

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061616\
 Data File : BG022389.D
 Acq On : 17 Jun 2016 6:20
 Operator : UM/SJ
 Sample : H3569-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-09-COMP

Quant Time: Jun 17 07:21:27 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

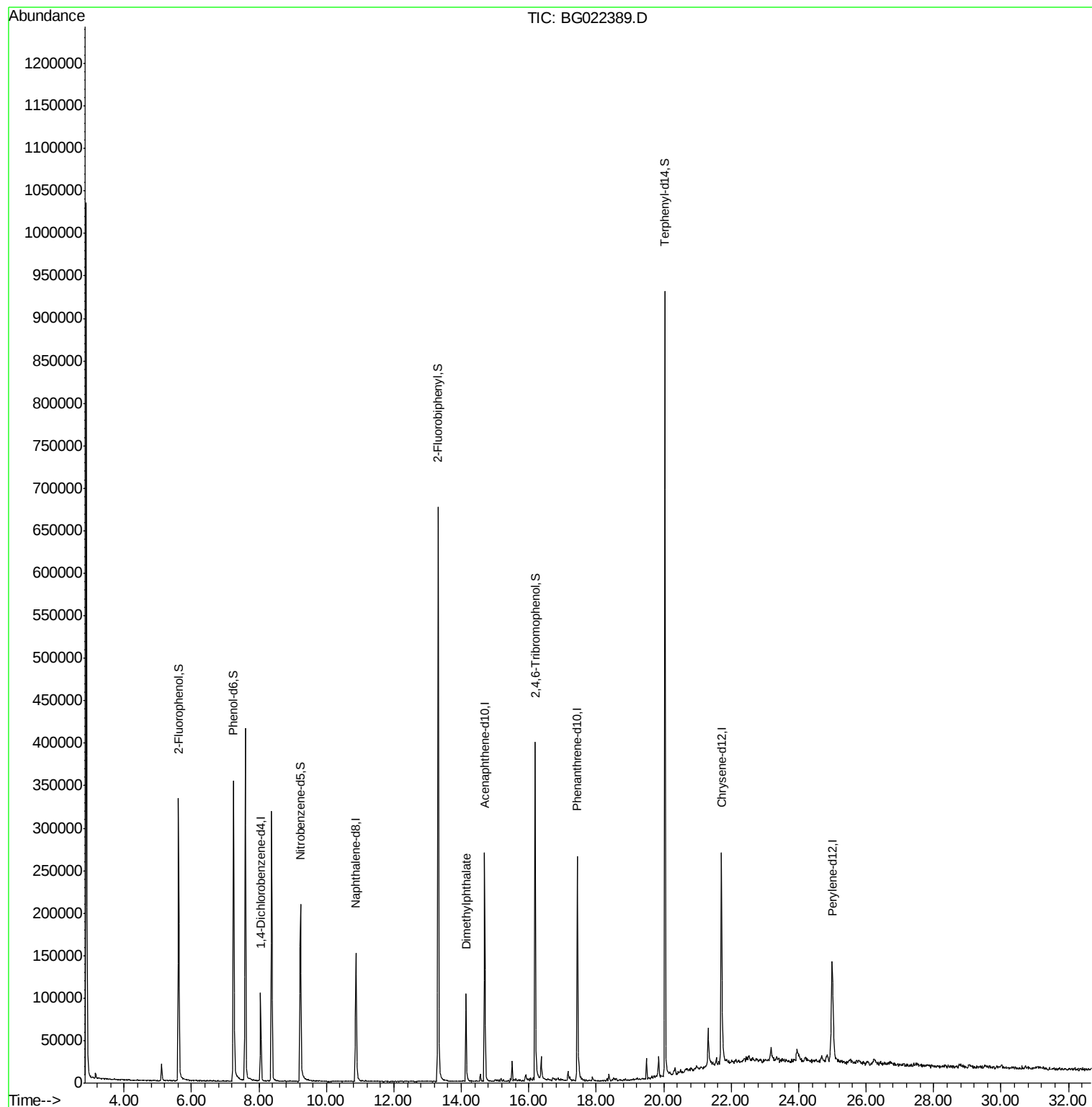
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	37109	20.00	ng	-0.04
21) Naphthalene-d8	10.88	136	184917	20.00	ng	-0.03
38) Acenaphthene-d10	14.69	164	106212	20.00	ng	-0.04
63) Phenanthrene-d10	17.44	188	201770	20.00	ng	-0.03
75) Chrysene-d12	21.71	240	166538	20.00	ng	-0.03
86) Perylene-d12	24.99	264	156657	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	225470	117.47	ng	-0.02
7) Phenol-d6	7.24	99	331313	109.79	ng	0.00
23) Nitrobenzene-d5	9.23	82	187128	70.55	ng	-0.03
41) 2,4,6-Tribromophenol	16.19	330	92226	76.85	ng	-0.03
44) 2-Fluorobiphenyl	13.31	172	442601	63.51	ng	-0.03
78) Terphenyl-d14	20.04	244	432845	61.70	ng	-0.02
Target Compounds						
49) Dimethylphthalate	14.14	163	98174	11.15	ng	Qvalue 98

