

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061616\
 Data File : BG022388.D
 Acq On : 17 Jun 2016 5:40
 Operator : UM/SJ
 Sample : H3569-19
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-11-COMP

Quant Time: Jun 17 07:21:15 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

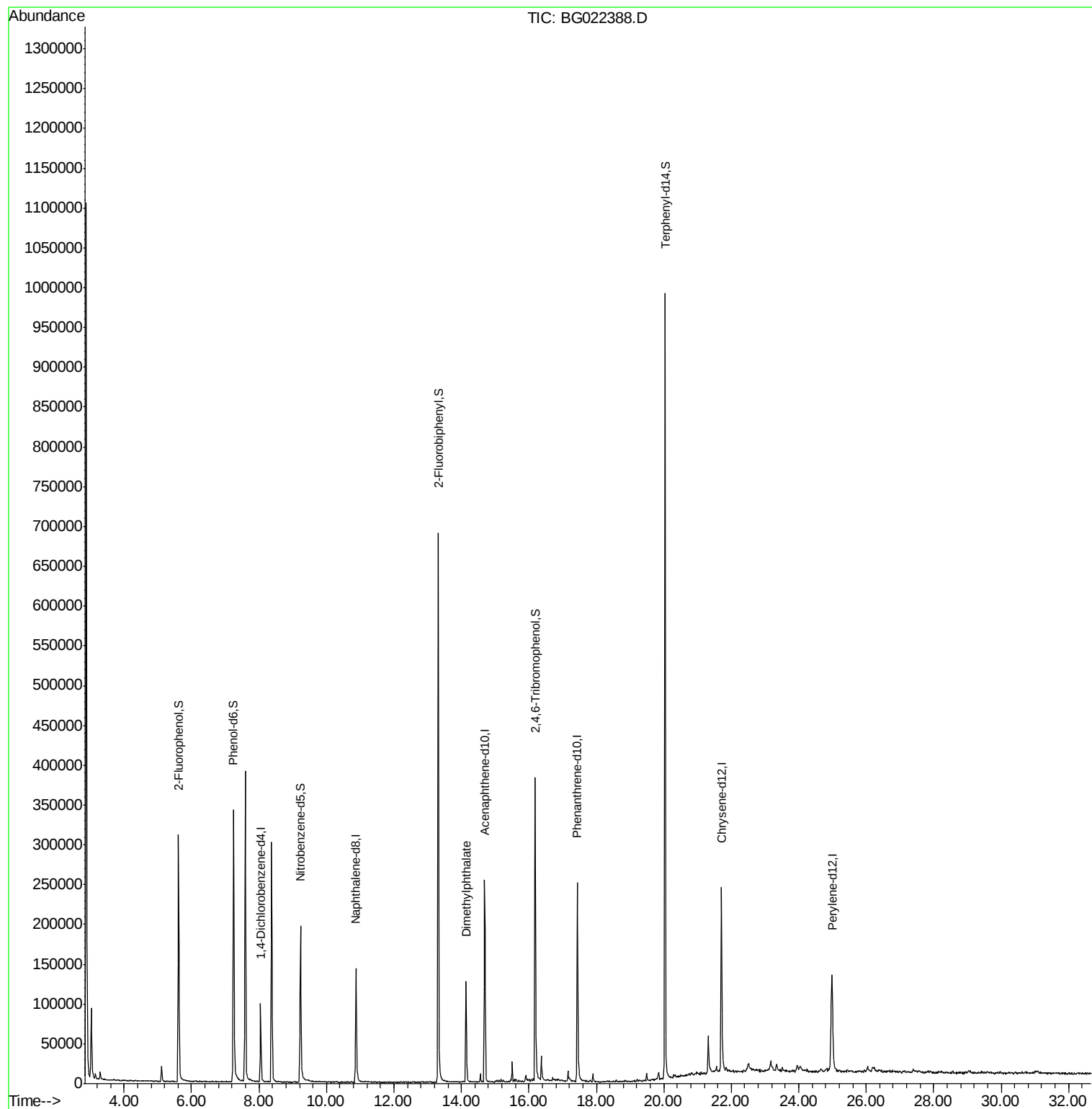
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	35822	20.00	ng	-0.04
21) Naphthalene-d8	10.87	136	177426	20.00	ng	-0.03
38) Acenaphthene-d10	14.69	164	101849	20.00	ng	-0.03
63) Phenanthrene-d10	17.44	188	193309	20.00	ng	-0.03
75) Chrysene-d12	21.71	240	165133	20.00	ng	-0.03
86) Perylene-d12	24.98	264	150779	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	211426	114.12	ng	-0.02
7) Phenol-d6	7.25	99	316073	108.50	ng	0.00
23) Nitrobenzene-d5	9.23	82	177274	69.66	ng	-0.03
41) 2,4,6-Tribromophenol	16.19	330	92344	80.24	ng	-0.03
44) 2-Fluorobiphenyl	13.32	172	449504	67.26	ng	-0.03
78) Terphenyl-d14	20.04	244	477413	68.64	ng	-0.02
Target Compounds						
49) Dimethylphthalate	14.14	163	115673	13.70	ng	Qvalue 100

