

Data Path : Z:\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

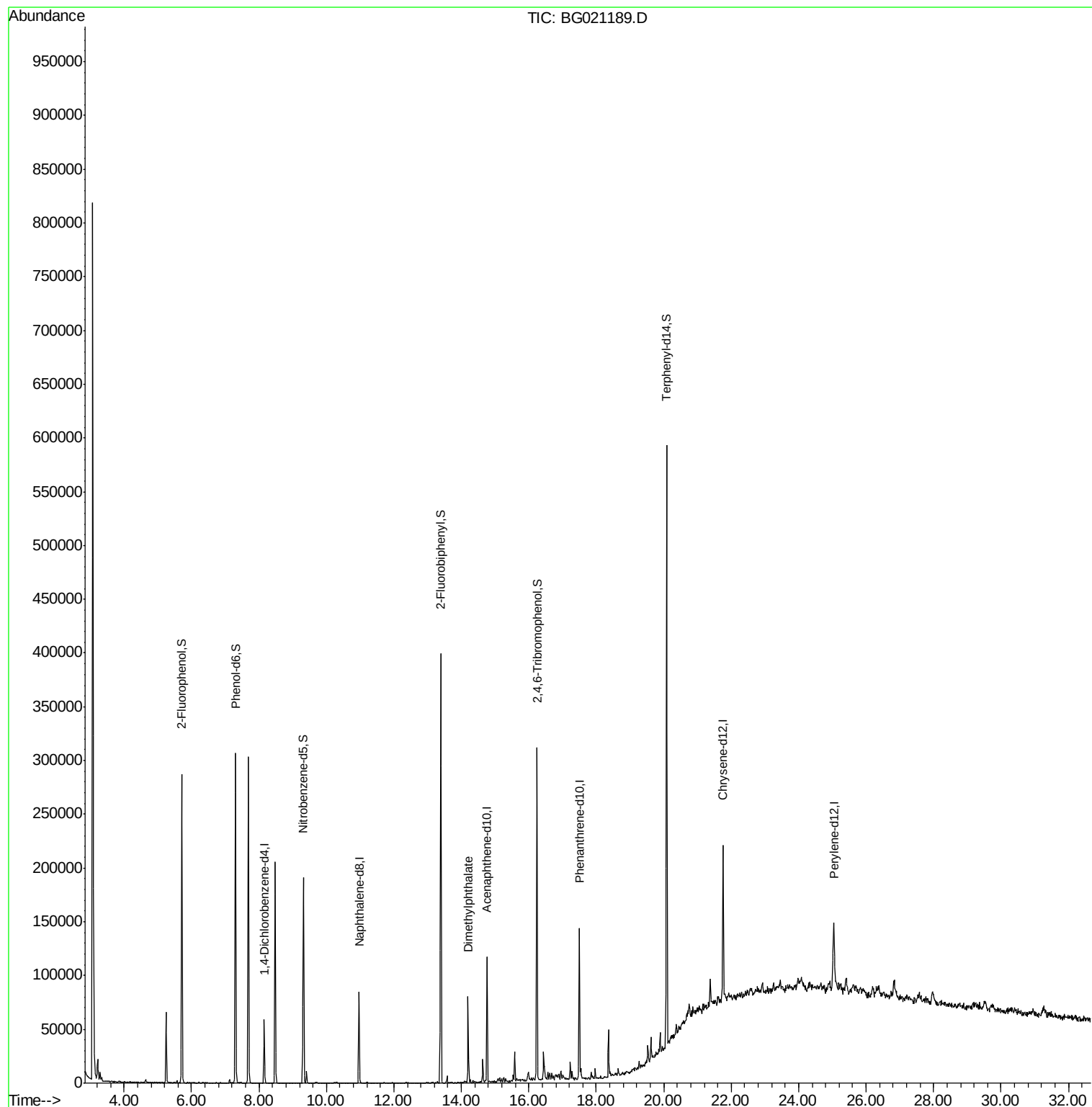
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	14699	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	67042	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	36019	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	77616	20.00	ng	0.00
75) Chrysene-d12	21.76	240	80360	20.00	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

