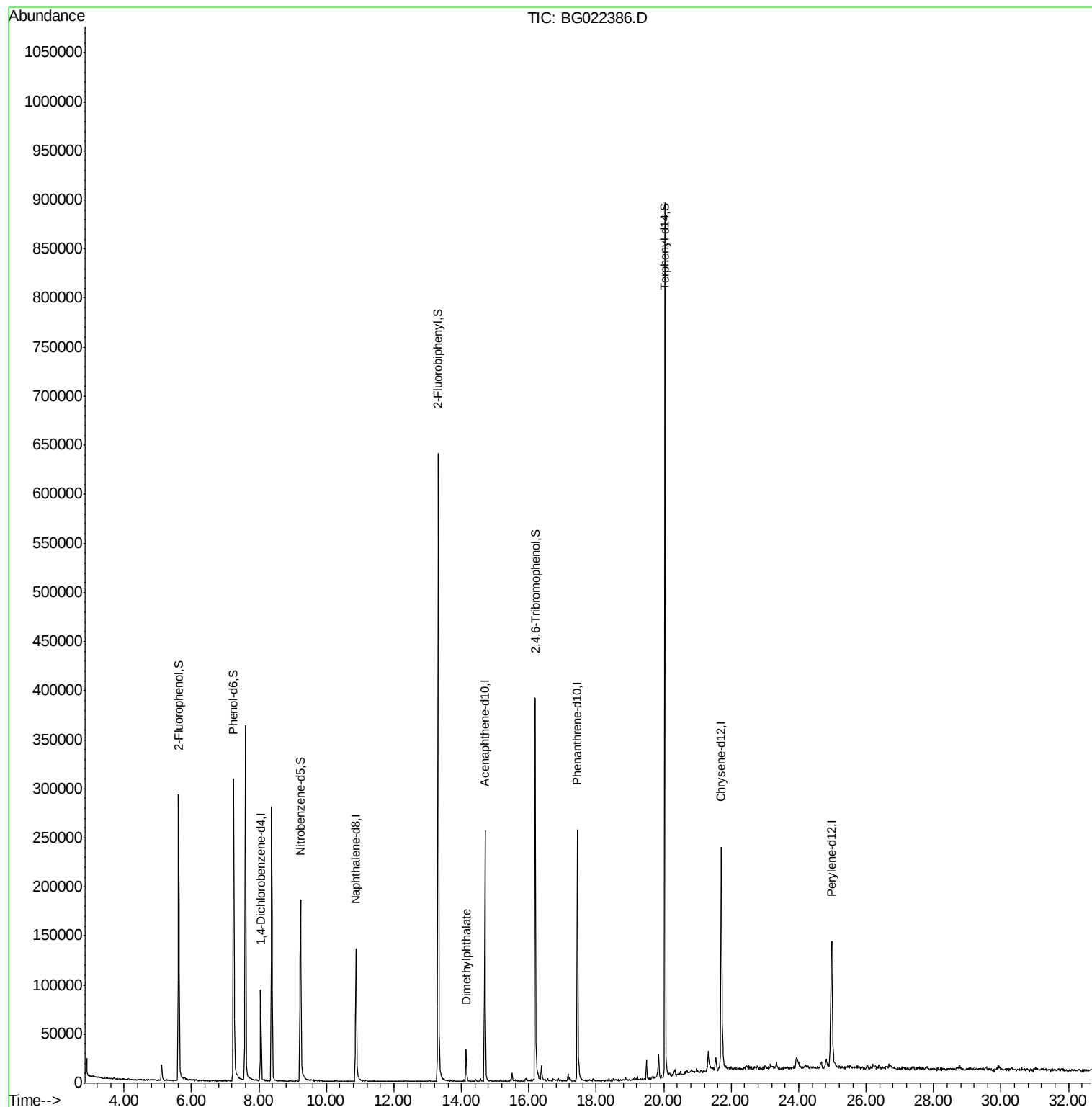
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	33519	20.00	ng	-0.04
21) Naphthalene-d8	10.87	136	168503	20.00	ng	-0.03
38) Acenaphthene-d10	14.69	164	100401	20.00	ng	-0.03
63) Phenanthrene-d10	17.44	188	195685	20.00	ng	-0.03
75) Chrysene-d12	21.70	240	162705	20.00	ng	-0.04
86) Perylene-d12	24.98	264	153659	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	199246	114.93	ng	-0.02
7) Phenol-d6	7.24	99	292304	107.24	ng	0.00
23) Nitrobenzene-d5	9.23	82	160963	66.60	ng	-0.03
41) 2,4,6-Tribromophenol	16.19	330	90421	79.70	ng	-0.03
44) 2-Fluorobiphenyl	13.31	172	401089	60.88	ng	-0.03
78) Terphenyl-d14	20.03	244	417511	60.92	ng	-0.02
Target Compounds						
49) Dimethylphthalate	14.14	163	33812	4.06	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: BG022386.D

