

Data Path : S:\HPCHEM1\BNA_G\Data\BG022916\
 Data File : BG021188.D
 Acq On : 1 Mar 2016 14:42
 Operator : UM/SJ
 Sample : H1521-13RE
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

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

Quant Time: Mar 01 15:42:33 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

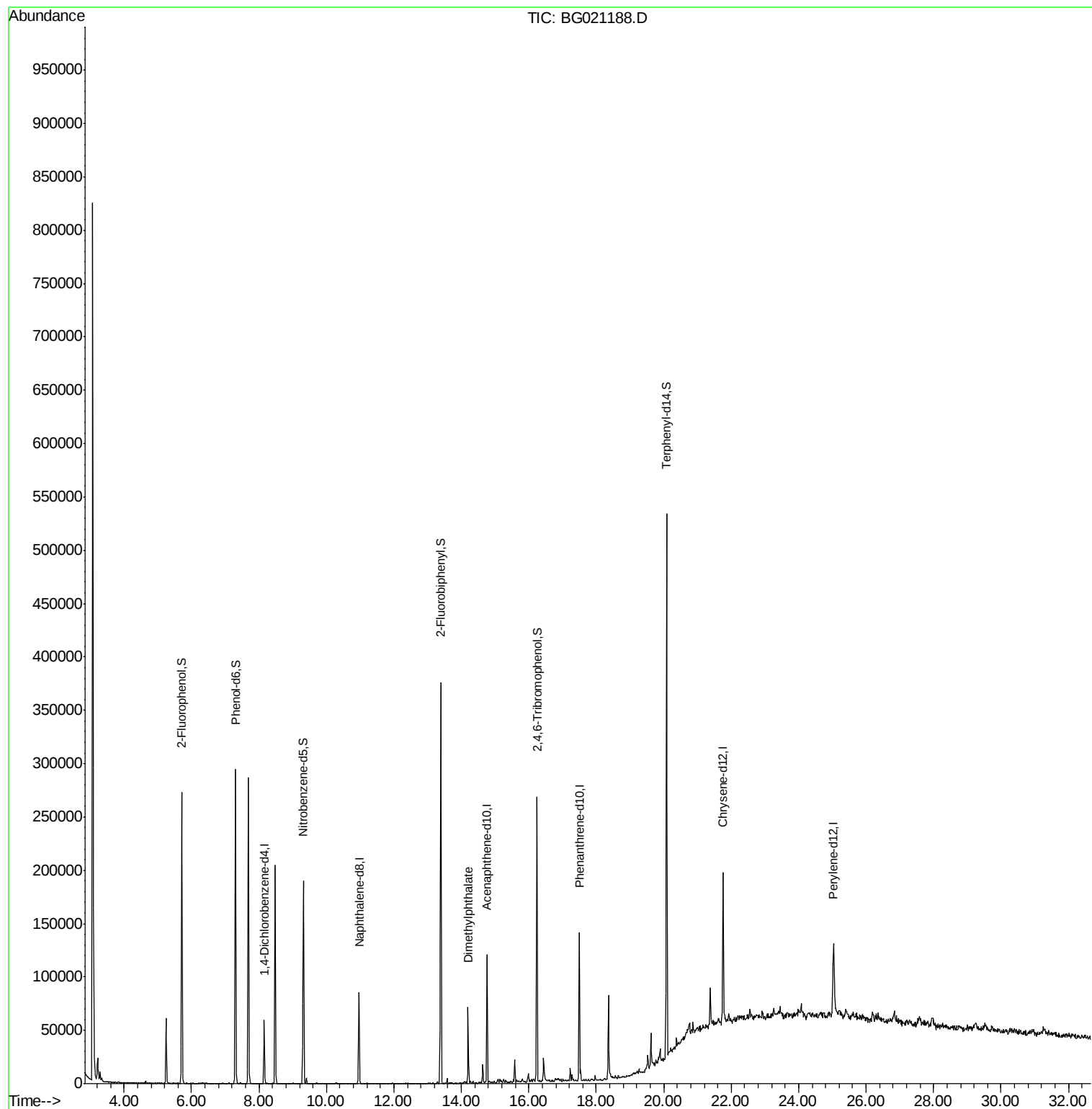
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	15096	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	68445	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	36541	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	77735	20.00	ng	0.00
75) Chrysene-d12	21.76	240	81775	20.00	ng	0.00
86) Perylene-d12	25.04	264	65475	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	108521	114.28	ng	0.00
7) Phenol-d6	7.30	99	163539	104.74	ng	0.00
23) Nitrobenzene-d5	9.32	82	121390	75.05	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	34657	91.16	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	179210	69.64	ng	0.00
78) Terphenyl-d14	20.08	244	200390	59.37	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.20	163	38918	11.95	ng	Qvalue 99