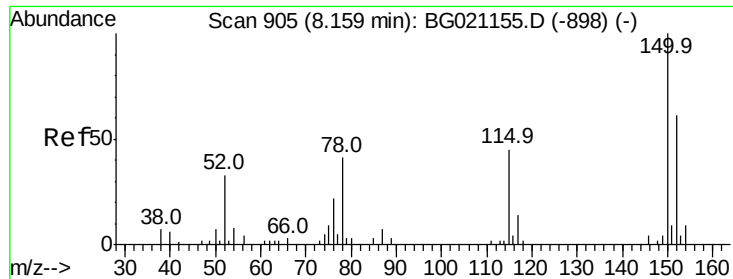
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Feb 29 17:40:25 2016
Response via : Initial Calibration





#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

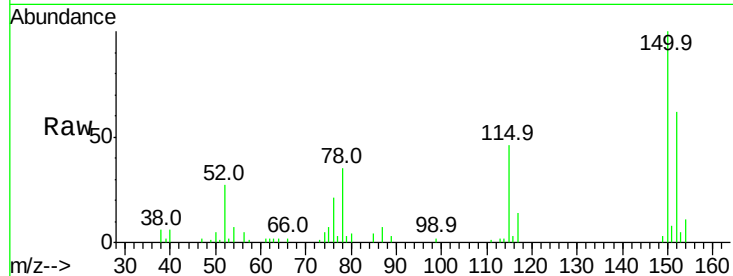
Tot Ion:152 Resp: 14699

Ion Ratio Lower Upper

152 100

150 160.1 123.4 185.2

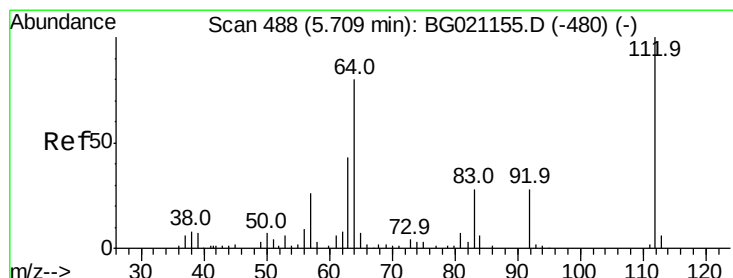
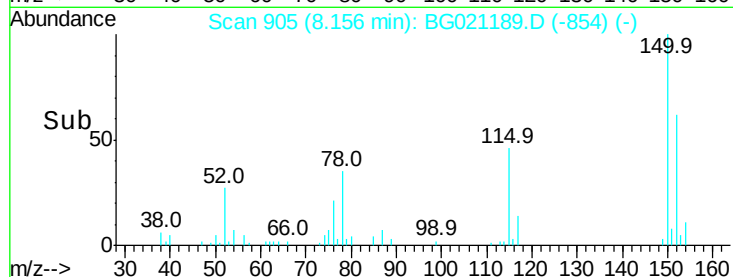
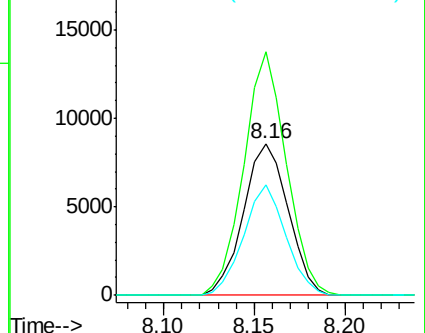
115 73.0 43.3 64.9#



