

Data Path : S:\HPCHEM1\BNA_G\Data\BG022916\
 Data File : BG021189.D
 Acq On : 1 Mar 2016 15:22
 Operator : UM/SJ
 Sample : H1521-15RE
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-4+20(0-2)RE

Quant Time: Mar 01 16:05:38 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 29 17:40:25 2016
 Response via : Initial Calibration

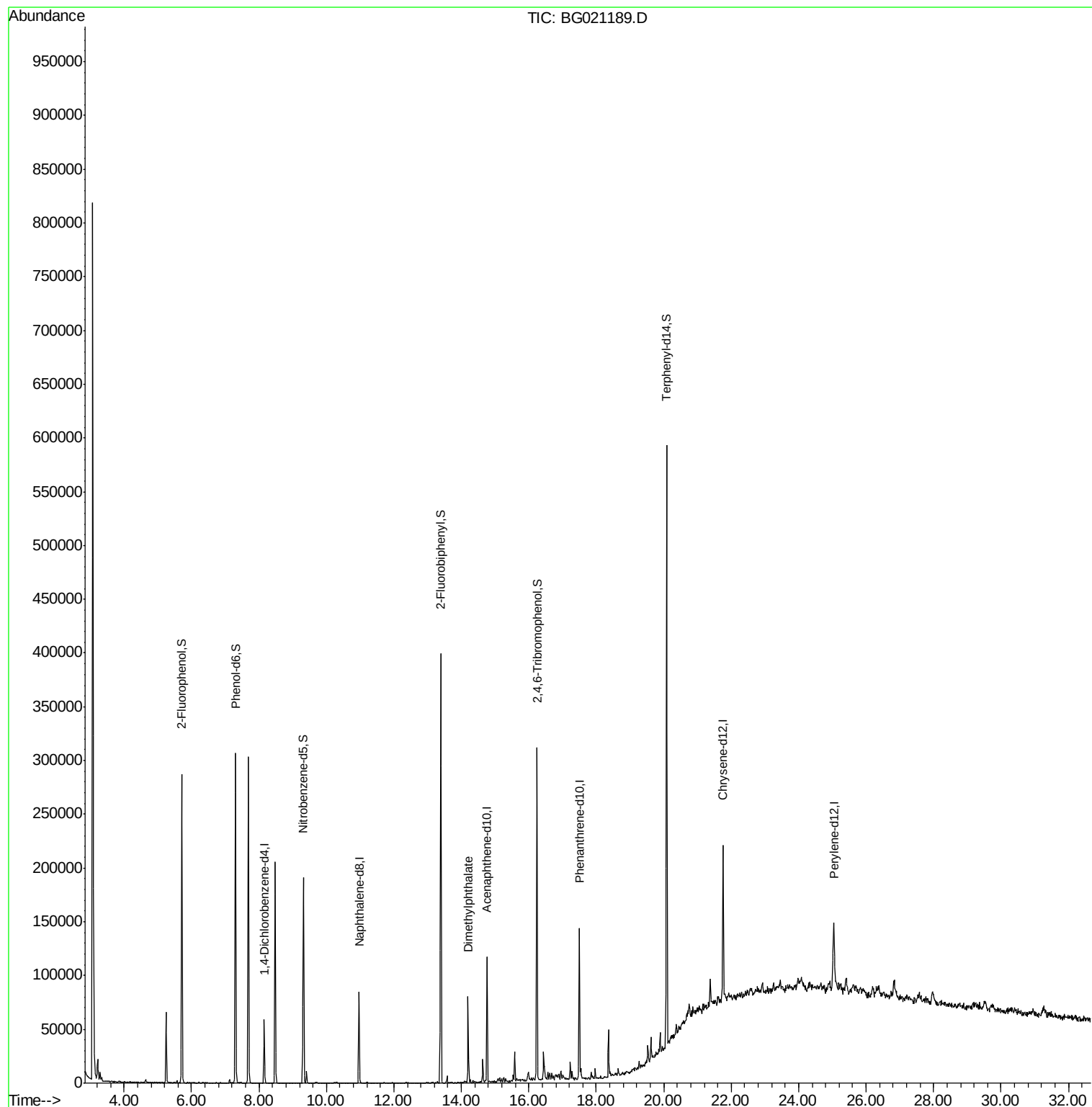
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	14699	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	67042	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	36019	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	77616	20.00	ng	0.00
75) Chrysene-d12	21.76	240	80360	20.00	ng	0.00
86) Perylene-d12	25.04	264	62623	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	112697	121.89	ng	0.00
7) Phenol-d6	7.30	99	170483	112.13	ng	0.00
23) Nitrobenzene-d5	9.32	82	122603	77.38	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	39511	105.43	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	183241	72.24	ng	0.00
78) Terphenyl-d14	20.08	244	218504	65.87	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.20	163	45487	14.17	ng	Qvalue 99