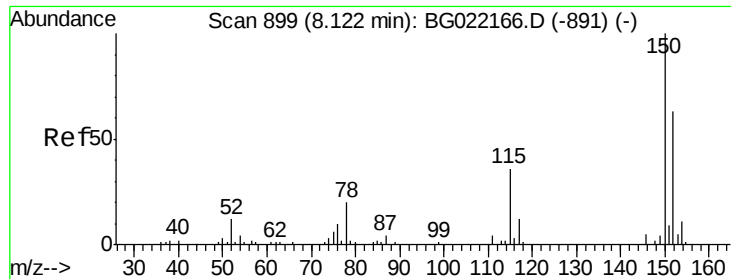
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.06 min Scan# 888

Delta R.T. -0.04 min

Lab File: BG022389.D

Acq: 17 Jun 2016 6:20

Instrument :

BNA_G

ClientSampleId :

SB-09-COMP

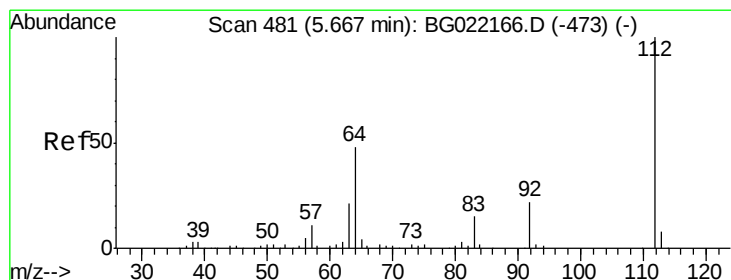
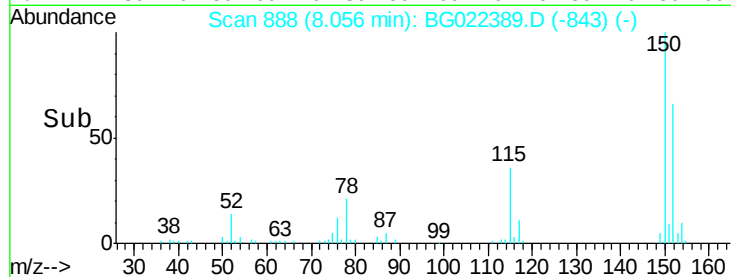
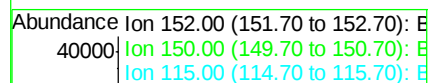
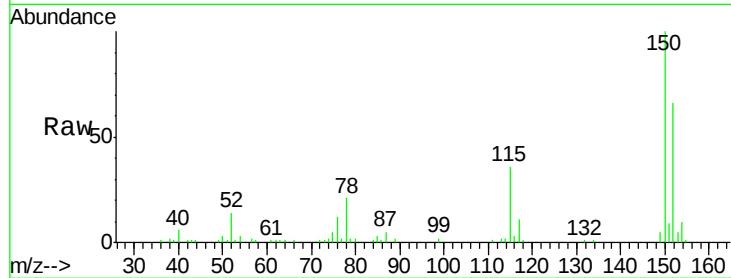
Tgt Ion:152 Resp: 37109