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

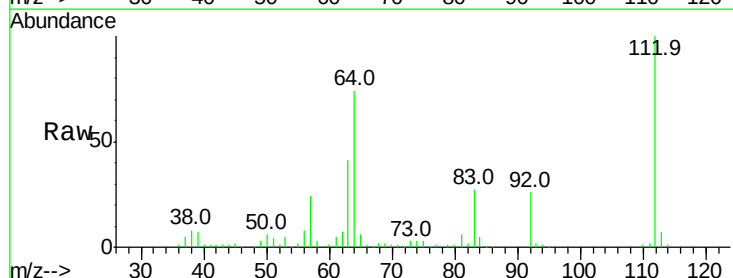
Tgt Ion:112 Resp: 112697

Ion Ratio Lower Upper

112 100

64 73.5 42.6 63.8#

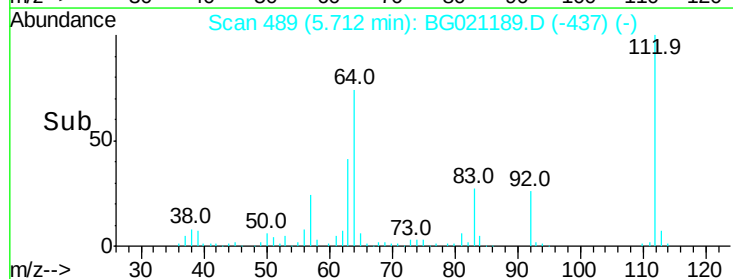
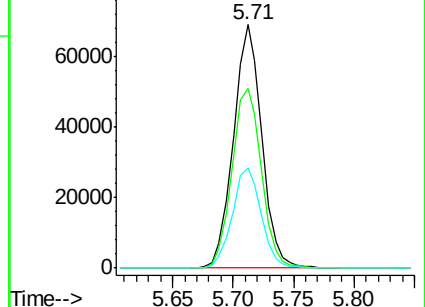
63 41.2 21.7 32.5#

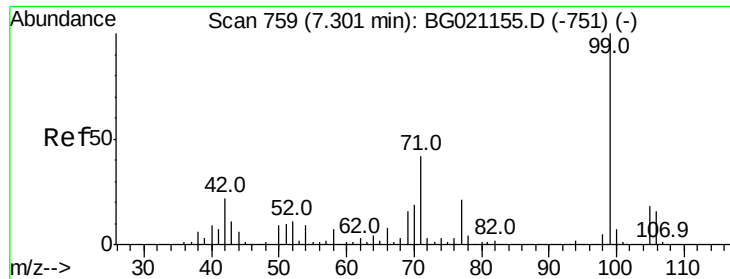


Abundance Ion 112.00 (111.70 to 112.70): E

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

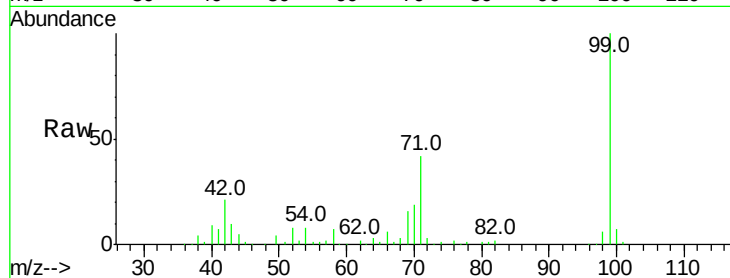
Tot Ion: 99 Resp: 170483

Ion Ratio Lower Upper

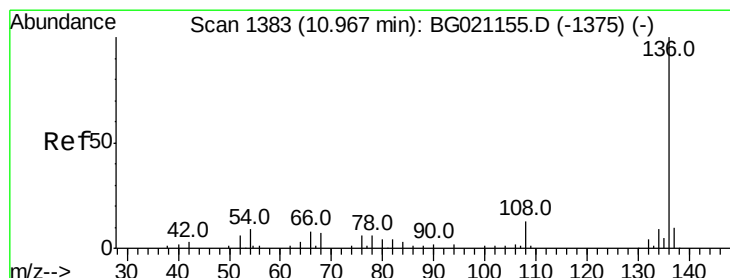
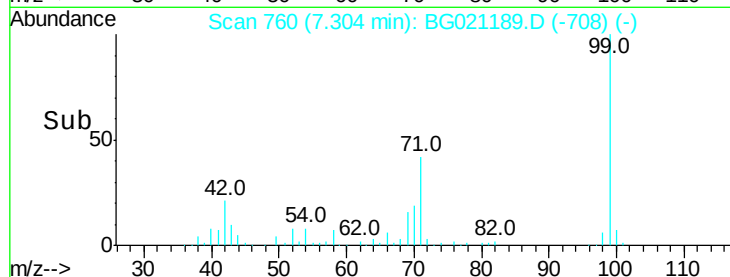
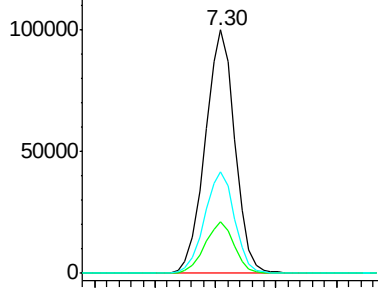
99 100