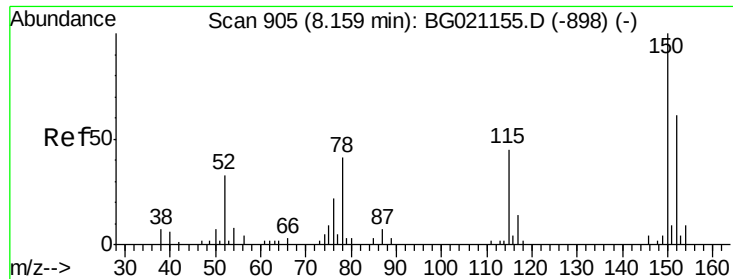
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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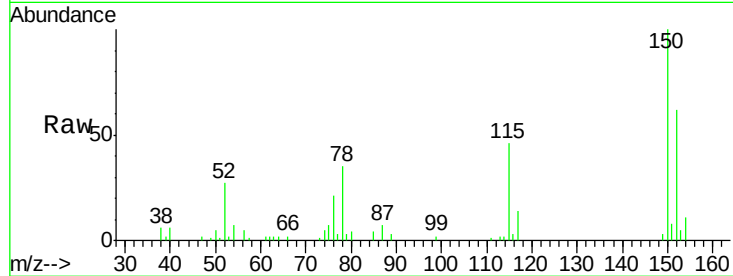


#1

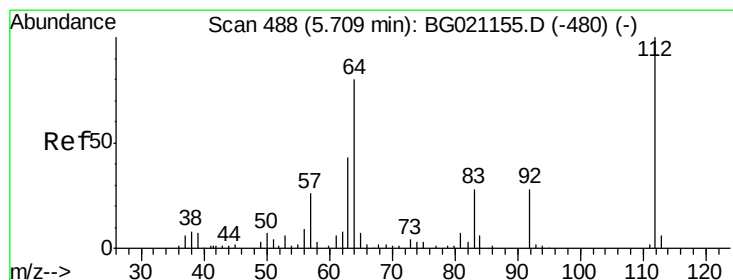
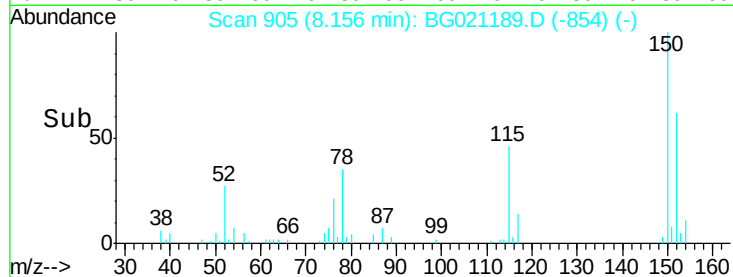
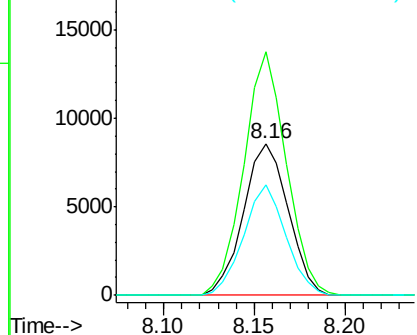
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 905
Delta R.T. -0.00 min
Lab File: BG021189.D
Acq: 1 Mar 2016 15:22

Instrument :
BNA_G
ClientSampleId :
SP-4+20(0-2)RE

Tgt Ion:152 Resp: 14699
Ion Ratio Lower Upper
152 100
150 160.1 123.4 185.2
115 73.0 43.3 64.9#



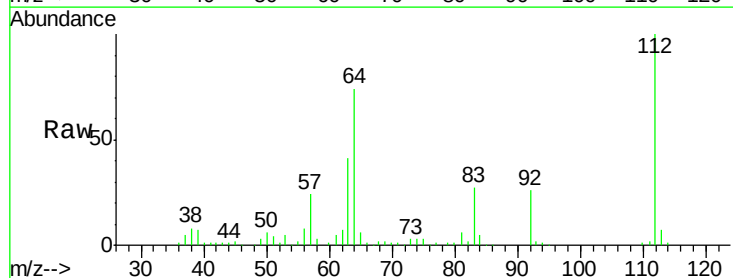
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



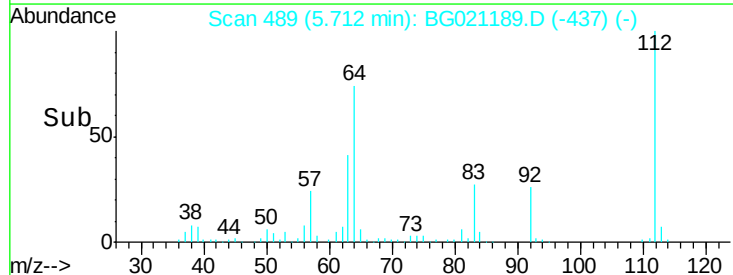
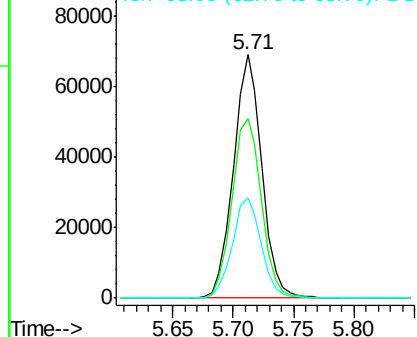
#5