Ion Ratio Lower Upper

152 100

150 150.6 130.1 195.1

115 54.6 62.2 93.2#



#5

2-Fluorophenol

Concen: 117.47 ng

RT: 5.62 min Scan# 473

Delta R.T. -0.02 min

Lab File: BG022389.D

Acq: 17 Jun 2016 6:20

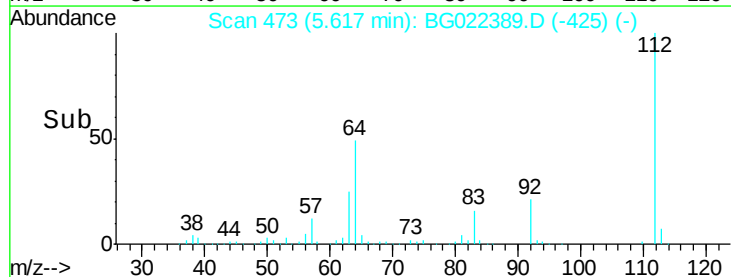
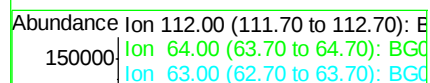
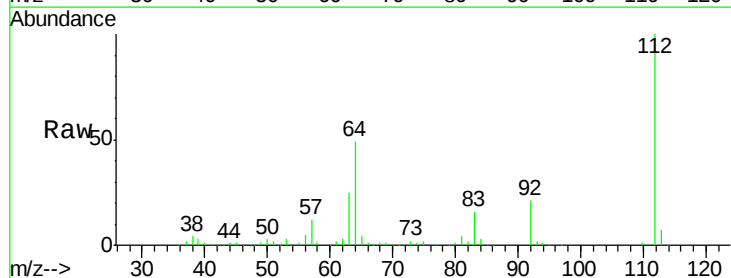
Tgt Ion:112 Resp: 225470

Ion Ratio Lower Upper

112 100

64 48.8 51.1 76.7#

63 24.5 24.6 37.0#





#7

Phenol-d6

Concen: 109.79 ng

RT: 7.24 min Scan# 750

Delta R.T. -0.01 min

Lab File: BG022389.D

Acq: 17 Jun 2016 6:20

Instrument :

BNA_G

ClientSampleId :

SB-09-COMP

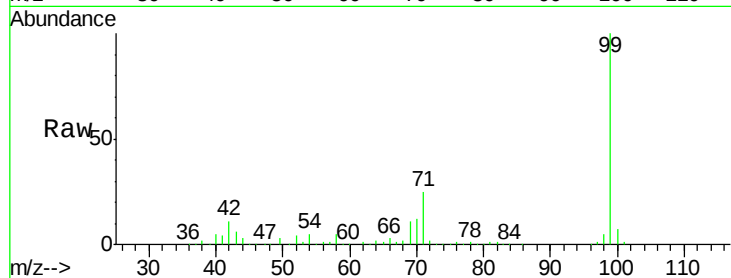
Tgt Ion: 99 Resp: 331313

Ion Ratio Lower Upper

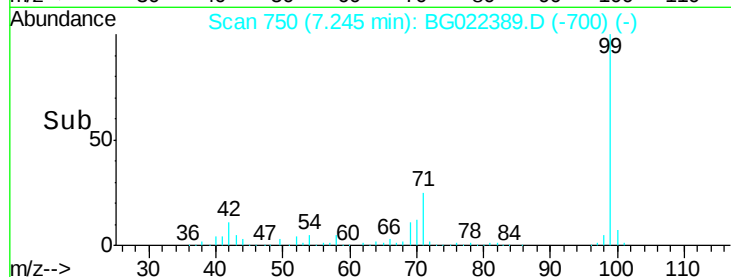
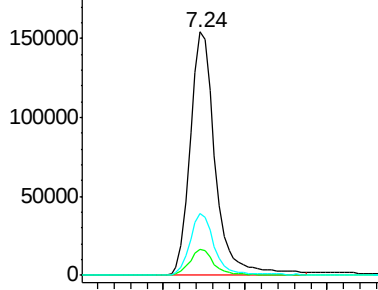
99 100

42 10.6 16.4 24.6#

71 25.2 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: 10.88 min Scan# 1368

Delta R.T. -0.03 min

Lab File: BG022389.D

Acq: 17 Jun 2016 6:20

Tgt Ion: 136 Resp: 184917

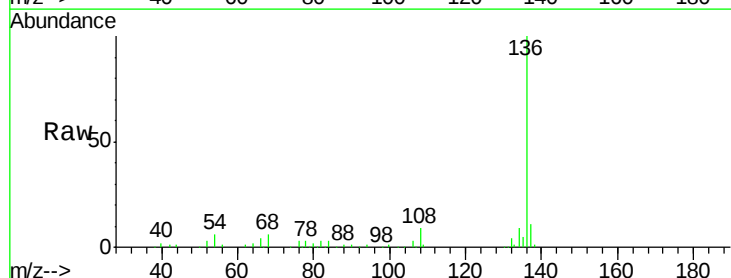
Ion Ratio Lower Upper

136 100

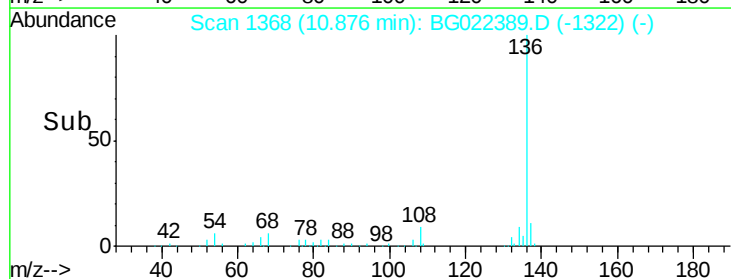
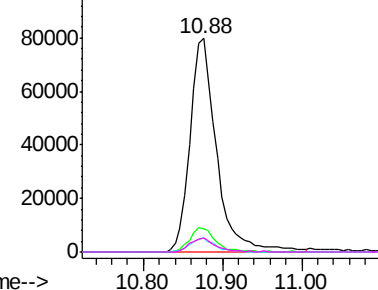
137 10.7 9.0 13.4