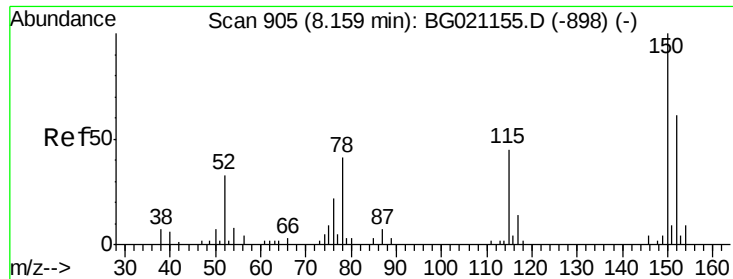
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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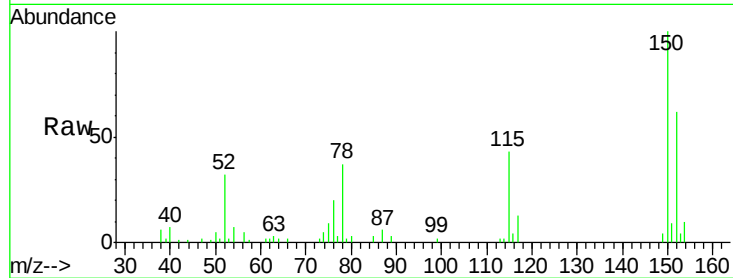


#1

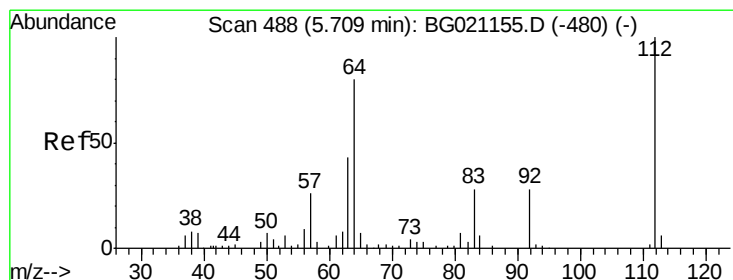
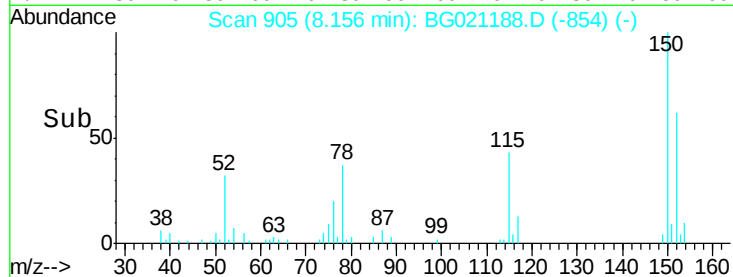
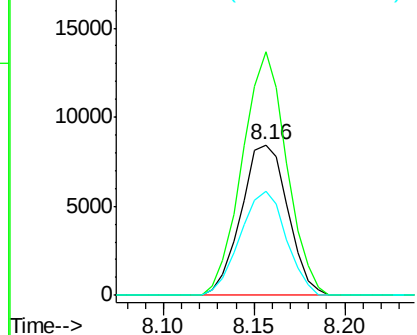
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 905
Delta R.T. -0.00 min
Lab File: BG021188.D
Acq: 1 Mar 2016 14:42

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

Tgt Ion:152 Resp: 15096
Ion Ratio Lower Upper
152 100
150 162.0 123.4 185.2
115 69.6 43.3 64.9#



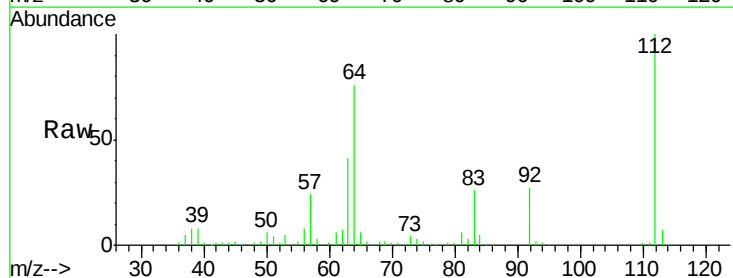
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



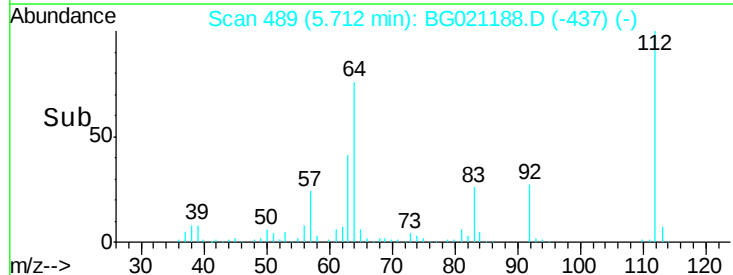
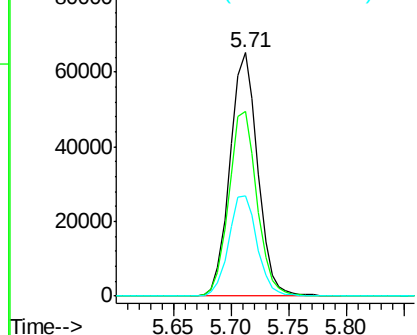
#5