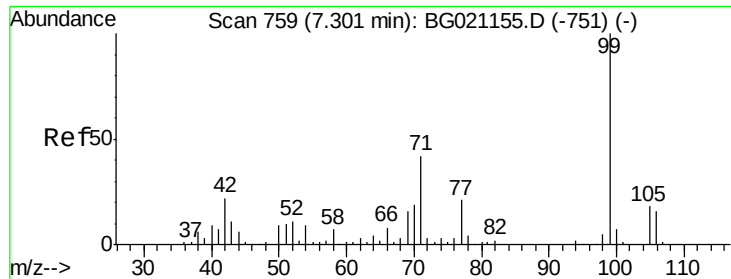
2-Fluorophenol
Concen: 121.89 ng
RT: 5.71 min Scan# 489
Delta R.T. 0.00 min
Lab File: BG021189.D
Acq: 1 Mar 2016 15:22

Tgt Ion:112 Resp: 112697
Ion Ratio Lower Upper
112 100
64 73.5 42.6 63.8#
63 41.2 21.7 32.5#



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: 112.13 ng

RT: 7.30 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG021189.D

Acq: 1 Mar 2016 15:22

Instrument :

BNA_G

ClientSampleId :

SP-4+20(0-2)RE

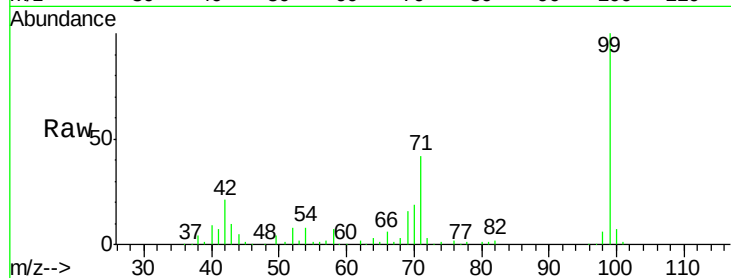
Tgt Ion: 99 Resp: 170483

Ion Ratio Lower Upper

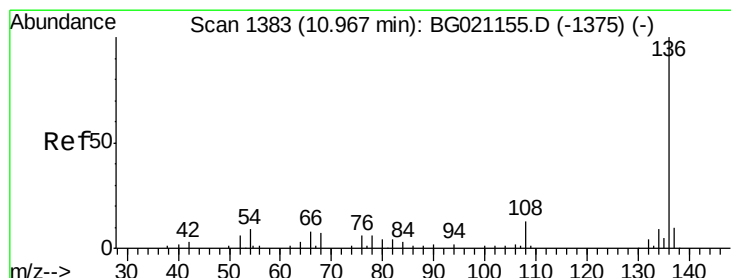
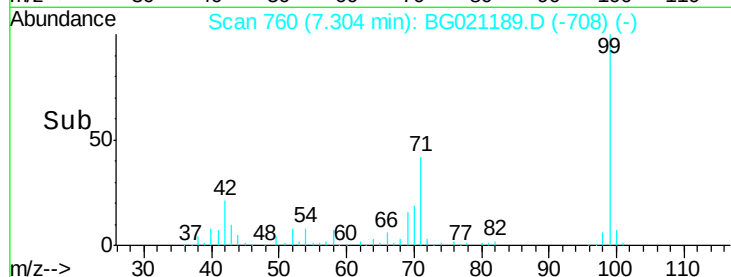
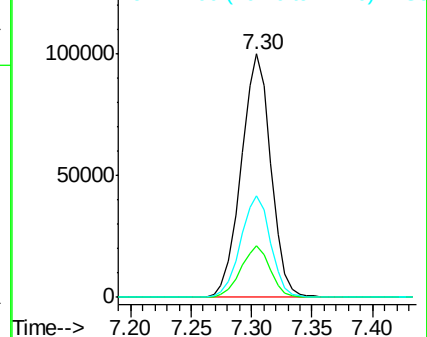
99 100