(#) = 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

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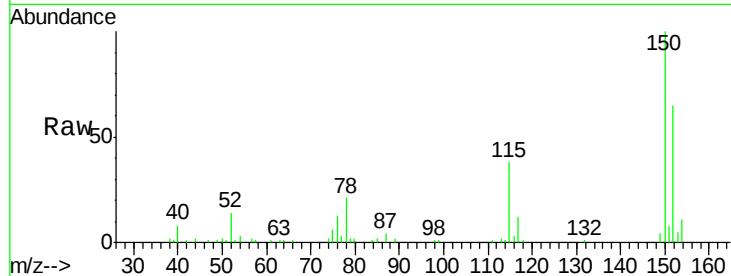
Tgt Ion:152 Resp: 35822

Ion Ratio Lower Upper

152 100

150 154.7 130.1 195.1

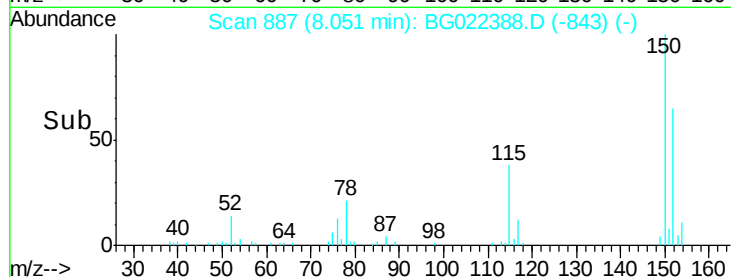
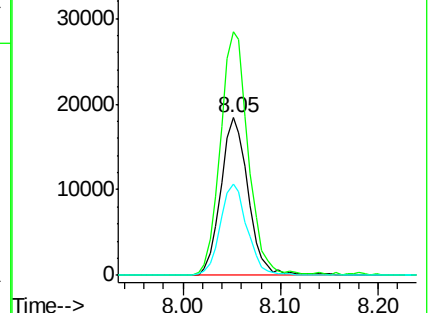
115 58.4 62.2 93.2#



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: 114.12 ng

RT: 5.62 min Scan# 473

Delta R.T. -0.02 min

Lab File: BG022388.D

Acq: 17 Jun 2016 5:40

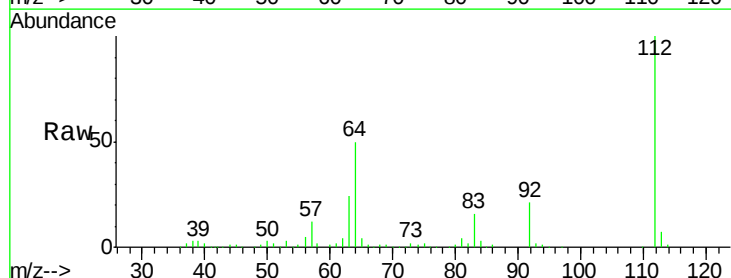
Tgt Ion:112 Resp: 211426

Ion Ratio Lower Upper

112 100

64 50.0 51.1 76.7#

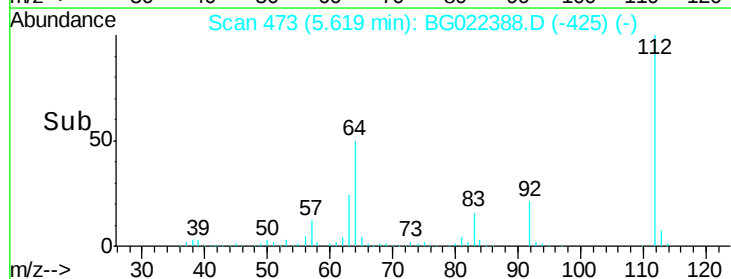
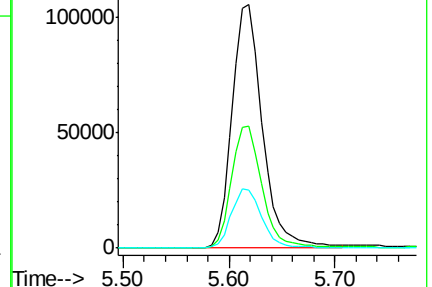
63 24.0 24.6 37.0#