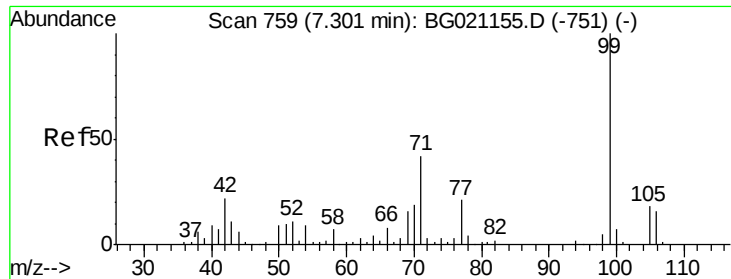
2-Fluorophenol
Concen: 114.28 ng
RT: 5.71 min Scan# 489
Delta R.T. 0.00 min
Lab File: BG021188.D
Acq: 1 Mar 2016 14:42

Tgt Ion:112 Resp: 108521
Ion Ratio Lower Upper
112 100
64 75.9 42.6 63.8#
63 41.1 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: 104.74 ng

RT: 7.30 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG021188.D

Acq: 1 Mar 2016 14:42

Instrument :

BNA_G

ClientSampleId :

SP-4(0-2)RE

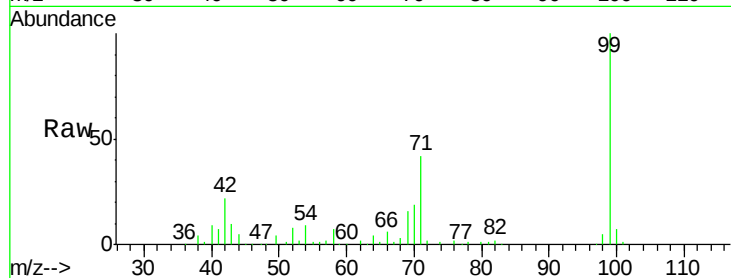
Tgt Ion: 99 Resp: 163539

Ion Ratio Lower Upper

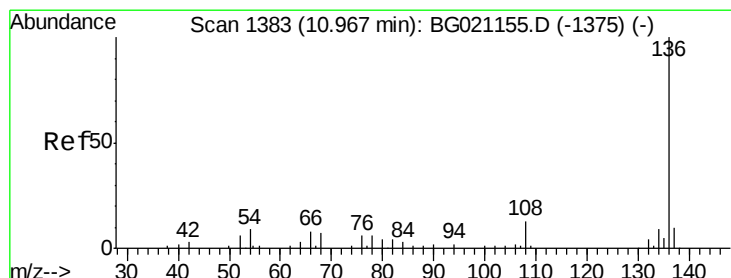
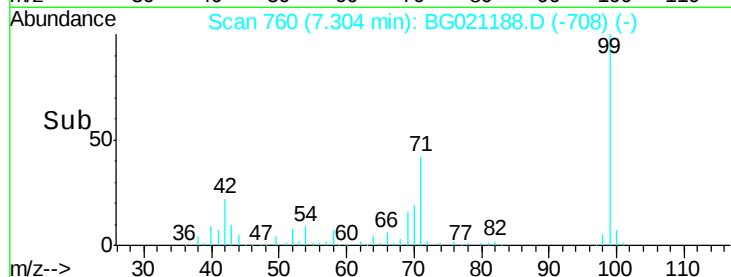
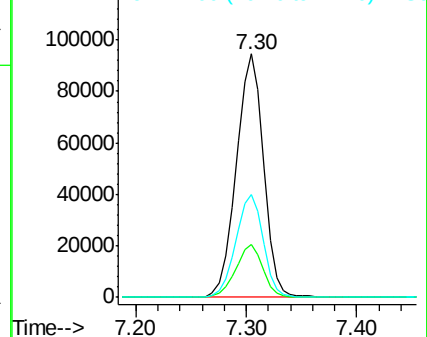
99 100