54 6.4 9.6 14.4#

68 6.5 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: 70.55 ng

RT: 9.23 min Scan# 1088

Delta R.T. -0.03 min

Lab File: BG022389.D

Acq: 17 Jun 2016 6:20

Instrument :

BNA_G

ClientSampleId :

SB-09-COMP

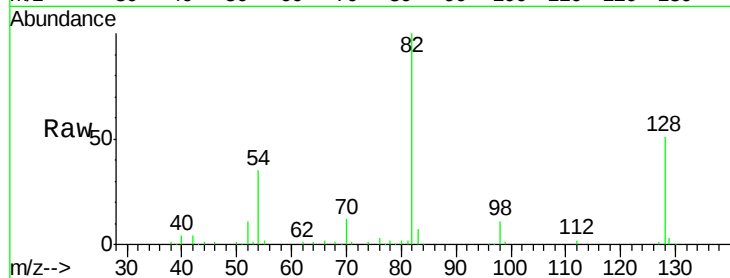
Tgt Ion: 82 Resp: 187128

Ion Ratio Lower Upper

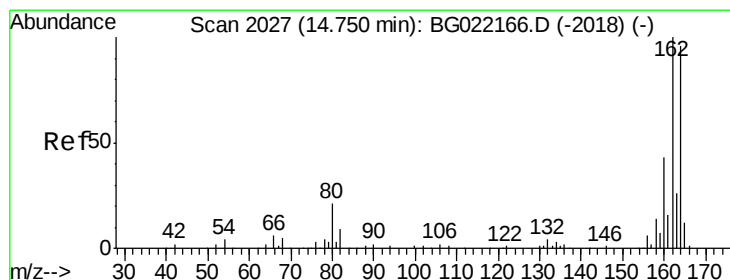
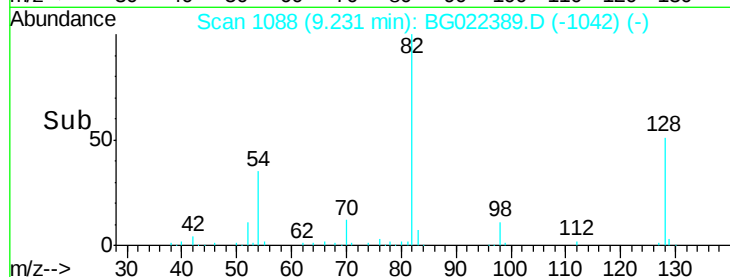
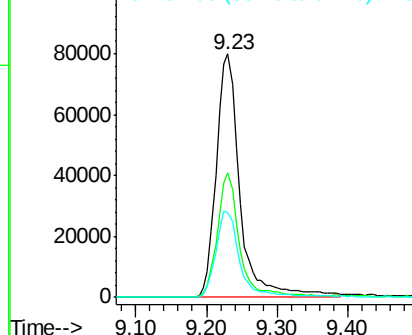
82 100

128 51.0 33.4 50.0#

54 34.8 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: 14.69 min Scan# 2017