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: 108.50 ng

RT: 7.25 min Scan# 750

Delta R.T. -0.00 min

Lab File: BG022388.D

Acq: 17 Jun 2016 5:40

Instrument :

BNA_G

ClientSampleId :

SB-11-COMP

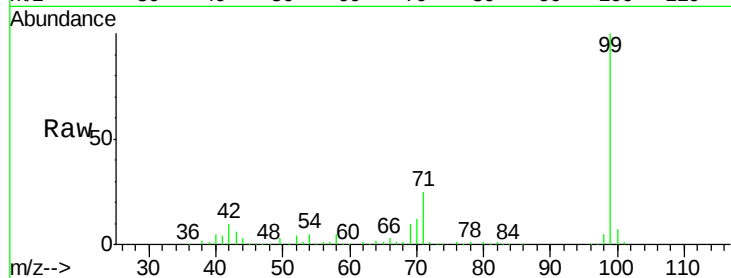
Tgt Ion: 99 Resp: 316073

Ion Ratio Lower Upper

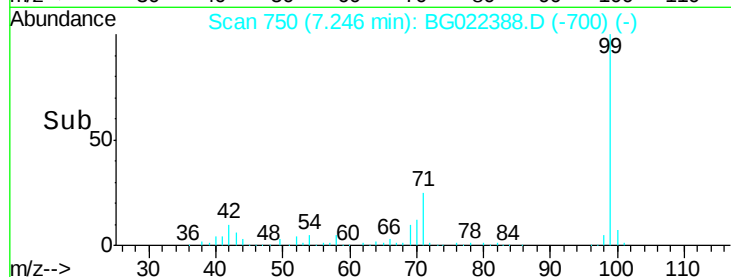
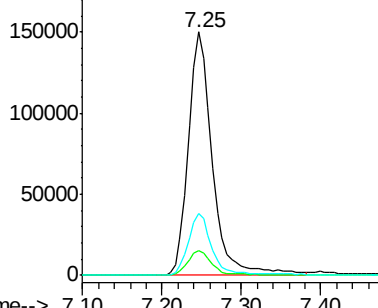
99 100

42 10.2 16.4 24.6#

71 25.4 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: BG022388.D

Acq: 17 Jun 2016 5:40

Tgt Ion: 136 Resp: 177426

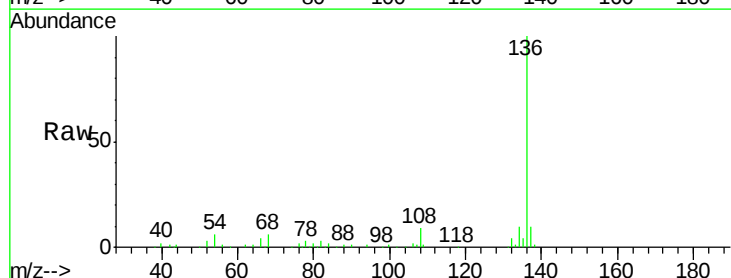
Ion Ratio Lower Upper

136 100

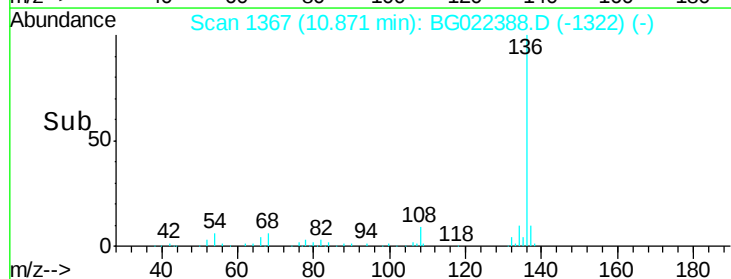
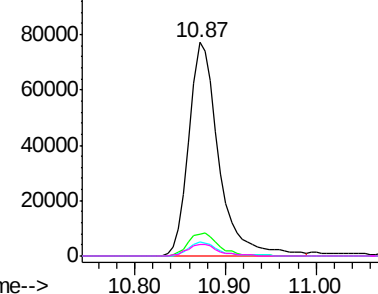
137 9.9 9.0 13.4