42 21.7 13.2 19.8#

71 42.0 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: BG021188.D

Acq: 1 Mar 2016 14:42

Tgt Ion: 136 Resp: 68445

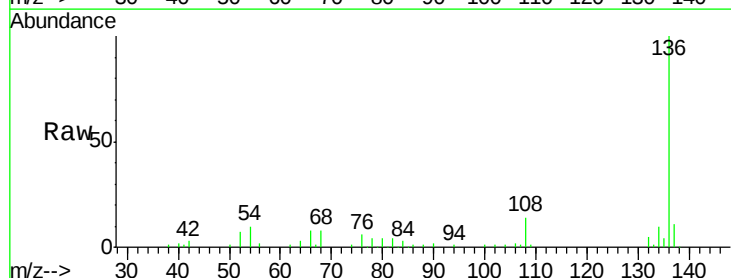
Ion Ratio Lower Upper

136 100

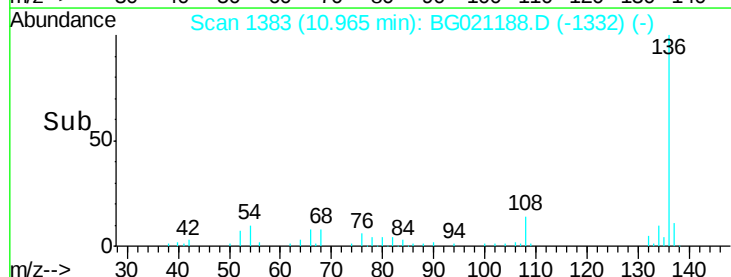
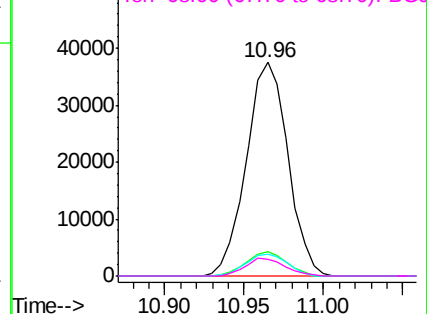
137 11.2 8.8 13.2

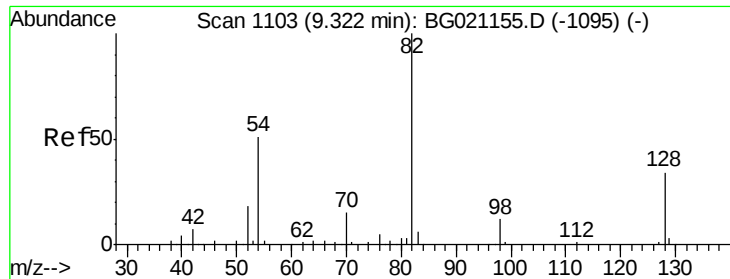
54 10.5 6.9 10.3#

68 7.7 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

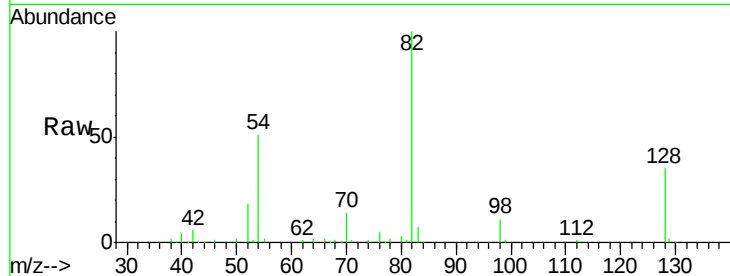




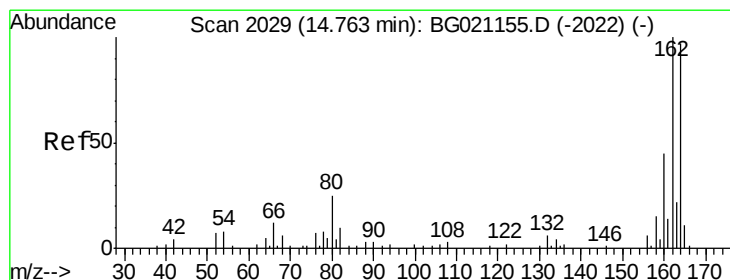
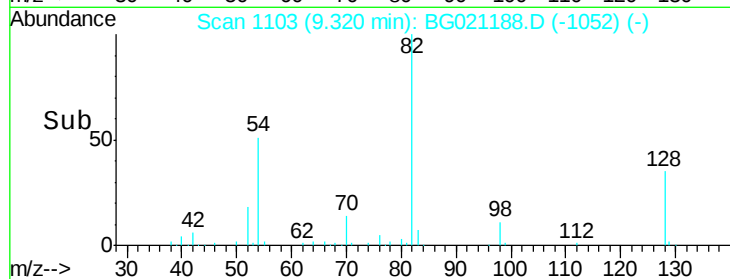
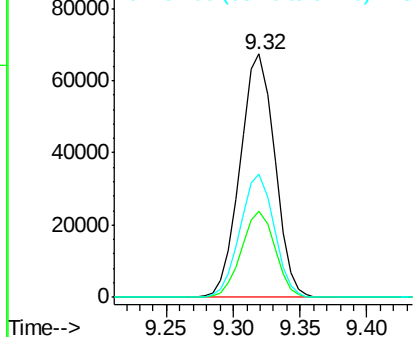
#23
Nitrobenzene-d5
Concen: 75.05 ng
RT: 9.32 min Scan# 1103
Delta R.T. -0.00 min
Lab File: BG021188.D
Acq: 1 Mar 2016 14:42

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

Tgt Ion: 82 Resp: 121390
Ion Ratio Lower Upper
82 100
128 35.3 36.3 54.5#
54 50.6 37.6 56.4