Acq: 17 Jun 2016 4:20

Instrument :

BNA_G

ClientSampleId :

SB-01-COMP

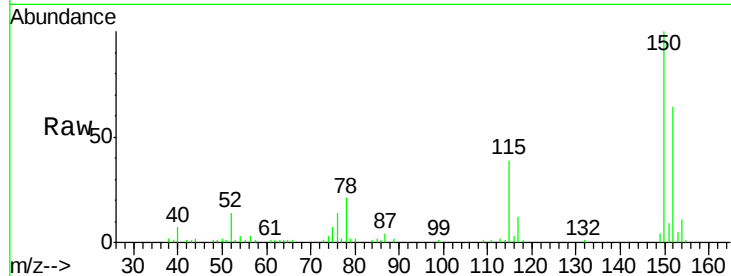
Tgt Ion:152 Resp: 33519

Ion Ratio Lower Upper

152 100

150 156.0 130.1 195.1

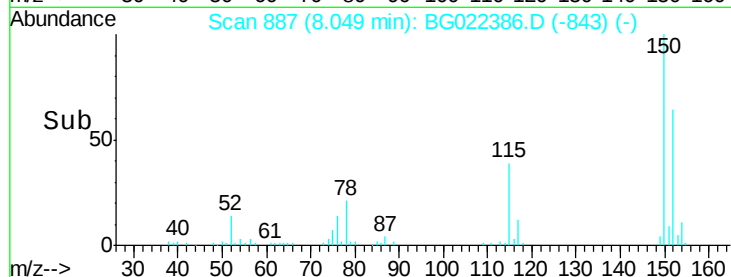
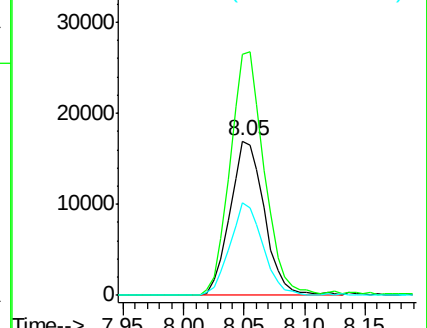
115 60.1 62.2 93.2#



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: 114.93 ng

RT: 5.62 min Scan# 473

Delta R.T. -0.02 min

Lab File: BG022386.D

Acq: 17 Jun 2016 4:20

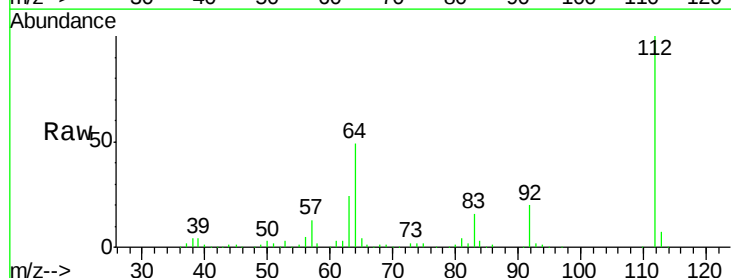
Tgt Ion:112 Resp: 199246

Ion Ratio Lower Upper

112 100

64 49.0 51.1 76.7#

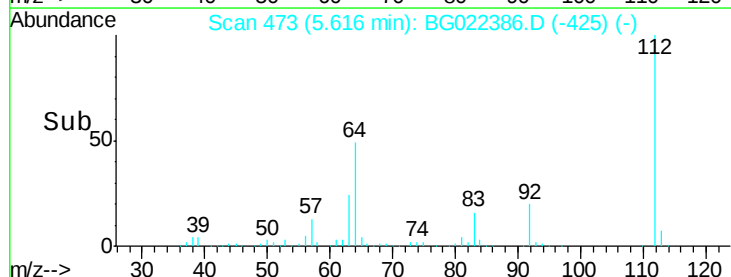
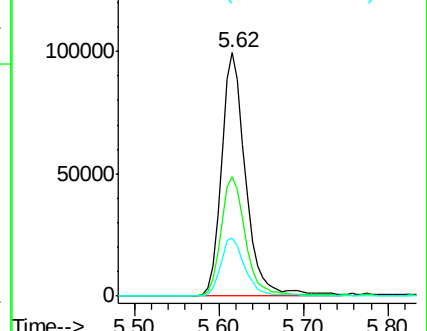
63 24.0 24.6 37.0#