42 20.9 13.2 19.8#

71 41.6 25.2 37.8#



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: 10.96 min Scan# 1383

Delta R.T. -0.00 min

Lab File: BG021189.D

Acq: 1 Mar 2016 15:22

Tgt Ion: 136 Resp: 67042

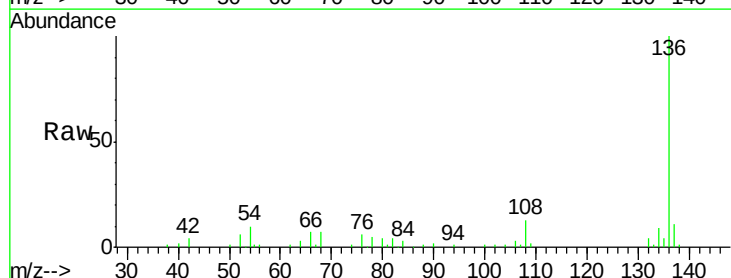
Ion Ratio Lower Upper

136 100

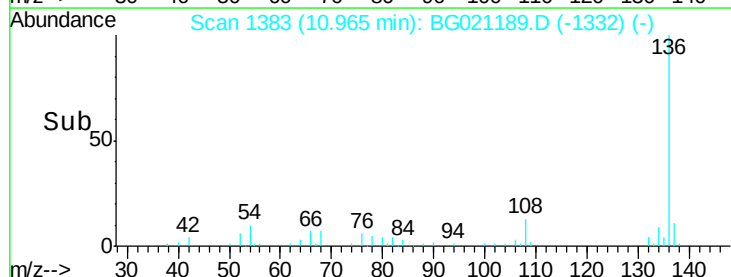
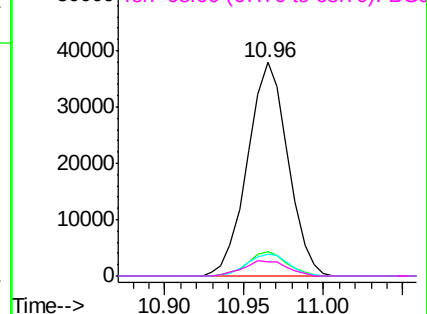
137 11.2 8.8 13.2

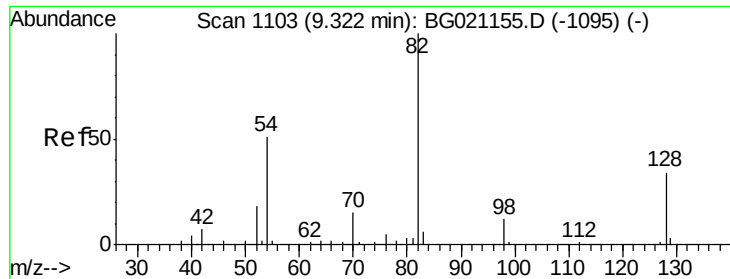
54 10.0 6.9 10.3

68 6.8 5.8 8.6



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

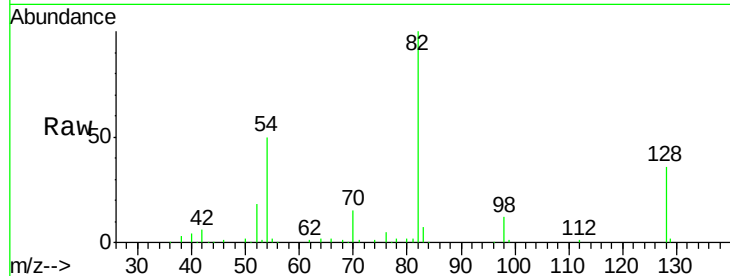




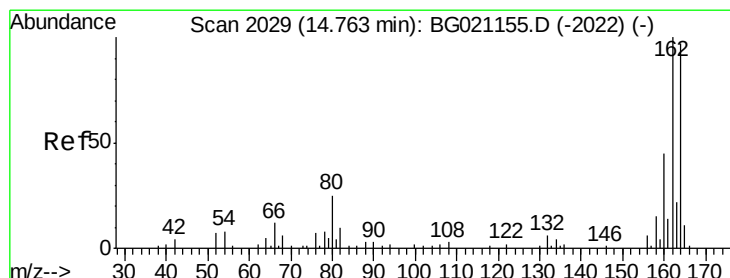
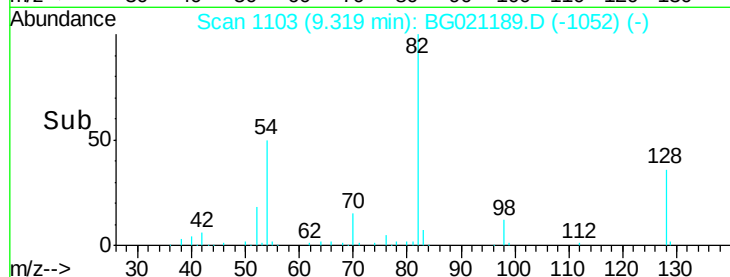
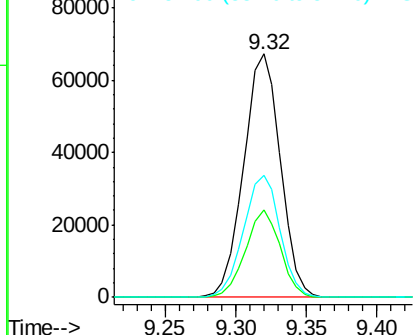
#23
 Nitrobenzene-d5
 Concen: 77.38 ng
 RT: 9.32 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: BG021189.D
 Acq: 1 Mar 2016 15:22

Instrument :
 BNA_G
 ClientSampleId :
 SP-4+20(0-2)RE

Tgt Ion: 82 Resp: 122603
 Ion Ratio Lower Upper
 82 100
 128 35.7 36.3 54.5#
 54 50.0 37.6 56.4