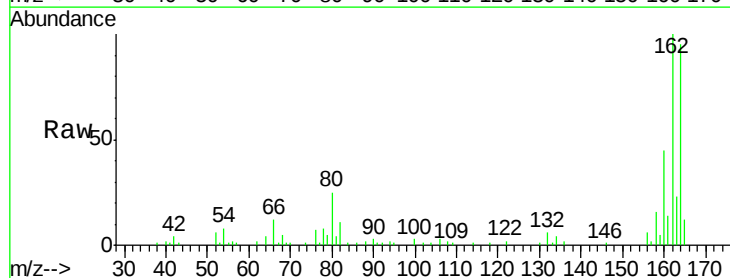


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

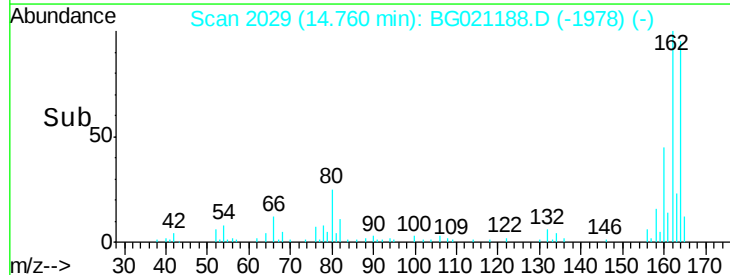
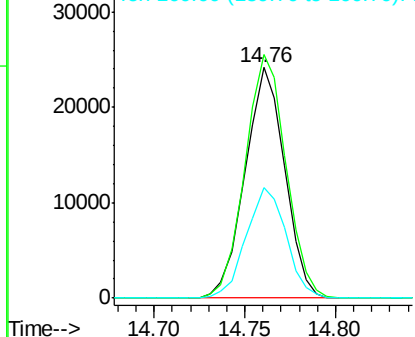


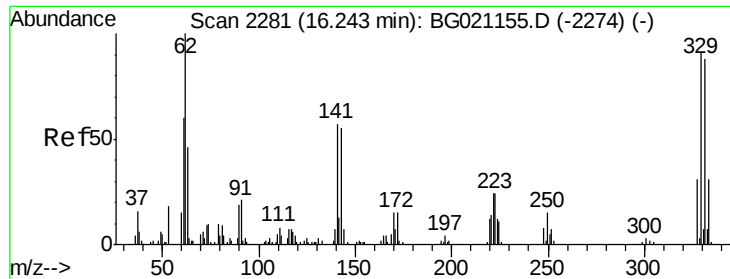
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.76 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BG021188.D
Acq: 1 Mar 2016 14:42

Tgt Ion: 164 Resp: 36541
Ion Ratio Lower Upper
164 100
162 105.7 80.6 120.8
160 47.9 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

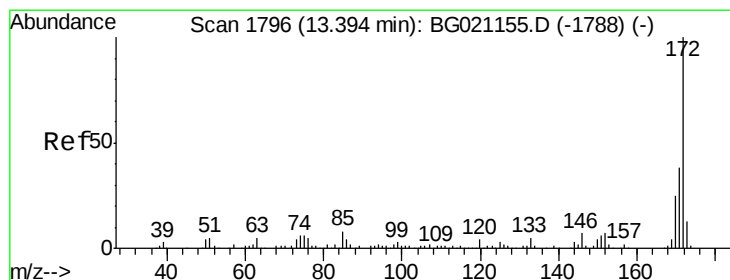
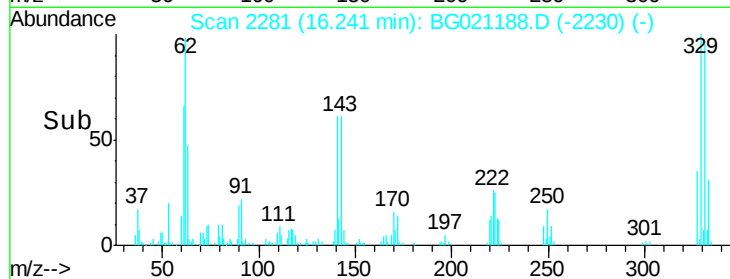
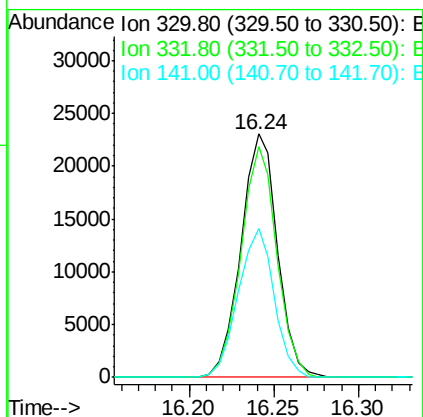
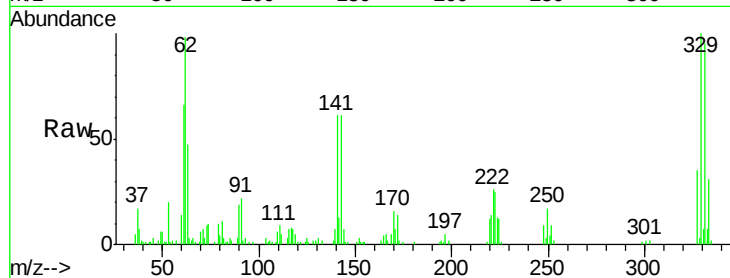