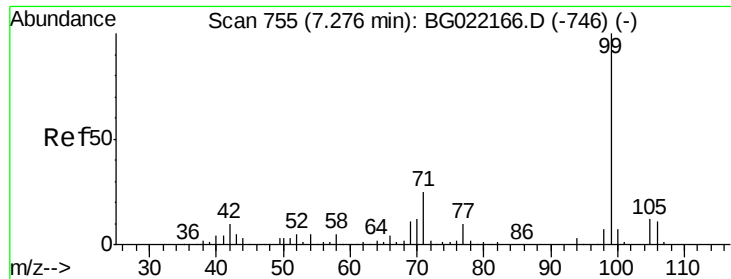


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 107.24 ng

RT: 7.24 min Scan# 750

Delta R.T. -0.01 min

Lab File: BG022386.D

Acq: 17 Jun 2016 4:20

Instrument :

BNA_G

ClientSampleId :

SB-01-COMP

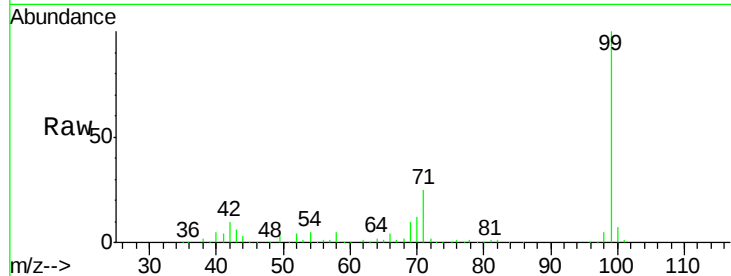
Tgt Ion: 99 Resp: 292304

Ion Ratio Lower Upper

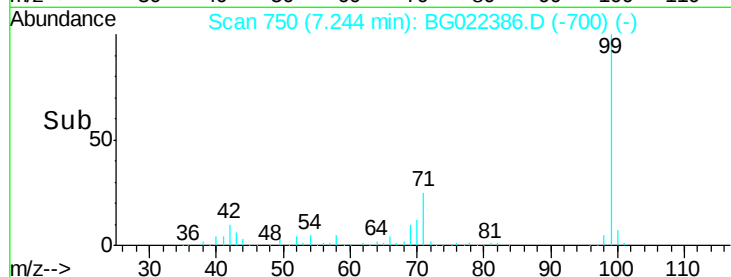
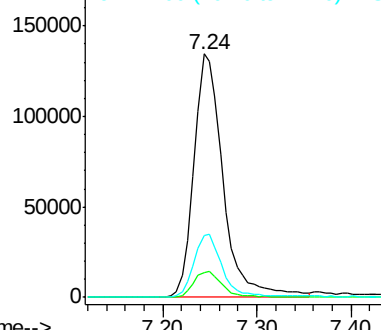
99 100

42 10.3 16.4 24.6#

71 25.5 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: 10.87 min Scan# 1368

Delta R.T. -0.03 min

Lab File: BG022386.D

Acq: 17 Jun 2016 4:20

Tgt Ion: 136 Resp: 168503

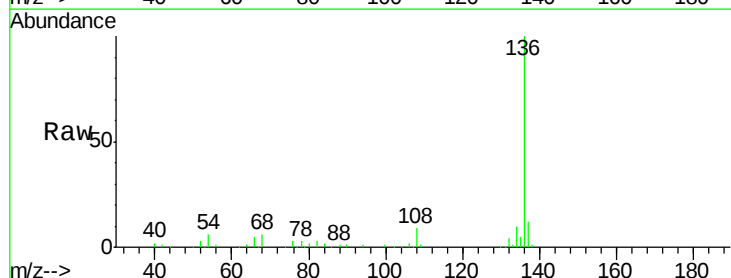
Ion Ratio Lower Upper

136 100

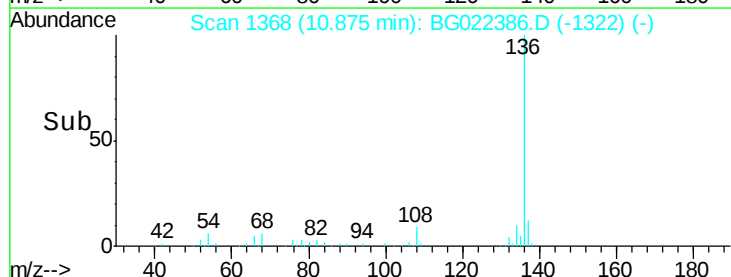
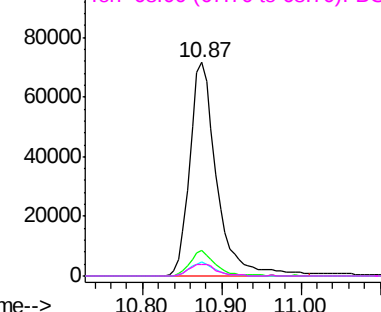
137 12.1 9.0 13.4