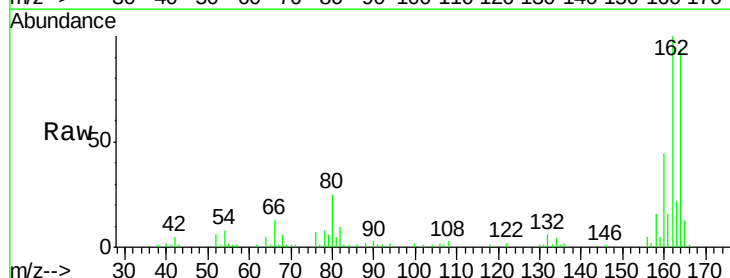


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

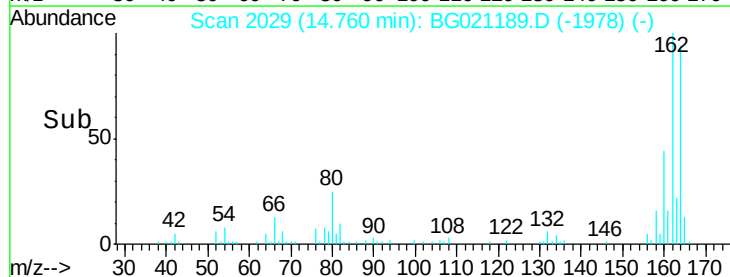
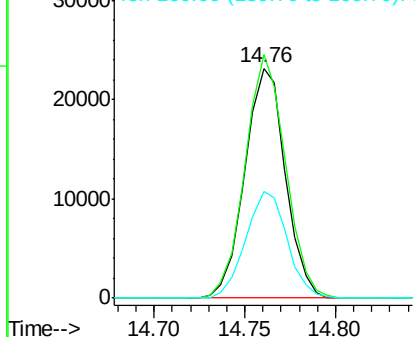


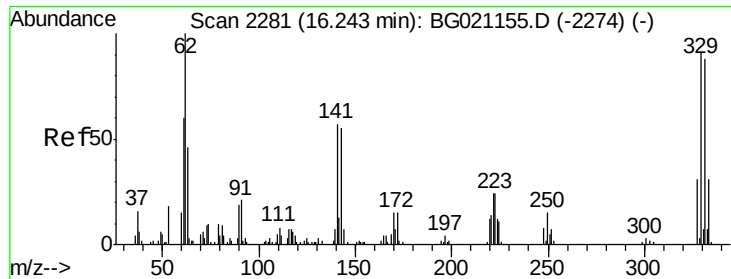
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.76 min Scan# 2029
 Delta R.T. -0.00 min
 Lab File: BG021189.D
 Acq: 1 Mar 2016 15:22

Tgt Ion: 164 Resp: 36019
 Ion Ratio Lower Upper
 164 100
 162 105.9 80.6 120.8
 160 46.4 36.5 54.7



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

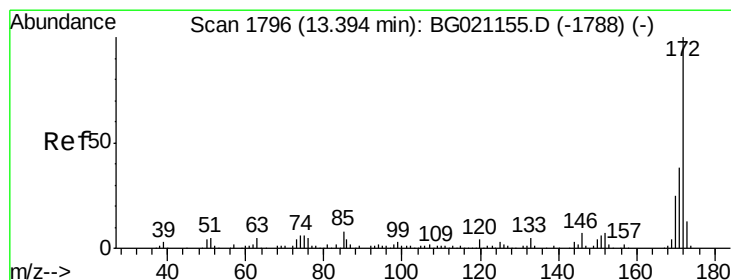
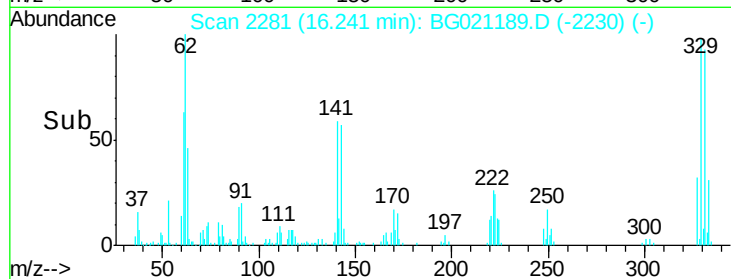
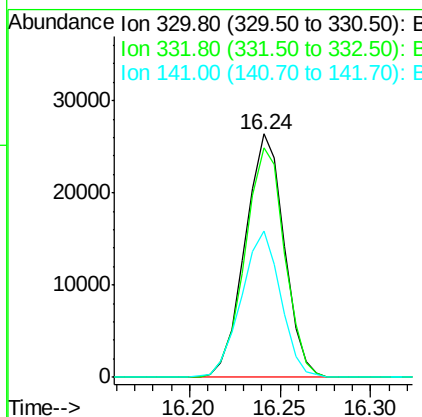
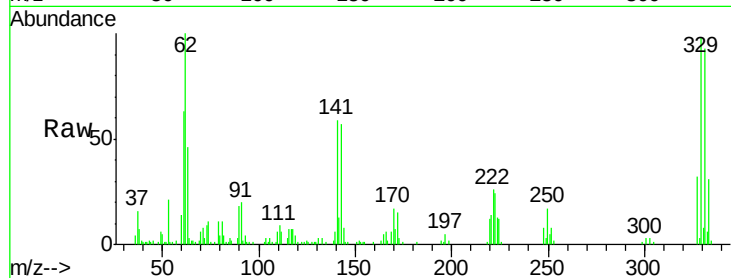




#41
 2,4,6-Tribromophenol
 Concen: 105.43 ng
 RT: 16.24 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BG021189.D
 Acq: 1 Mar 2016 15:22