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

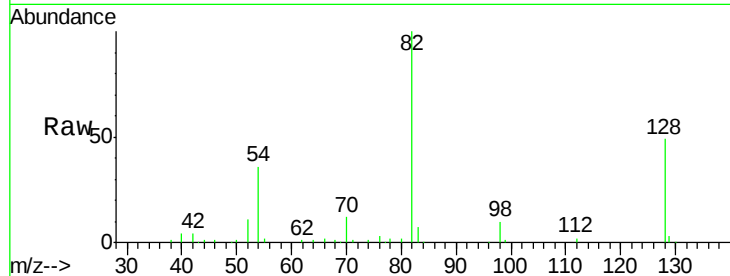




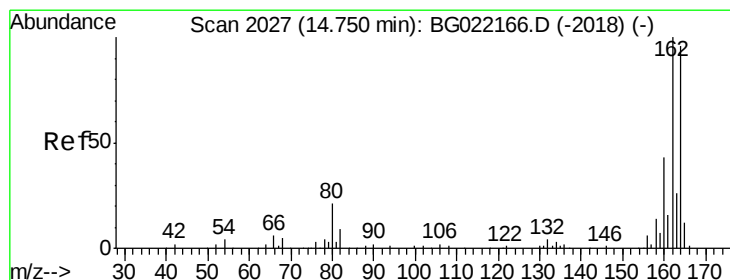
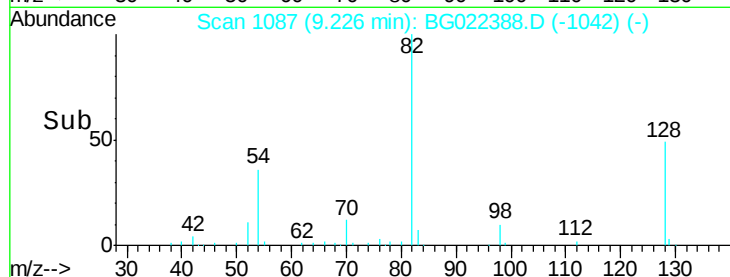
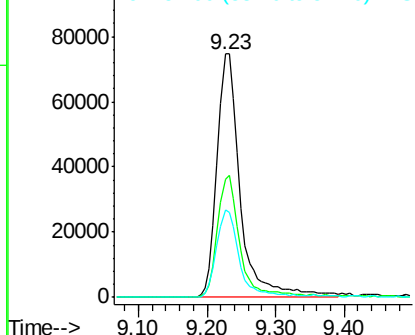
#23
Nitrobenzene-d5
Concen: 69.66 ng
RT: 9.23 min Scan# 1087
Delta R.T. -0.03 min
Lab File: BG022388.D
Acq: 17 Jun 2016 5:40

Instrument :
BNA_G
ClientSampleId :
SB-11-COMP

Tgt Ion: 82 Resp: 177274
Ion Ratio Lower Upper
82 100
128 48.8 33.4 50.0
54 35.9 46.1 69.1#

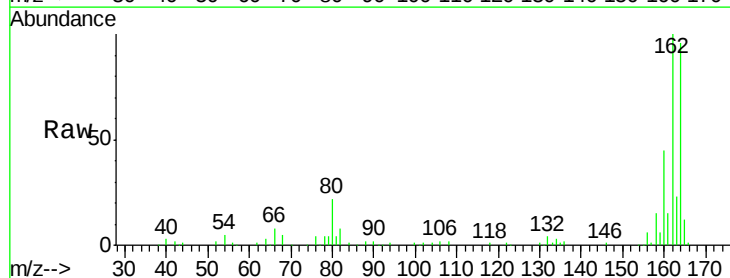


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

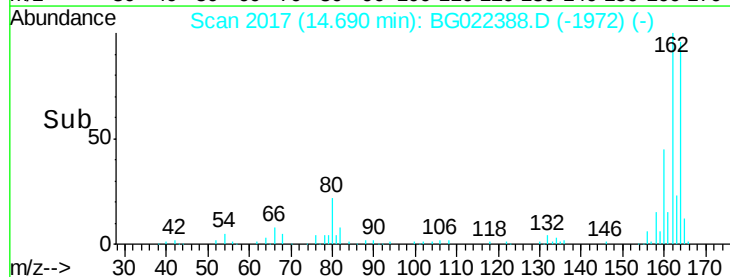
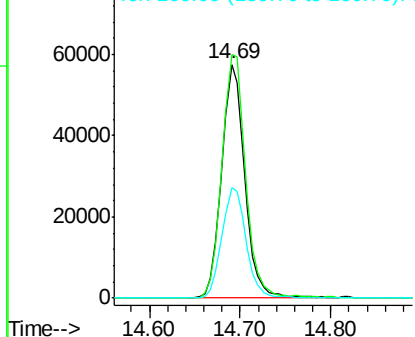


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.69 min Scan# 2017
Delta R.T. -0.03 min
Lab File: BG022388.D
Acq: 17 Jun 2016 5:40