#41
 2,4,6-Tribromophenol
 Concen: 91.16 ng
 RT: 16.24 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BG021188.D
 Acq: 1 Mar 2016 14:42

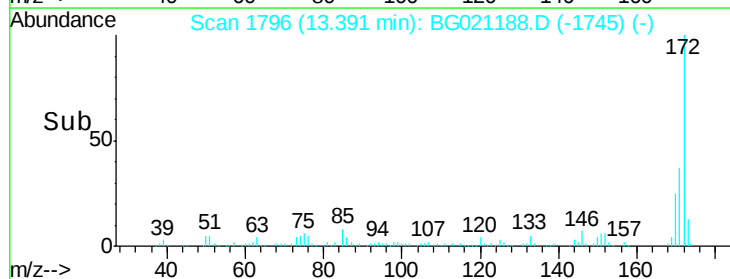
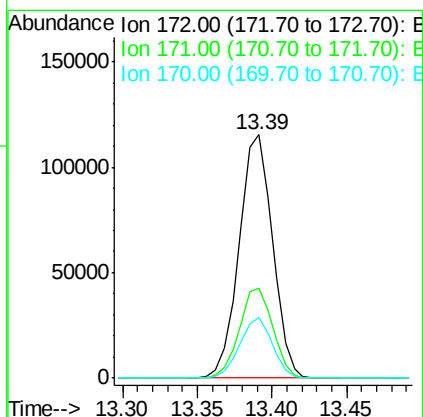
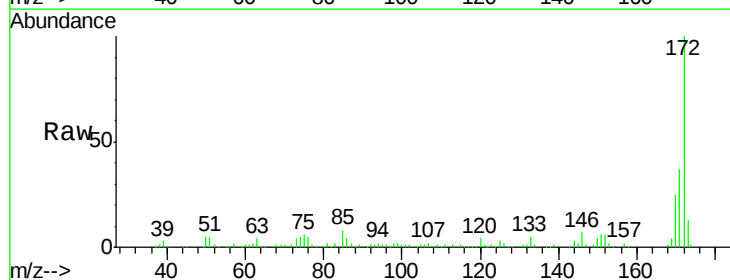
Instrument :
 BNA_G
 ClientSampleId :
 SP-4(0-2)RE

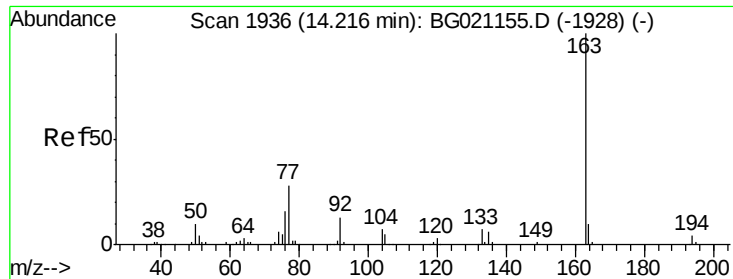
Tgt Ion:330 Resp: 34657
 Ion Ratio Lower Upper
 330 100
 332 93.1 77.4 116.0
 141 60.1 35.3 52.9#



#44
 2-Fluorobiphenyl
 Concen: 69.64 ng
 RT: 13.39 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: BG021188.D
 Acq: 1 Mar 2016 14:42

Tgt Ion:172 Resp: 179210
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.4 44.0
 170 25.0 19.8 29.8





#49

Dimethylphthalate

Concen: 11.95 ng

RT: 14.20 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BG021188.D

Acq: 1 Mar 2016 14:42

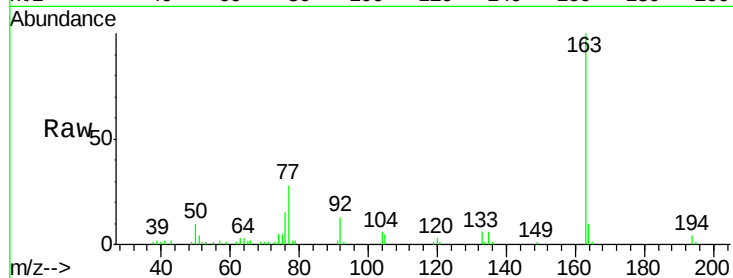
Instrument :

BNA_G

ClientSampleId :