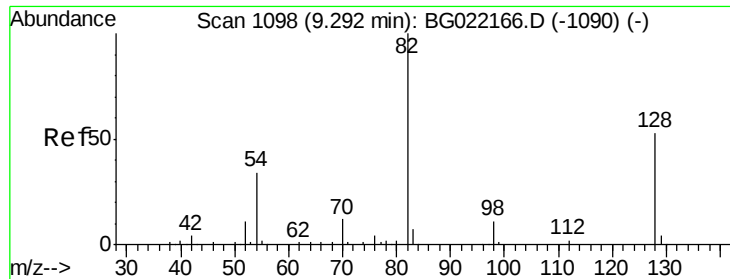
54 6.4 9.6 14.4#

68 5.5 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

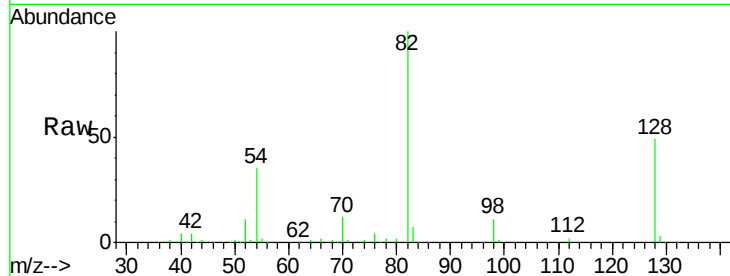




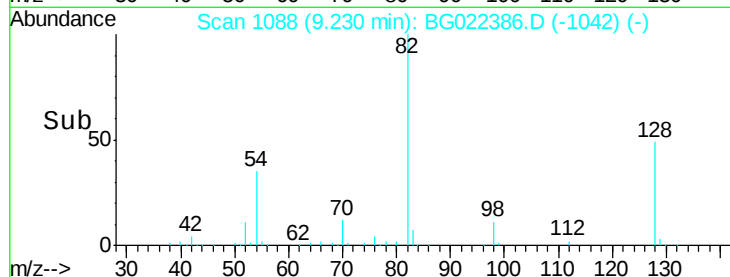
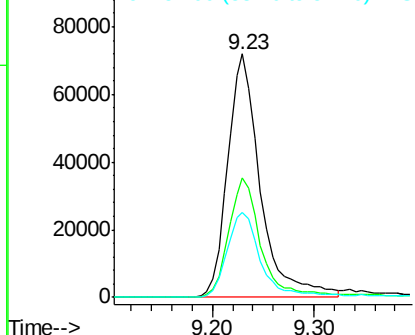
#23
Nitrobenzene-d5
Concen: 66.60 ng
RT: 9.23 min Scan# 1088
Delta R.T. -0.03 min
Lab File: BG022386.D
Acq: 17 Jun 2016 4:20

Instrument :
BNA_G
ClientSampleId :
SB-01-COMP

Tgt Ion: 82 Resp: 160963
Ion Ratio Lower Upper
82 100
128 49.2 33.4 50.0
54 34.9 46.1 69.1#

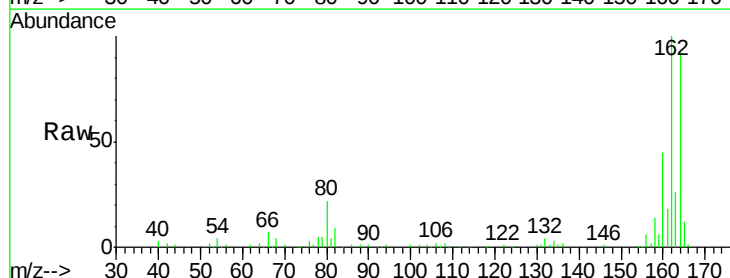


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

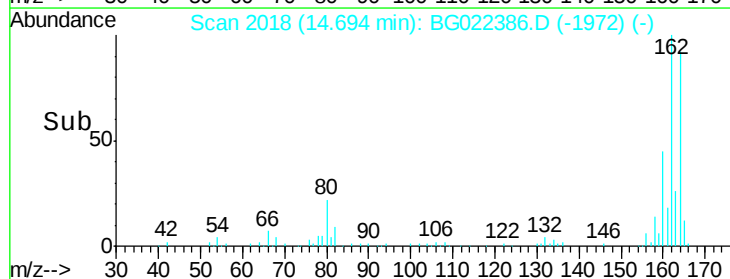
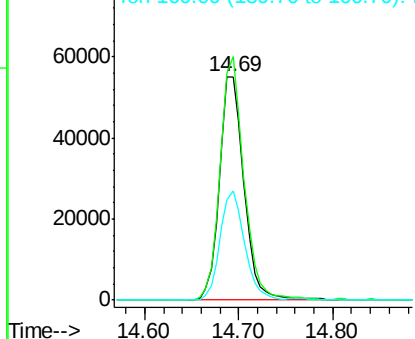