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

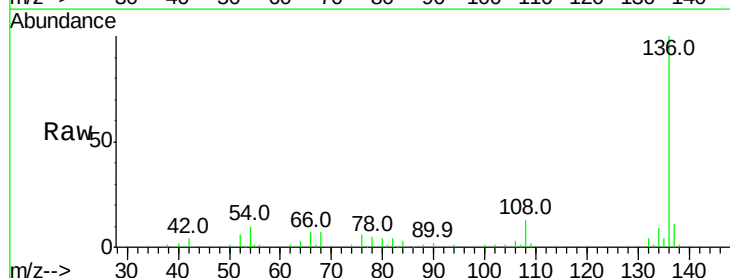
Ion Ratio Lower Upper

136 100

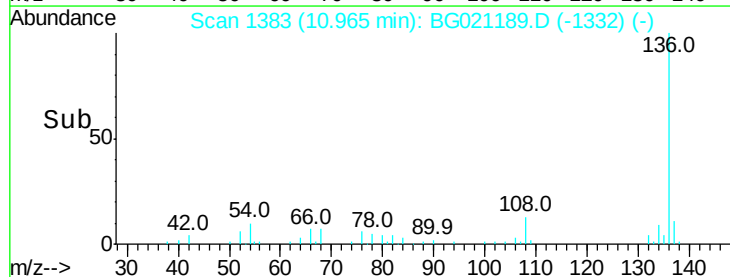
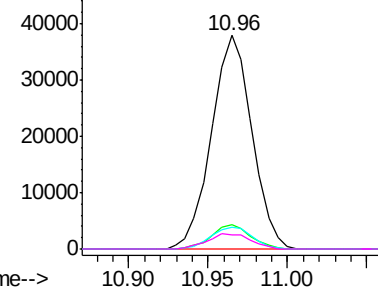
137 11.2 8.8 13.2