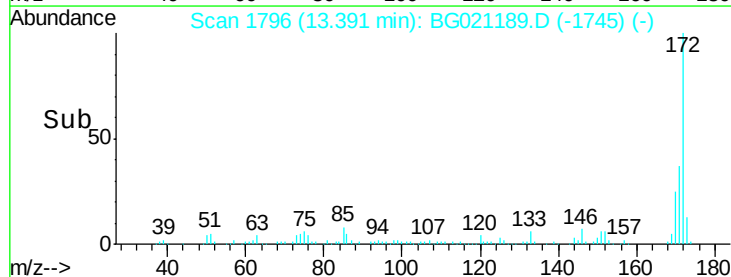
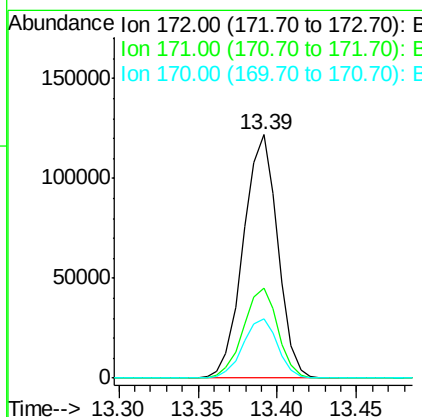
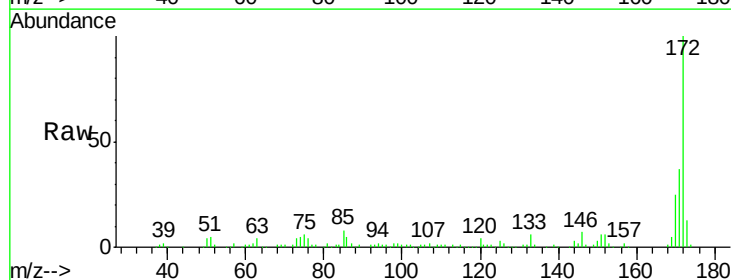
Instrument :
 BNA_G
 ClientSampleId :
 SP-4+20(0-2)RE

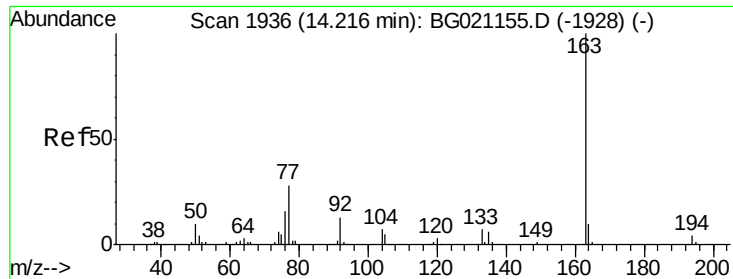
Tgt Ion:330 Resp: 39511
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.4 116.0
 141 60.6 35.3 52.9#



#44
 2-Fluorobiphenyl
 Concen: 72.24 ng
 RT: 13.39 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: BG021189.D
 Acq: 1 Mar 2016 15:22

Tgt Ion:172 Resp: 183241
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.4 44.0
 170 24.5 19.8 29.8





#49

Dimethylphthalate

Concen: 14.17 ng

RT: 14.20 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BG021189.D

Acq: 1 Mar 2016 15:22

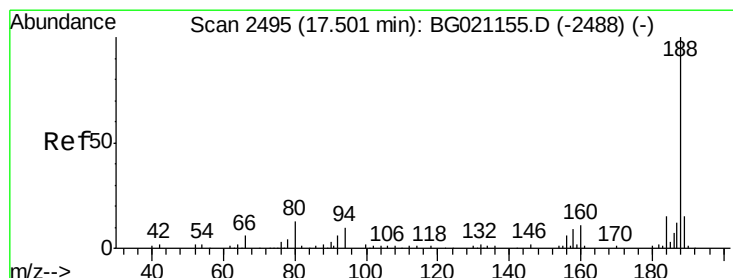
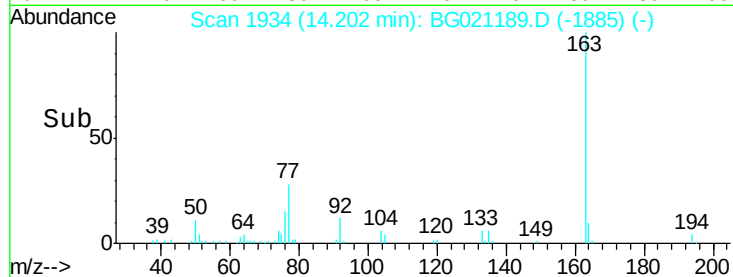
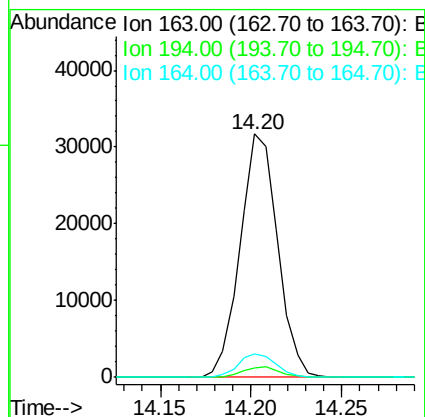
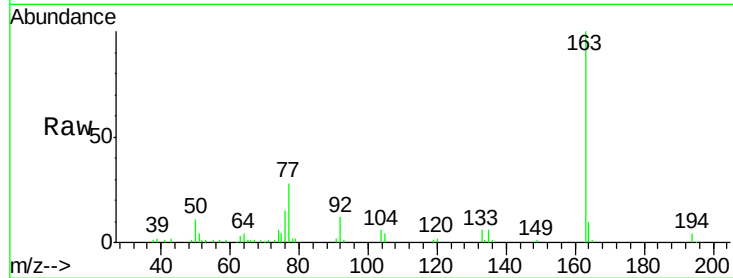
Instrument :