Delta R.T. -0.04 min

Lab File: BG022389.D

Acq: 17 Jun 2016 6:20

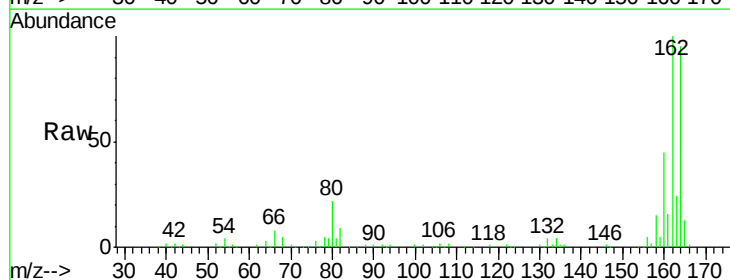
Tgt Ion: 164 Resp: 106212

Ion Ratio Lower Upper

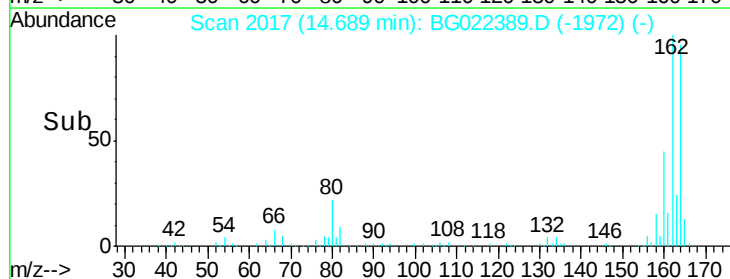
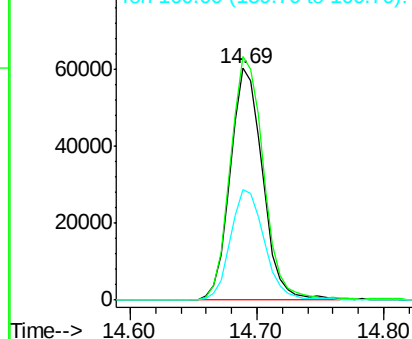
164 100

162 105.2 78.0 117.0

160 47.5 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

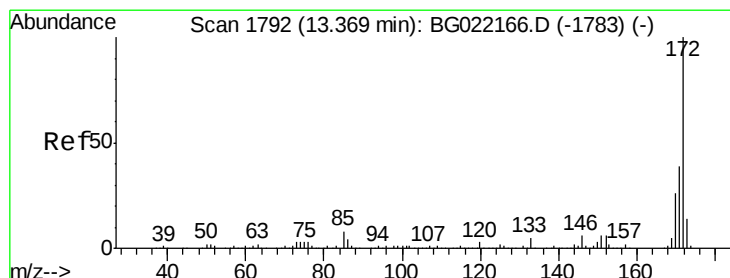
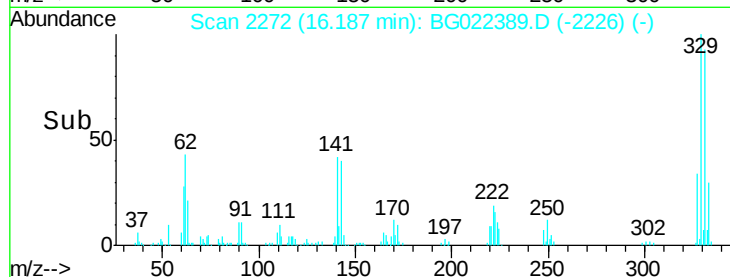
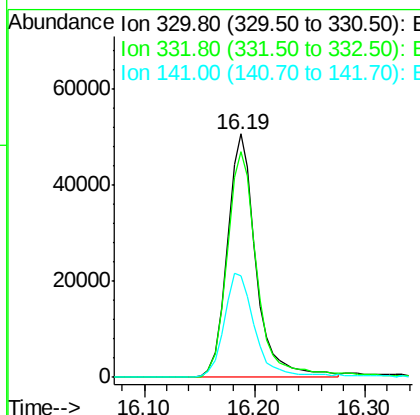
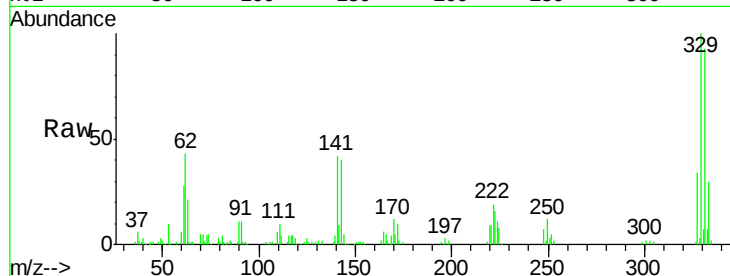




#41
 2,4,6-Tribromophenol
 Concen: 76.85 ng
 RT: 16.19 min Scan# 2272
 Delta R.T. -0.03 min
 Lab File: BG022389.D
 Acq: 17 Jun 2016 6:20