SP-4(0-2)RE

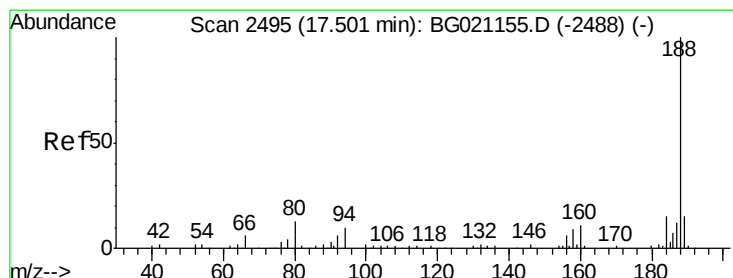
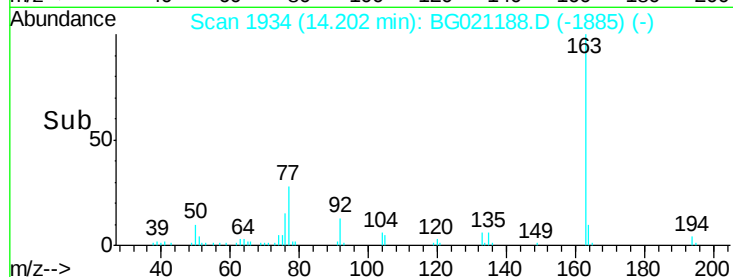
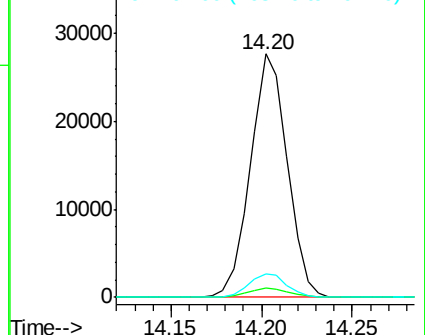
Tgt Ion:	163	Resp:	38918
Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.8	4.2
164	9.7	7.9	11.9



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

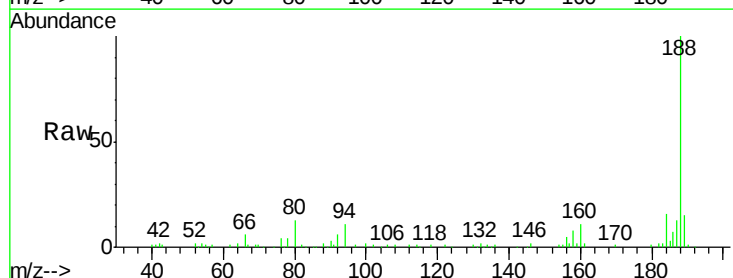
RT: 17.50 min Scan# 2495

Delta R.T. -0.00 min

Lab File: BG021188.D

Acq: 1 Mar 2016 14:42

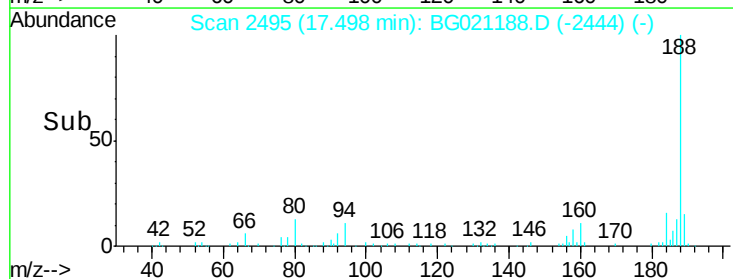
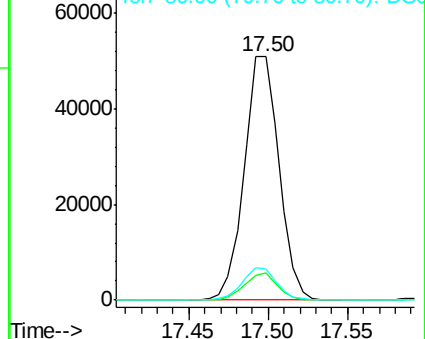
Tgt Ion:	188	Resp:	77735
Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.2	12.4
80	12.8	9.2	13.8

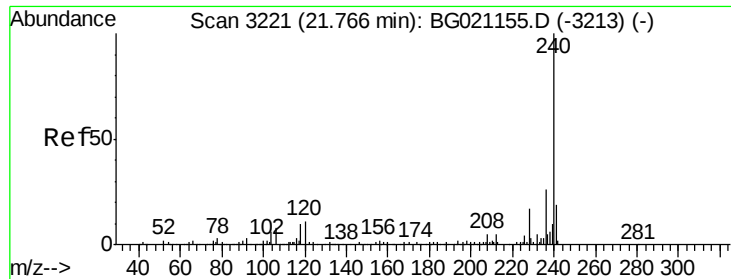


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3220

Delta R.T. -0.01 min

Lab File: BG021188.D

Acq: 1 Mar 2016 14:42

Instrument :

BNA_G

ClientSampleId :