BNA_G

ClientSampleId :

SP-4+20(0-2)RE

Tgt Ion:163	Resp:	45487
Ion Ratio	Lower	Upper
163	100	
194	4.1	2.8 4.2
164	9.7	7.9 11.9



#63

Phenanthrene-d10

Concen: 20.00 ng

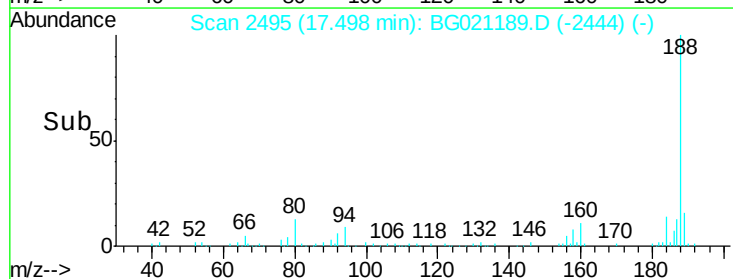
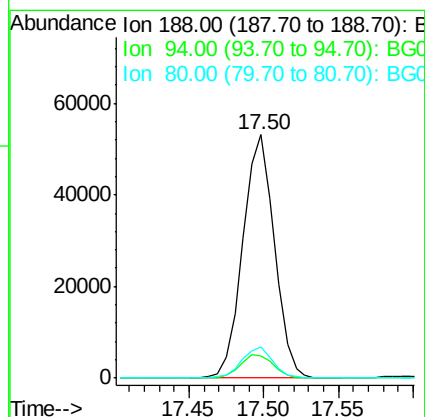
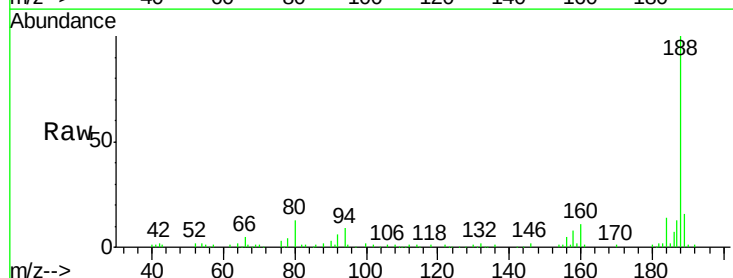
RT: 17.50 min Scan# 2495

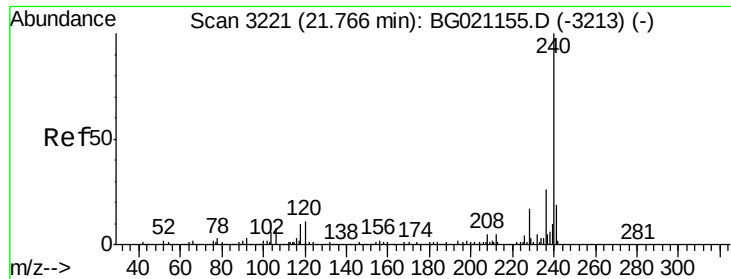
Delta R.T. -0.00 min

Lab File: BG021189.D

Acq: 1 Mar 2016 15:22

Tgt Ion:188	Resp:	77616
Ion Ratio	Lower	Upper
188	100	
94	8.9	8.2 12.4
80	12.7	9.2 13.8