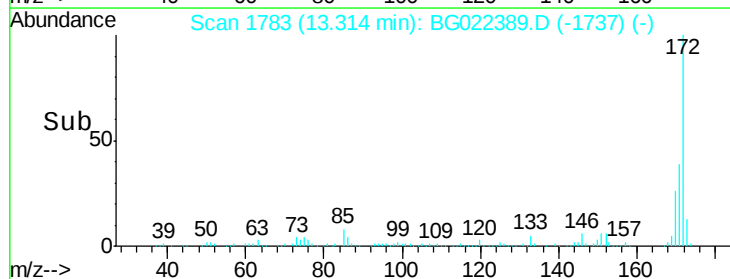
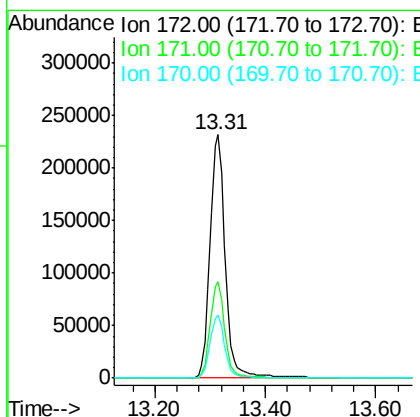
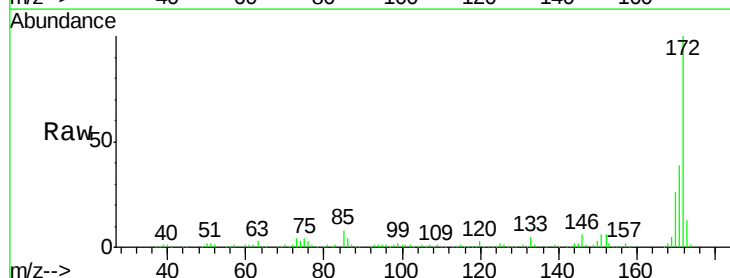
Instrument :
 BNA_G
 ClientSampleId :
 SB-09-COMP

Tgt Ion:330 Resp: 92226
 Ion Ratio Lower Upper
 330 100
 332 95.9 78.0 117.0
 141 46.5 33.8 50.8



#44
 2-Fluorobiphenyl
 Concen: 63.51 ng
 RT: 13.31 min Scan# 1783
 Delta R.T. -0.03 min
 Lab File: BG022389.D
 Acq: 17 Jun 2016 6:20

Tgt Ion:172 Resp: 442601
 Ion Ratio Lower Upper
 172 100
 171 39.4 27.8 41.6
 170 25.7 19.6 29.4





#49

Dimethylphthalate

Concen: 11.15 ng

RT: 14.14 min Scan# 1923

Delta R.T. -0.04 min

Lab File: BG022389.D

Acq: 17 Jun 2016 6:20

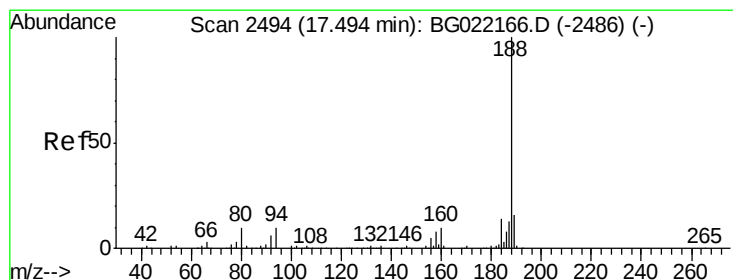
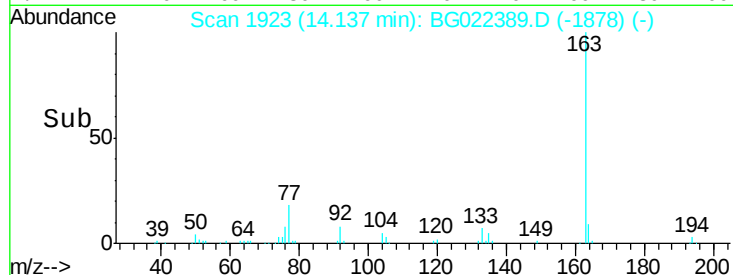
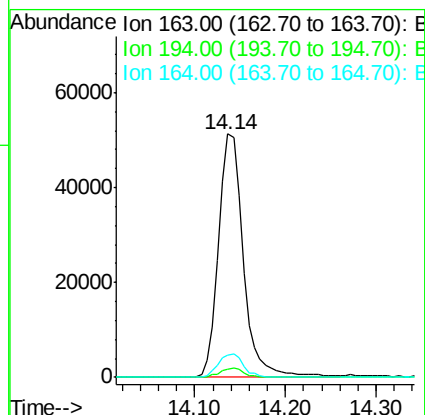
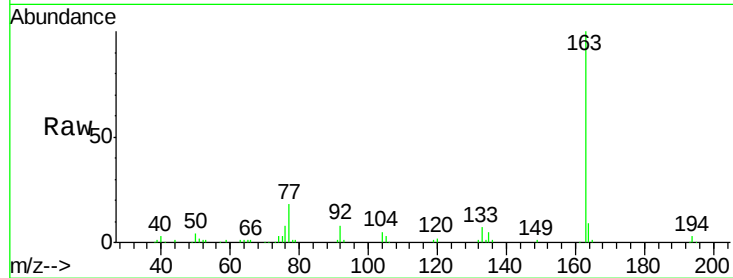
Instrument :