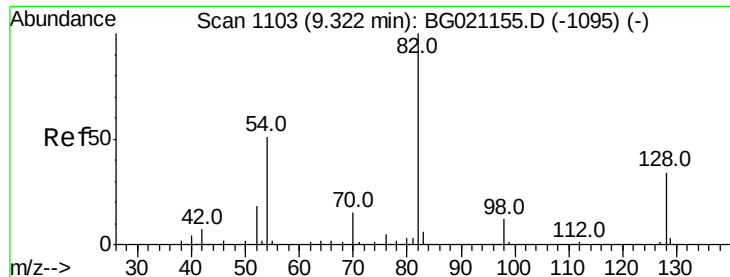
54 10.0 6.9 10.3

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

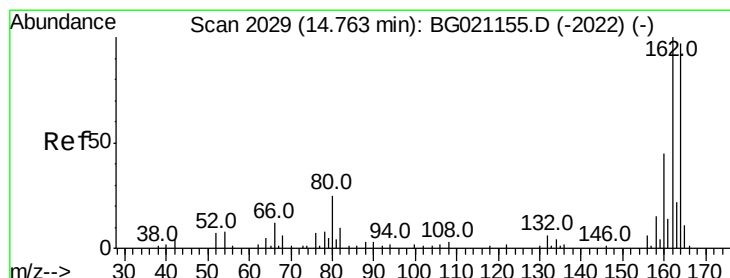
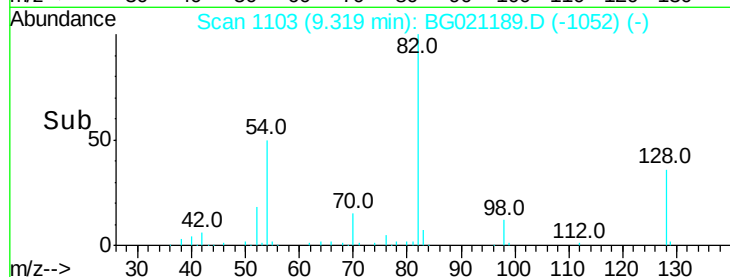
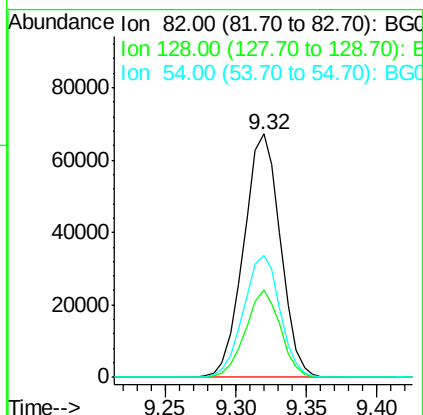
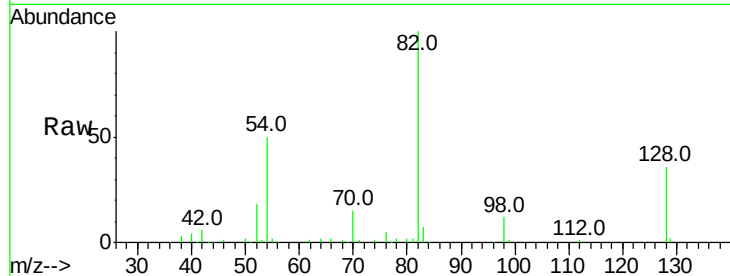




#23
 Nitrobenzene-d5
 Concen: 77.38 ng
 RT: 9.32 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: BG021189.D
 Acq: 1 Mar 2016 15:22

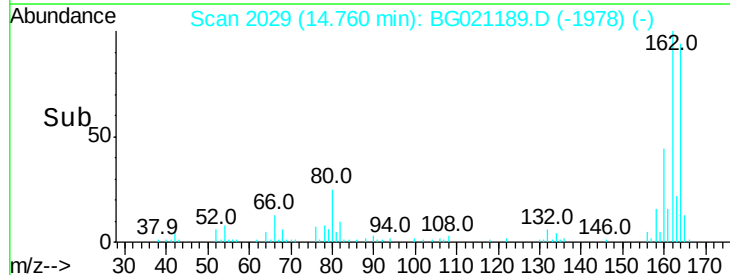
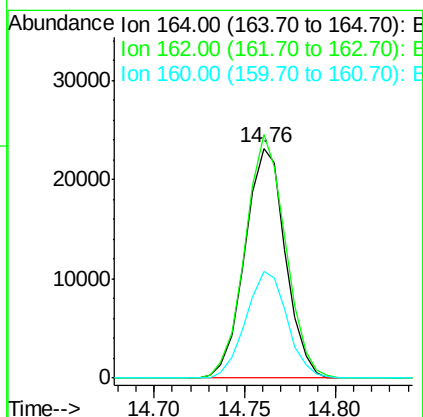
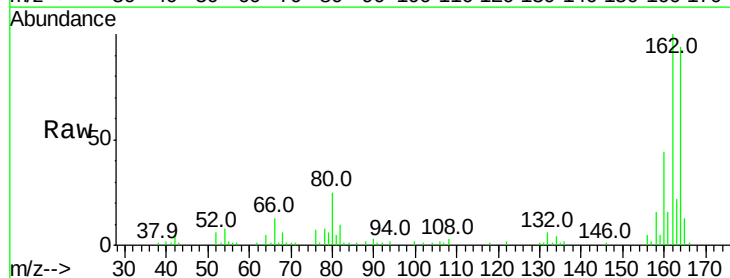
Instrument :
 BNA_G
 ClientSampleId :
 SP-4+20(0-2)RE