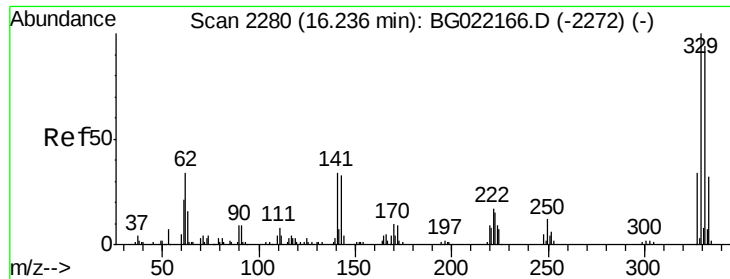
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.69 min Scan# 2018
Delta R.T. -0.03 min
Lab File: BG022386.D
Acq: 17 Jun 2016 4:20

Tgt Ion: 164 Resp: 100401
Ion Ratio Lower Upper
164 100
162 109.0 78.0 117.0
160 49.1 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

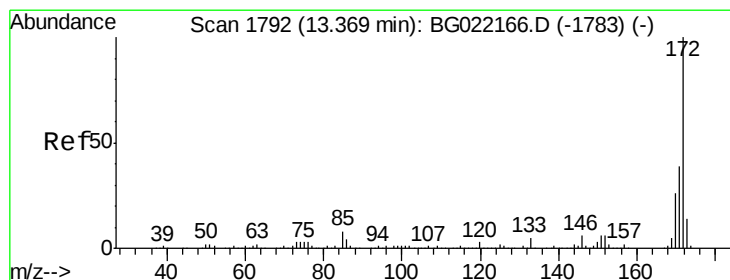
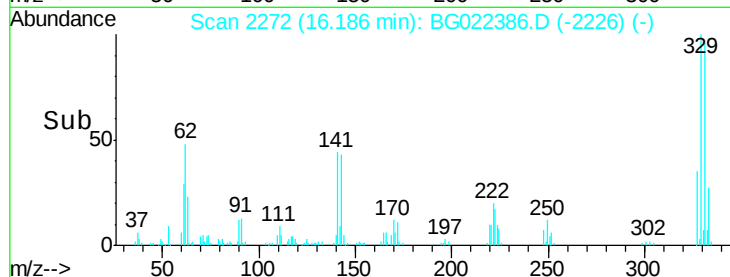
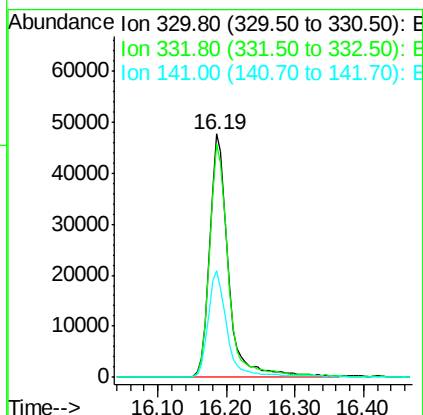
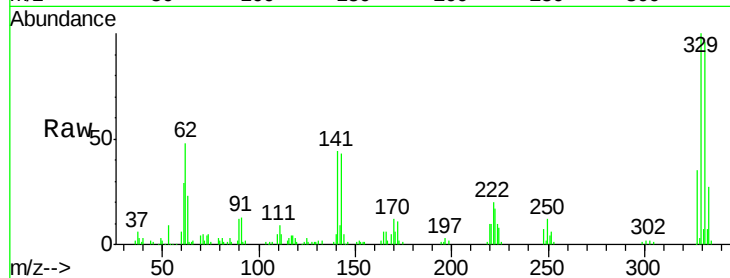




#41
 2,4,6-Tribromophenol
 Concen: 79.70 ng
 RT: 16.19 min Scan# 2272
 Delta R.T. -0.03 min
 Lab File: BG022386.D
 Acq: 17 Jun 2016 4:20