Tgt Ion: 164 Resp: 101849
Ion Ratio Lower Upper
164 100
162 104.3 78.0 117.0
160 47.4 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

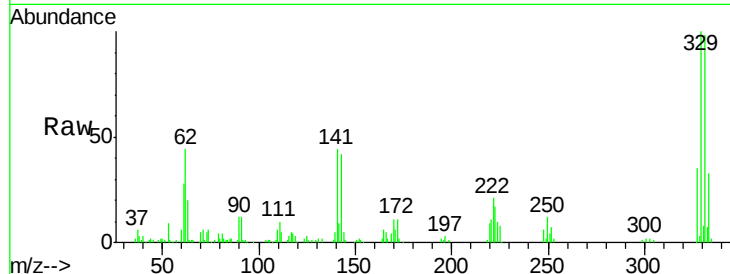




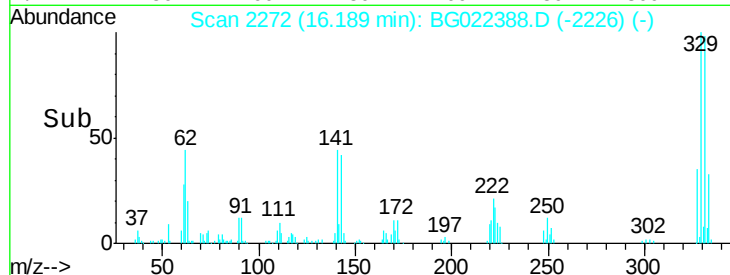
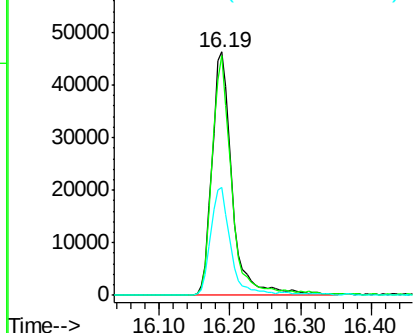
#41
 2,4,6-Tribromophenol
 Concen: 80.24 ng
 RT: 16.19 min Scan# 2272
 Delta R.T. -0.03 min
 Lab File: BG022388.D
 Acq: 17 Jun 2016 5:40

Instrument :
 BNA_G
 ClientSampleId :
 SB-11-COMP

Tgt Ion:330 Resp: 92344
 Ion Ratio Lower Upper
 330 100
 332 95.4 78.0 117.0
 141 44.0 33.8 50.8

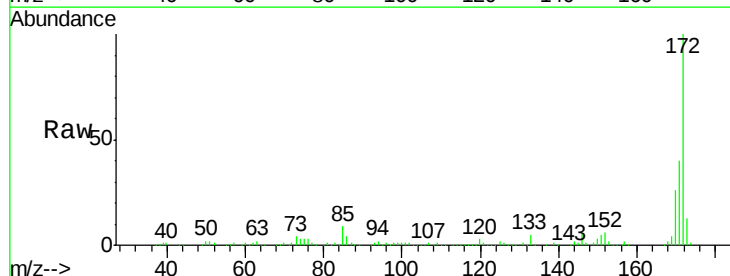


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

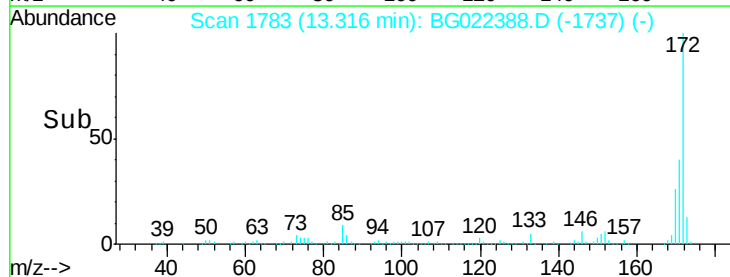
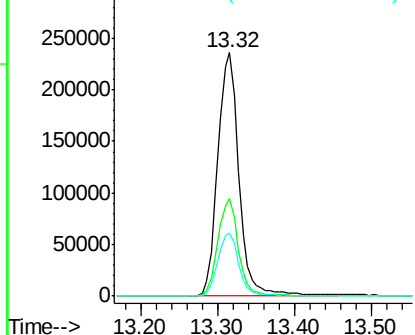