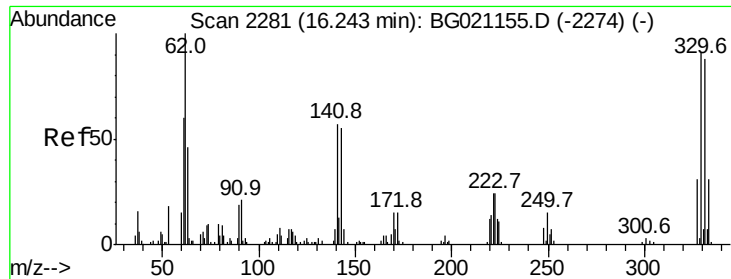
Tot Ion: 82 Resp: 122603
 Ion Ratio Lower Upper
 82 100
 128 35.7 36.3 54.5#
 54 50.0 37.6 56.4



#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





#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

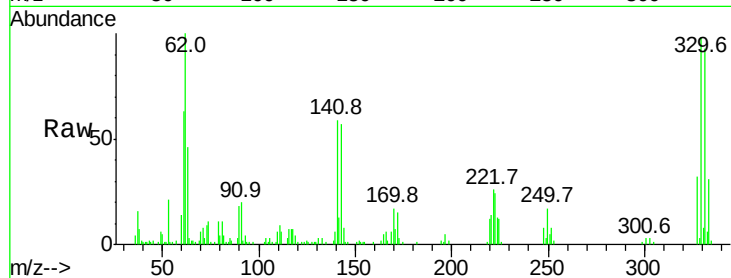
Tot Ion:330 Resp: 39511

Ion Ratio Lower Upper

330 100

332 95.6 77.4 116.0

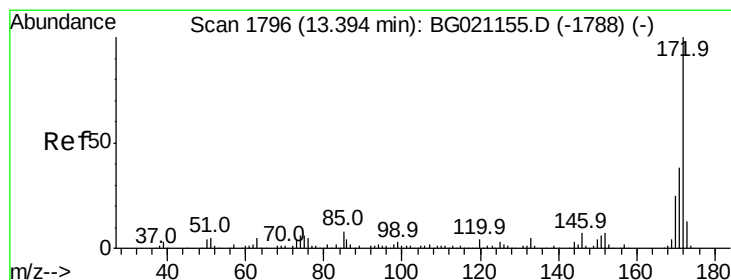
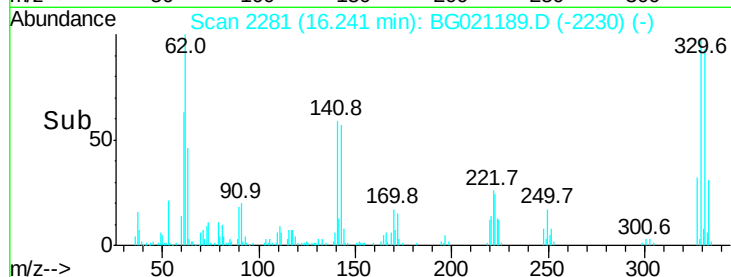
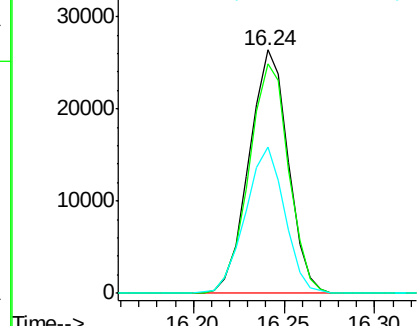
141 60.6 35.3 52.9#



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: 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