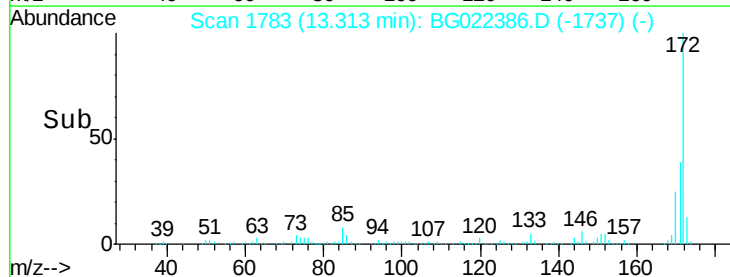
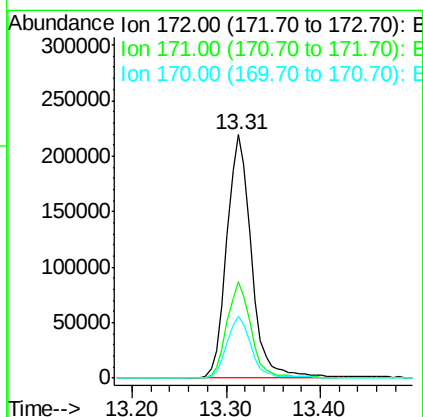
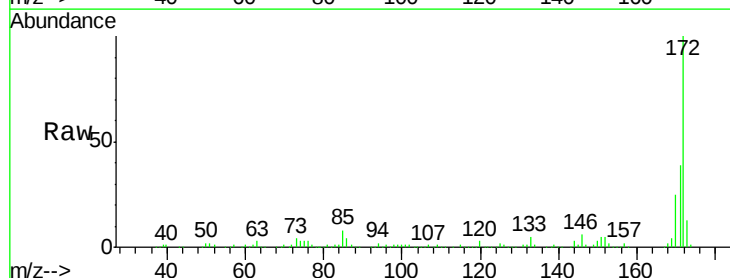
Instrument :
 BNA_G
 ClientSampleId :
 SB-01-COMP

Tgt Ion:330 Resp: 90421
 Ion Ratio Lower Upper
 330 100
 332 94.7 78.0 117.0
 141 44.4 33.8 50.8



#44
 2-Fluorobiphenyl
 Concen: 60.88 ng
 RT: 13.31 min Scan# 1783
 Delta R.T. -0.03 min
 Lab File: BG022386.D
 Acq: 17 Jun 2016 4:20

Tgt Ion:172 Resp: 401089
 Ion Ratio Lower Upper
 172 100
 171 39.4 27.8 41.6
 170 25.3 19.6 29.4





#49

Dimethylphthalate

Concen: 4.06 ng

RT: 14.14 min Scan# 1924

Delta R.T. -0.03 min

Lab File: BG022386.D

Acq: 17 Jun 2016 4:20

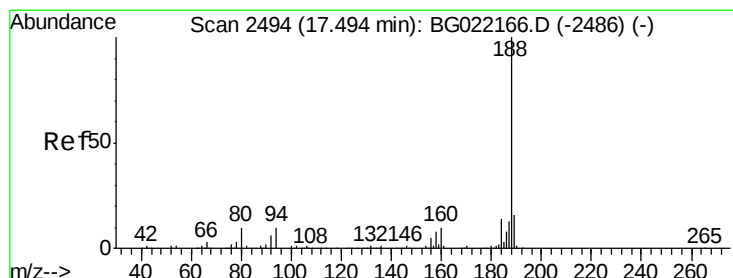
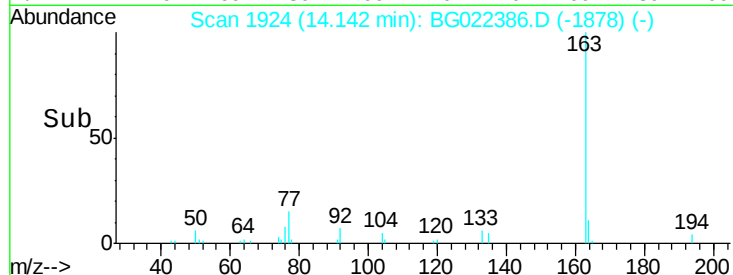
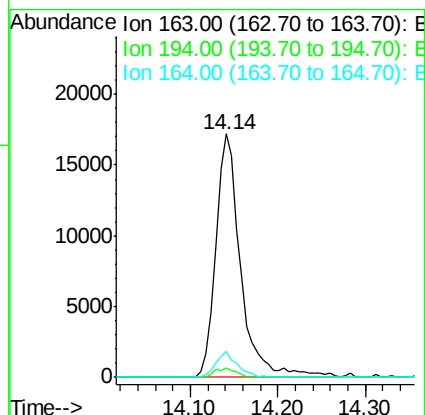
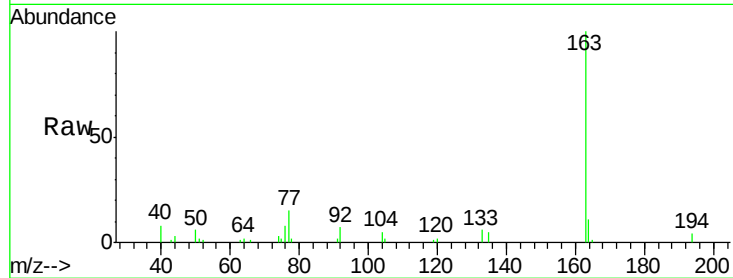
Instrument :

BNA_G

ClientSampleId :

SB-01-COMP

Tgt Ion:	163	Resp:	33812
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.0	4.6
164	10.6	8.1	12.1