BNA_G

ClientSampleId :

SB-09-COMP

Tgt Ion:	163	Resp:	98174
Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.0	4.6
164	9.3	8.1	12.1



#63

Phenanthrene-d10

Concen: 20.00 ng

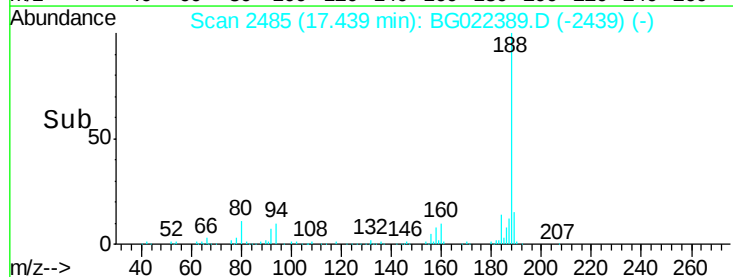
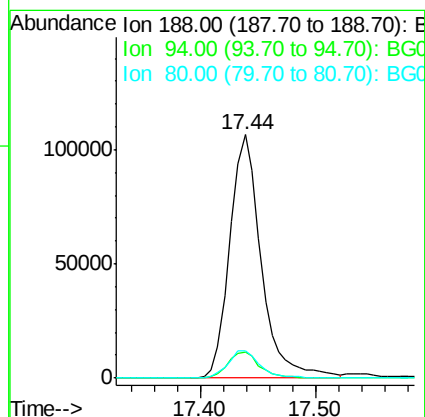
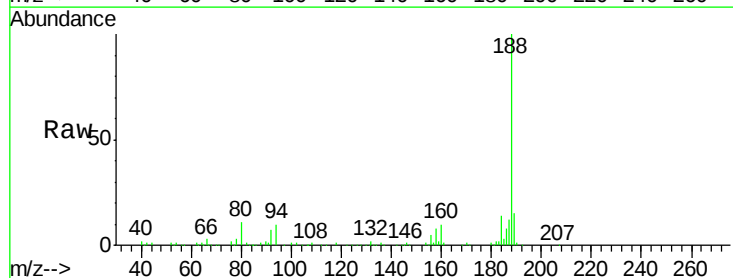
RT: 17.44 min Scan# 2485

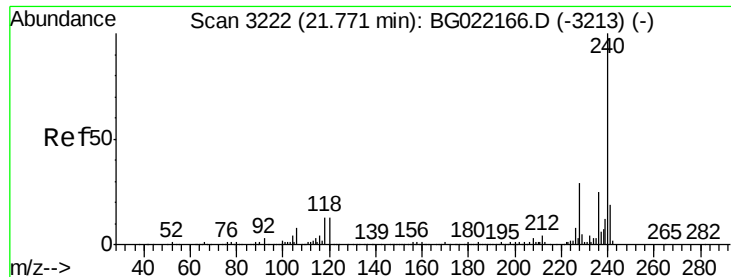
Delta R.T. -0.03 min

Lab File: BG022389.D

Acq: 17 Jun 2016 6:20

Tgt Ion:	188	Resp:	201770
Ion	Ratio	Lower	Upper
188	100		
94	10.5	7.5	11.3
80	11.0	8.6	13.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.71 min Scan# 3212

Delta R.T. -0.03 min

Lab File: BG022389.D

Acq: 17 Jun 2016 6:20

Instrument :

BNA_G

ClientSampleId :