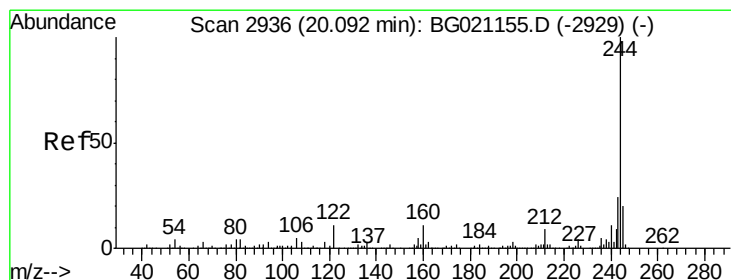
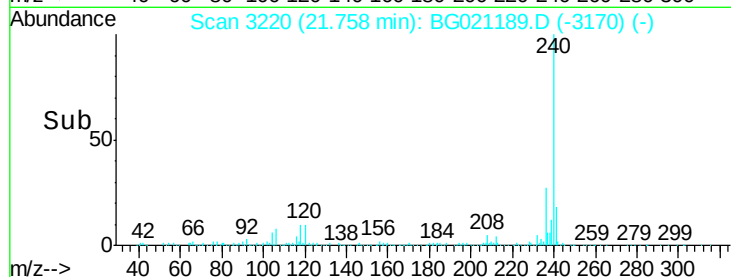
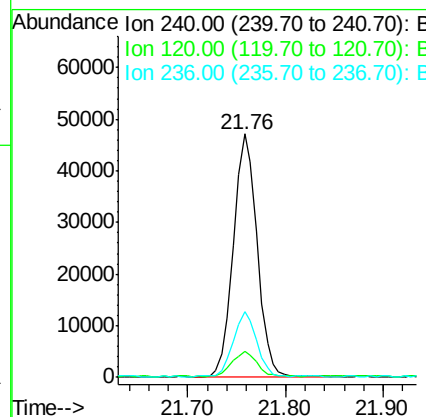
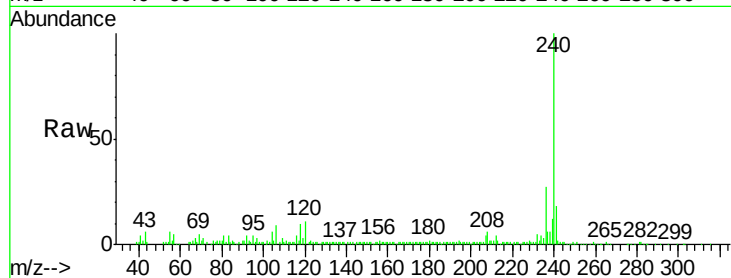




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3220
Delta R.T. -0.01 min
Lab File: BG021189.D
Acq: 1 Mar 2016 15:22

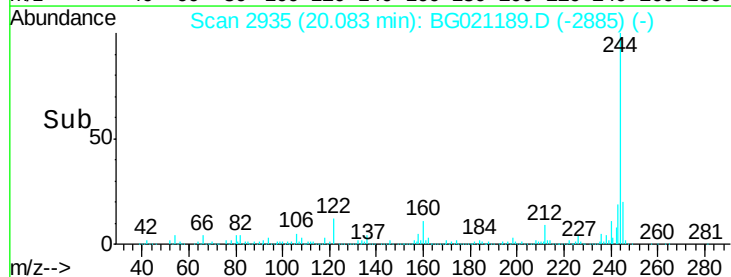
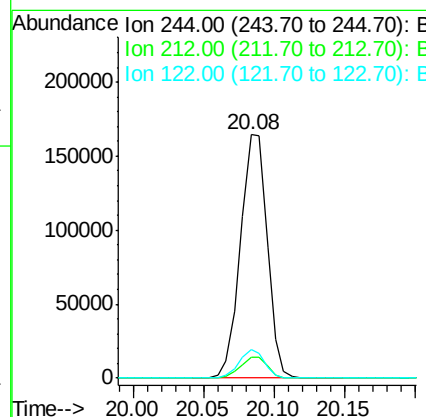
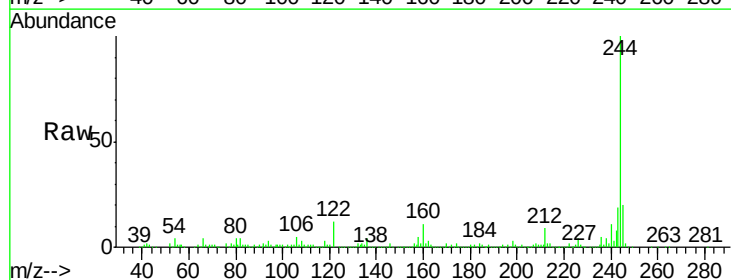
Instrument :
BNA_G
ClientSampleId :
SP-4+20(0-2)RE

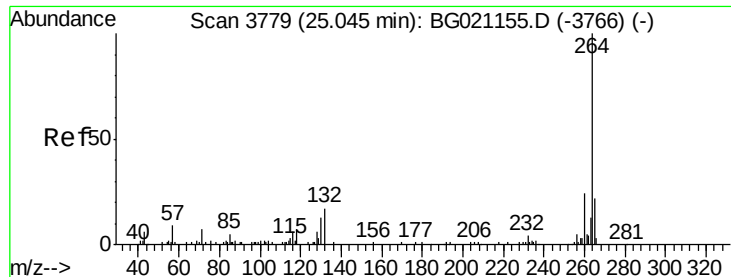
Tgt Ion:240 Resp: 80360
Ion Ratio Lower Upper
240 100
120 10.8 7.5 11.3
236 27.0 20.5 30.7



#78
Terphenyl-d14
Concen: 65.87 ng
RT: 20.08 min Scan# 2935
Delta R.T. -0.01 min
Lab File: BG021189.D
Acq: 1 Mar 2016 15:22

Tgt Ion:244 Resp: 218504
Ion Ratio Lower Upper
244 100
212 8.6 5.8 8.6
122 11.6 8.3 12.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.04 min Scan# 3778
Delta R.T. -0.01 min
Lab File: BG021189.D
Acq: 1 Mar 2016 15:22

Instrument :
BNA_G
ClientSampleId :
SP-4+20(0-2)RE

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.5	27.7
265	20.9	18.6	28.0