#63

Phenanthrene-d10

Concen: 20.00 ng

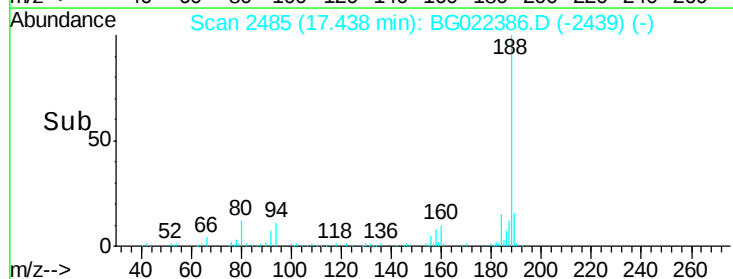
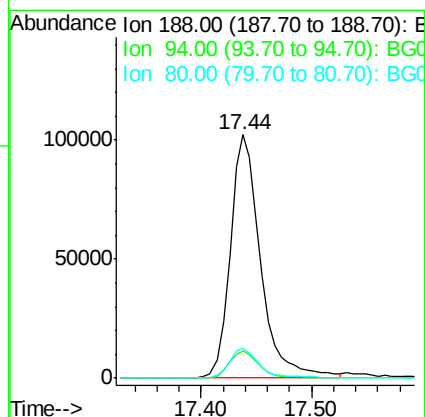
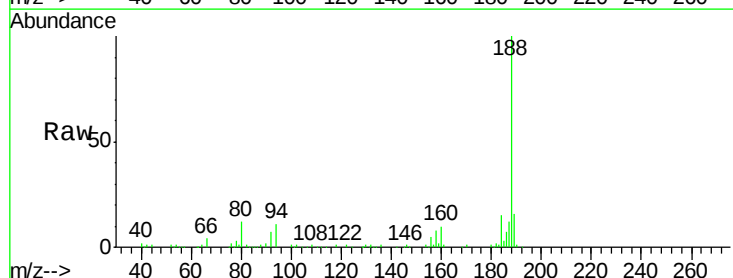
RT: 17.44 min Scan# 2485

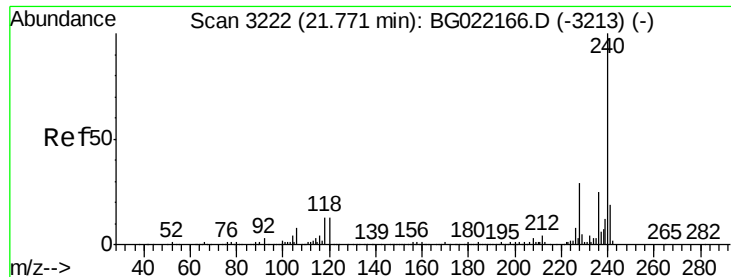
Delta R.T. -0.03 min

Lab File: BG022386.D

Acq: 17 Jun 2016 4:20

Tgt Ion:	188	Resp:	195685
Ion Ratio	Lower	Upper	
188	100		
94	11.4	7.5	11.3#
80	12.3	8.6	13.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.70 min Scan# 3211

Delta R.T. -0.04 min

Lab File: BG022386.D

Acq: 17 Jun 2016 4:20

Instrument :

BNA_G

ClientSampleId :