SB-09-COMP

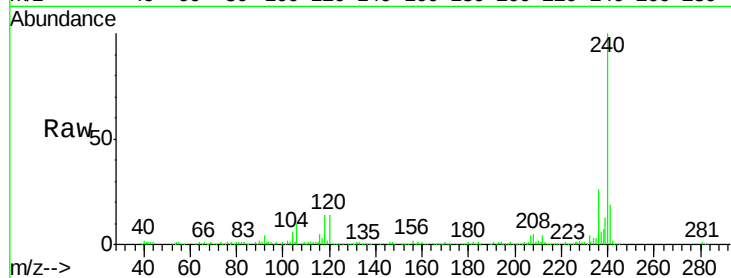
Tgt Ion:240 Resp: 166538

Ion Ratio Lower Upper

240 100

120 13.8 8.4 12.6#

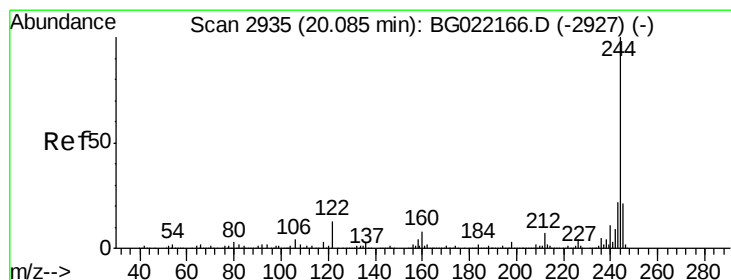
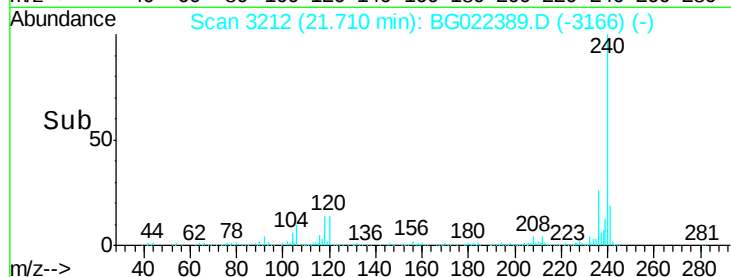
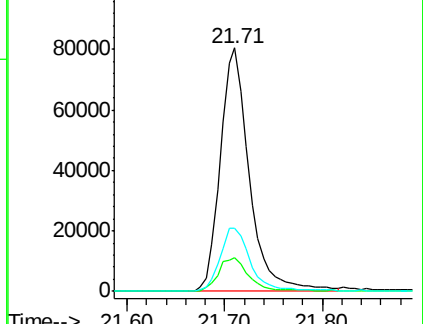
236 25.8 19.6 29.4



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: 61.70 ng

RT: 20.04 min Scan# 2927

Delta R.T. -0.02 min

Lab File: BG022389.D

Acq: 17 Jun 2016 6:20

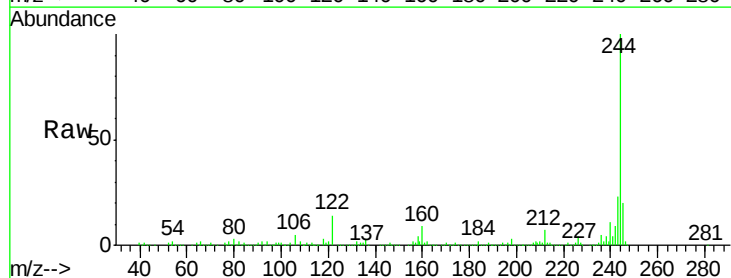
Tgt Ion:244 Resp: 432845

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

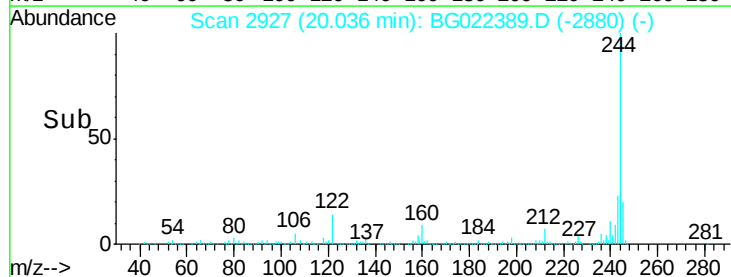
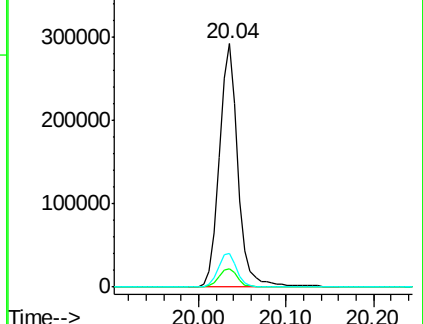
122 14.1 8.6 12.8#

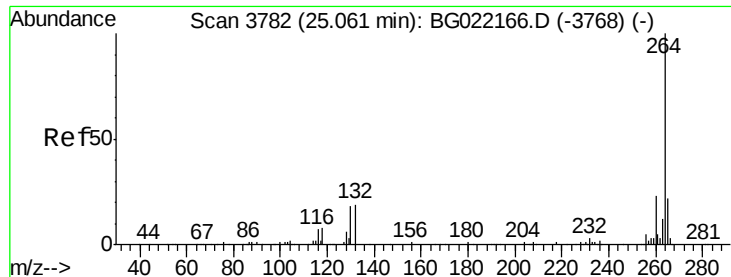


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.99 min Scan# 3771
Delta R.T. -0.02 min
Lab File: BG022389.D
Acq: 17 Jun 2016 6:20

Instrument :
BNA_G
ClientSampleId :
SB-09-COMP

Tgt Ion: 264 Resp: 156657
Ion Ratio Lower Upper
264 100
260 26.3 20.2 30.4
265 20.8 17.8 26.8