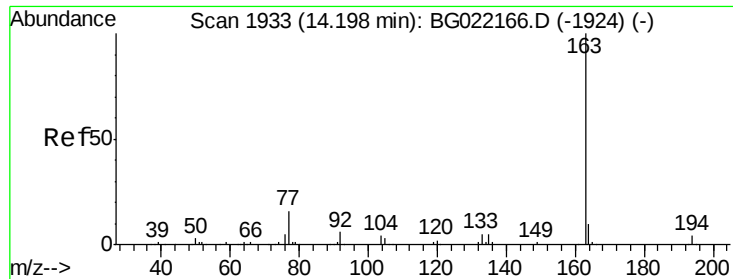
#44
 2-Fluorobiphenyl
 Concen: 67.26 ng
 RT: 13.32 min Scan# 1783
 Delta R.T. -0.03 min
 Lab File: BG022388.D
 Acq: 17 Jun 2016 5:40

Tgt Ion:172 Resp: 449504
 Ion Ratio Lower Upper
 172 100
 171 40.0 27.8 41.6
 170 26.1 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





#49

Dimethylphthalate

Concen: 13.70 ng

RT: 14.14 min Scan# 1923

Delta R.T. -0.03 min

Lab File: BG022388.D

Acq: 17 Jun 2016 5:40

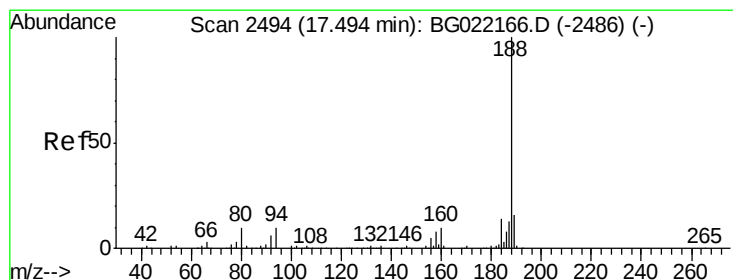
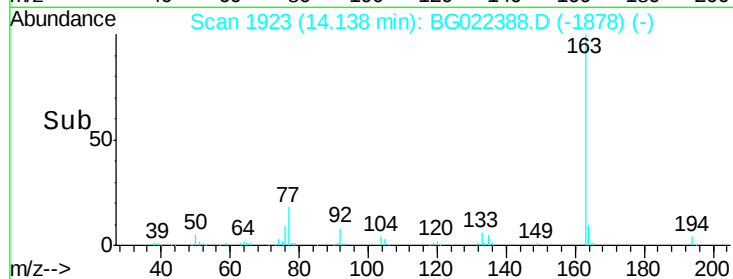
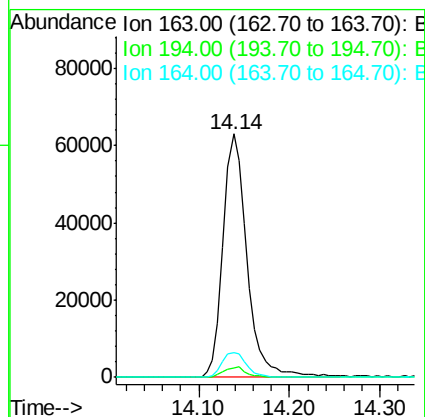
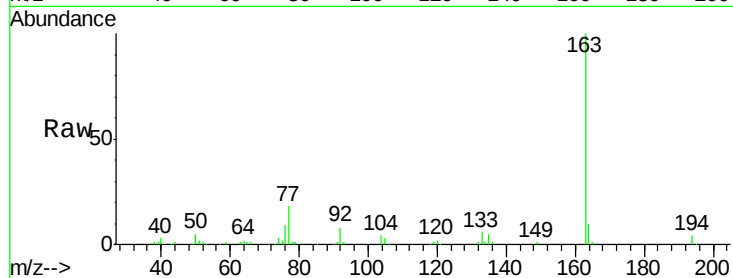
Instrument :

BNA_G

ClientSampleId :

SB-11-COMP

Tgt Ion:	163	Resp:	115673
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.0	4.6
164	10.3	8.1	12.1