SB-01-COMP

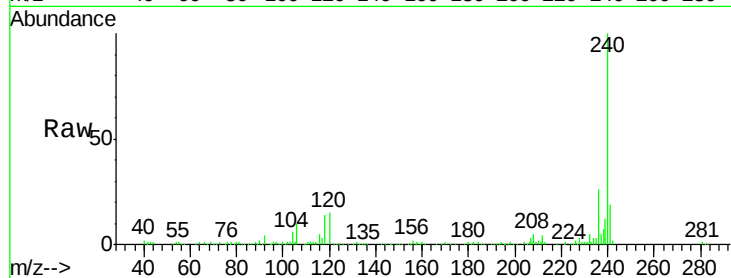
Tgt Ion:240 Resp: 162705

Ion Ratio Lower Upper

240 100

120 14.9 8.4 12.6#

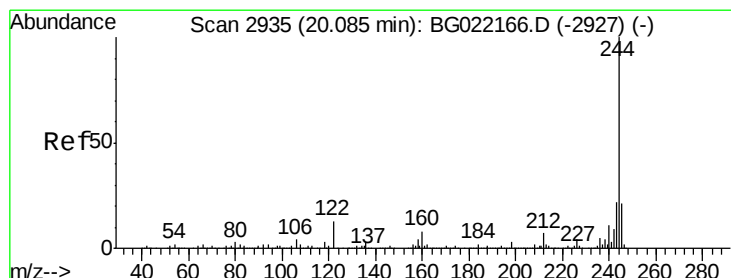
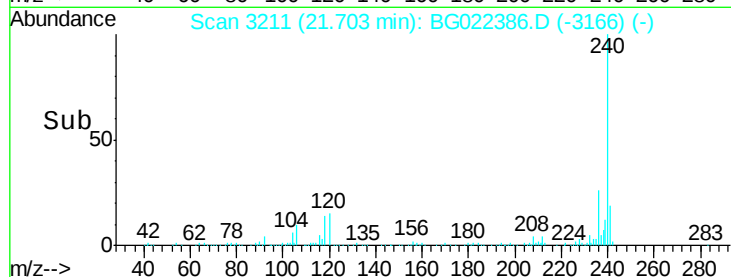
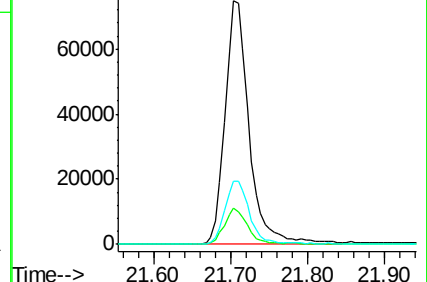
236 25.8 19.6 29.4



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: 60.92 ng

RT: 20.03 min Scan# 2927

Delta R.T. -0.02 min

Lab File: BG022386.D

Acq: 17 Jun 2016 4:20

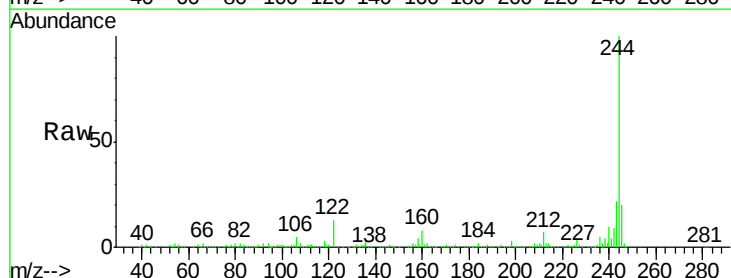
Tgt Ion:244 Resp: 417511

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

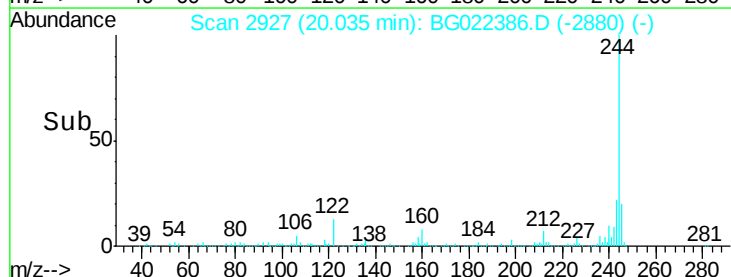
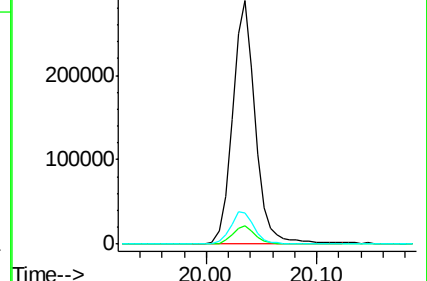
122 12.9 8.6 12.8#

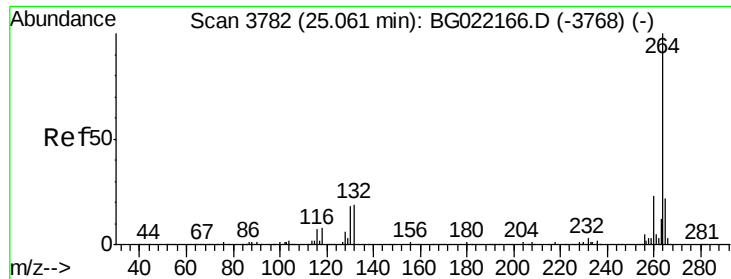


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

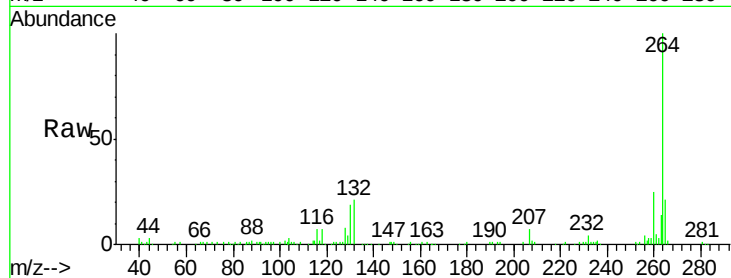




#86
Perylene-d12
Concen: 20.00 ng
RT: 24.98 min Scan# 3768
Delta R.T. -0.04 min
Lab File: BG022386.D
Acq: 17 Jun 2016 4:20

Instrument :
BNA_G
ClientSampleId :
SB-01-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.2	30.4
265	21.4	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