SP-4(0-2)RE

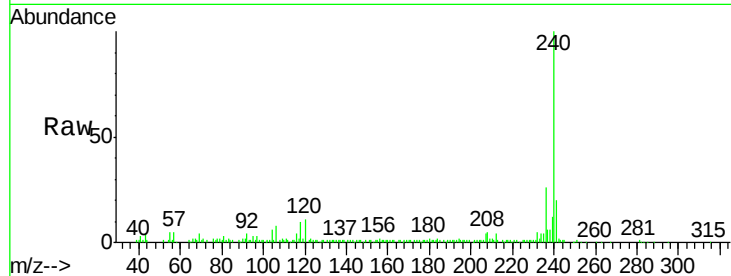
Tgt Ion:240 Resp: 81775

Ion Ratio Lower Upper

240 100

120 10.8 7.5 11.3

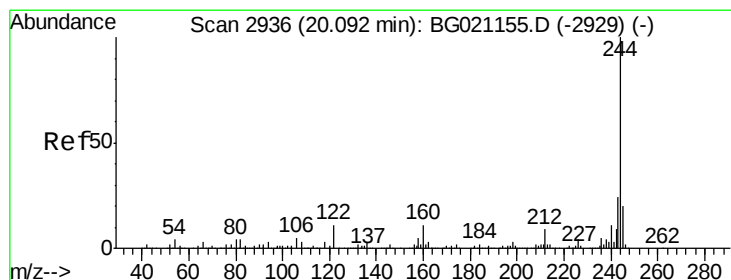
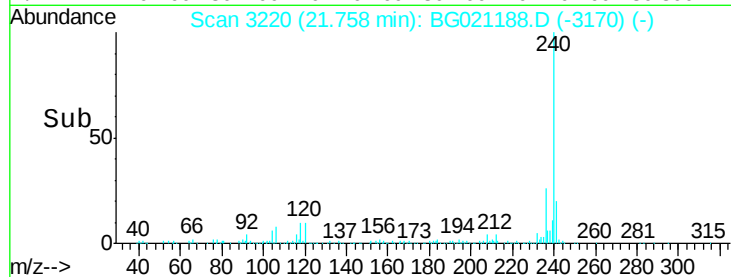
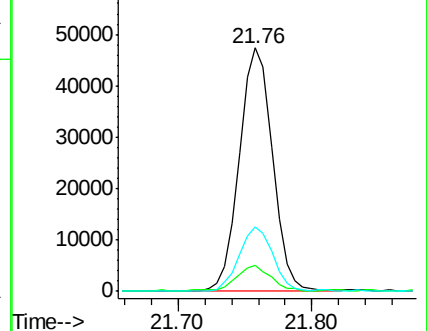
236 26.2 20.5 30.7



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: 59.37 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.01 min

Lab File: BG021188.D

Acq: 1 Mar 2016 14:42

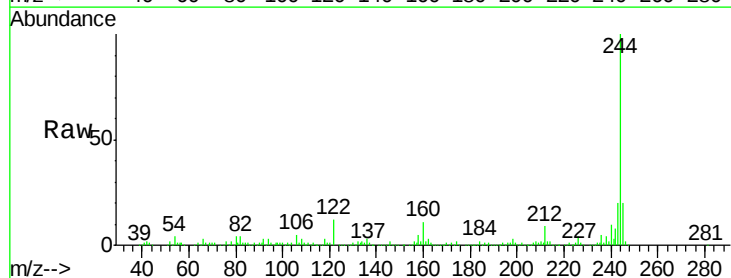
Tgt Ion:244 Resp: 200390

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.6

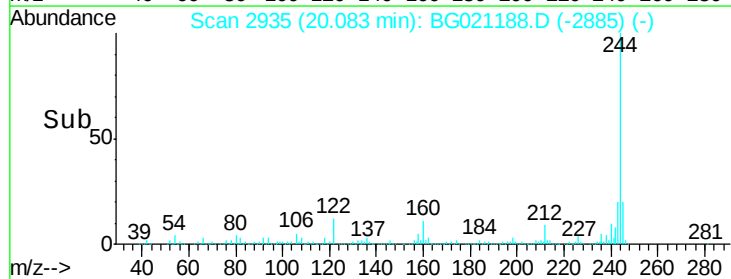
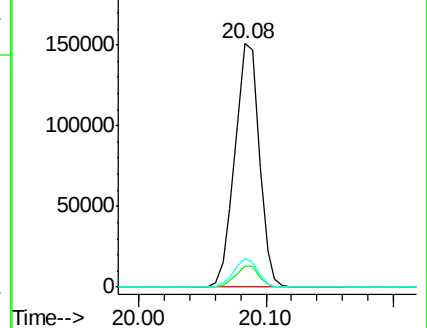
122 11.8 8.3 12.5

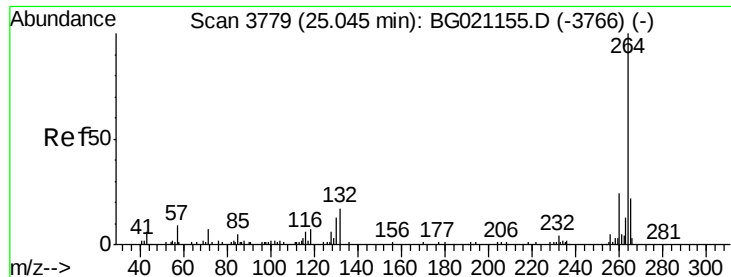


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.04 min Scan# 3778
Delta R.T. -0.01 min
Lab File: BG021188.D
Acq: 1 Mar 2016 14:42

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.5	27.7
265	21.3	18.6	28.0