#63

Phenanthrene-d10

Concen: 20.00 ng

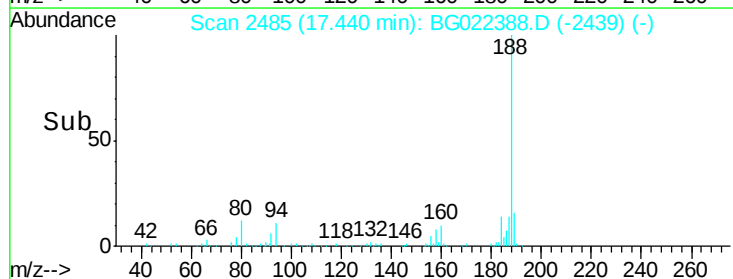
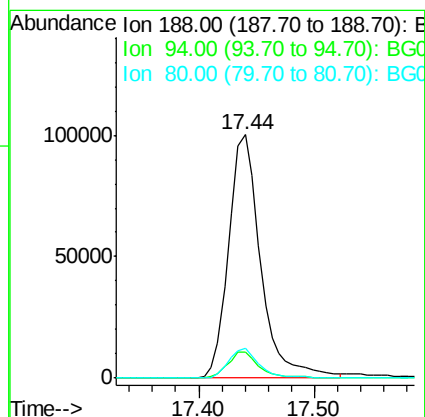
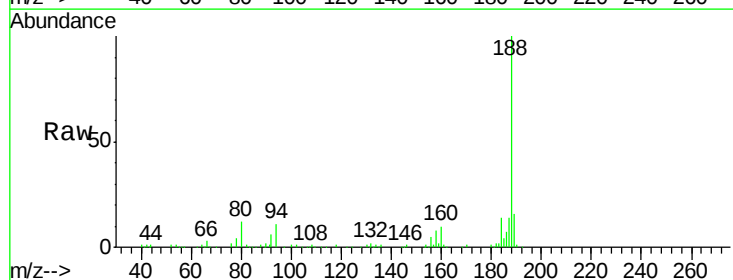
RT: 17.44 min Scan# 2485

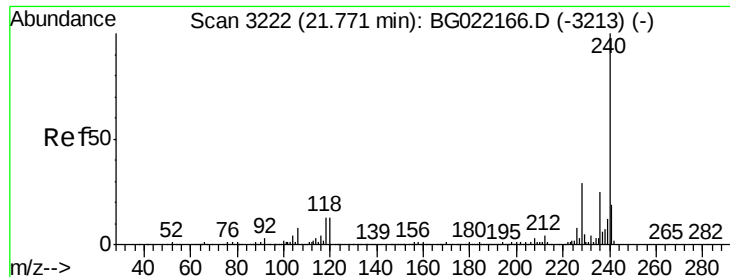
Delta R.T. -0.03 min

Lab File: BG022388.D

Acq: 17 Jun 2016 5:40

Tgt Ion:	188	Resp:	193309
Ion Ratio	Lower	Upper	
188	100		
94	10.5	7.5	11.3
80	12.1	8.6	13.0

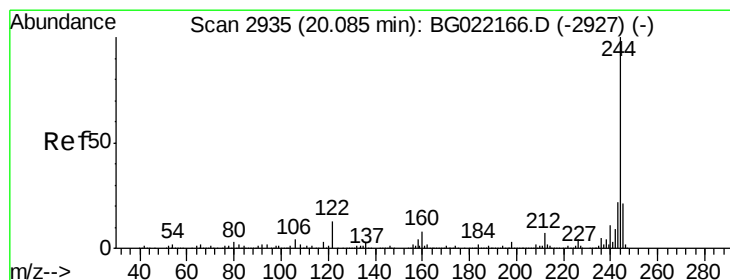
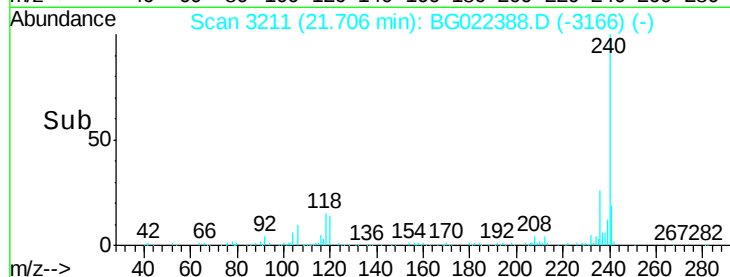
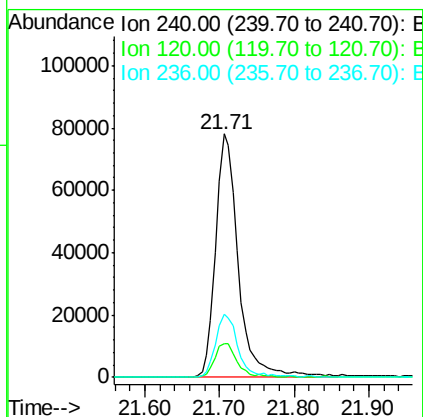
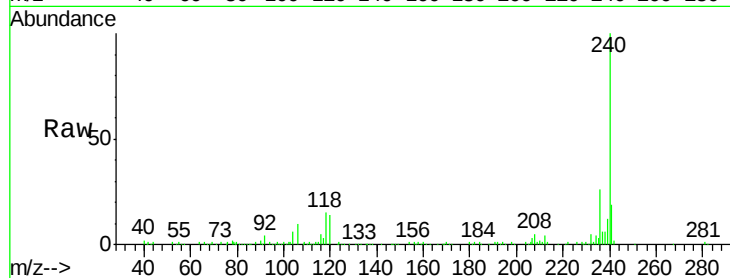




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.71 min Scan# 3211
Delta R.T. -0.03 min
Lab File: BG022388.D
Acq: 17 Jun 2016 5:40

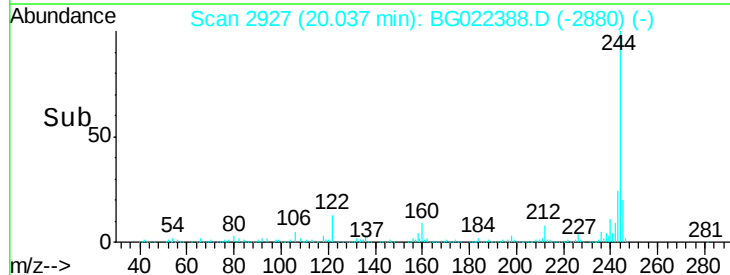
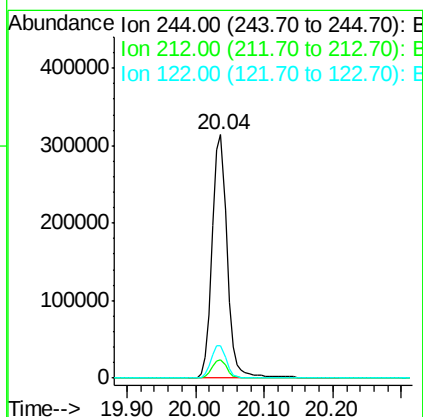
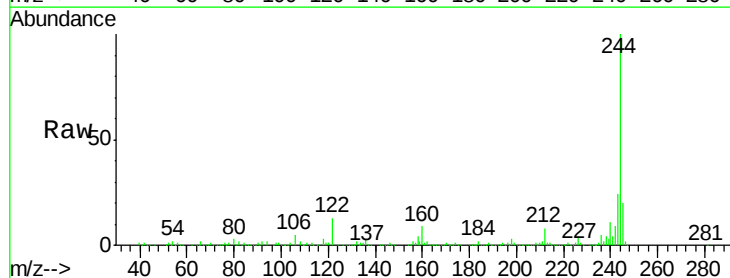
Instrument :
BNA_G
ClientSampleId :
SB-11-COMP

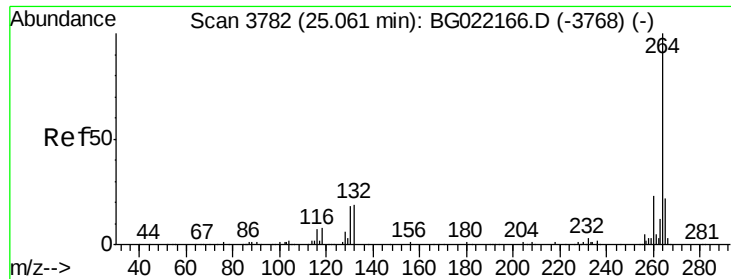
Tgt Ion:240 Resp: 165133
Ion Ratio Lower Upper
240 100
120 14.1 8.4 12.6#
236 25.9 19.6 29.4



#78
Terphenyl-d14
Concen: 68.64 ng
RT: 20.04 min Scan# 2927
Delta R.T. -0.02 min
Lab File: BG022388.D
Acq: 17 Jun 2016 5:40

Tgt Ion:244 Resp: 477413
Ion Ratio Lower Upper
244 100
212 7.7 6.5 9.7
122 13.3 8.6 12.8#

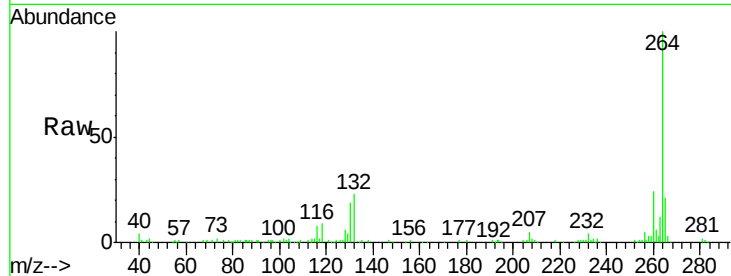




#86
Perylene-d12
Concen: 20.00 ng
RT: 24.98 min Scan# 3769
Delta R.T. -0.03 min
Lab File: BG022388.D
Acq: 17 Jun 2016 5:40

Instrument :
BNA_G
ClientSampleId :
SB-11-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	20.2	30.4
265	20.6	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