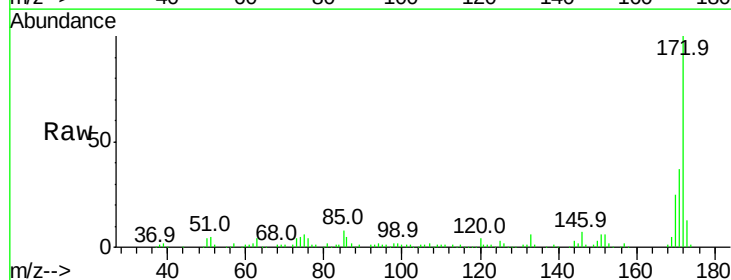
Tgt Ion:172 Resp: 183241

Ion Ratio Lower Upper

172 100

171 36.8 29.4 44.0

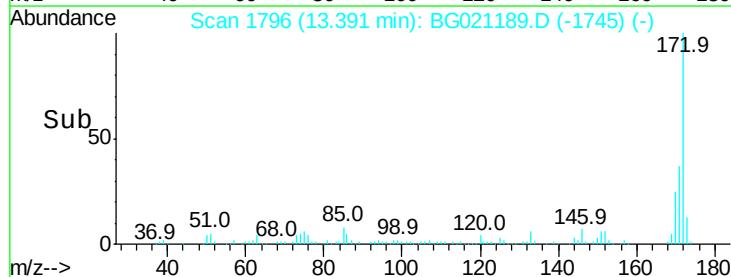
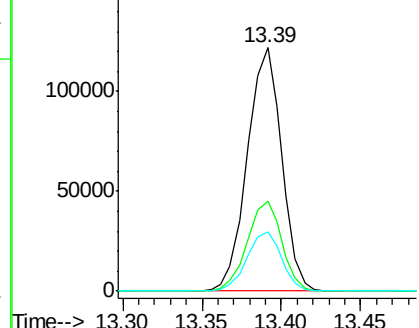
170 24.5 19.8 29.8

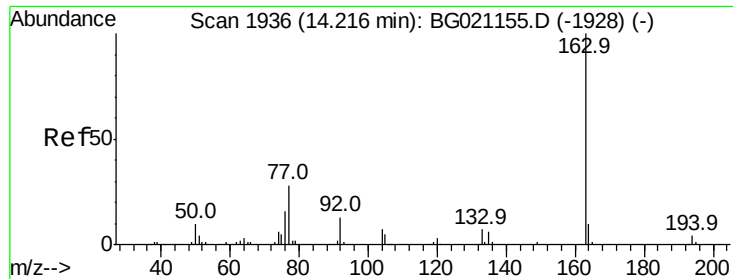


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

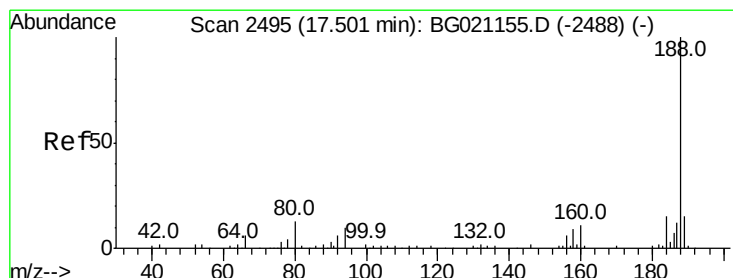
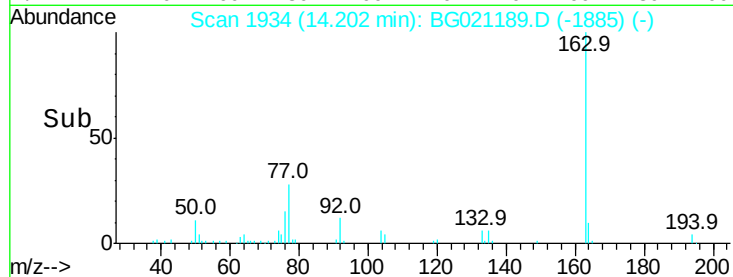
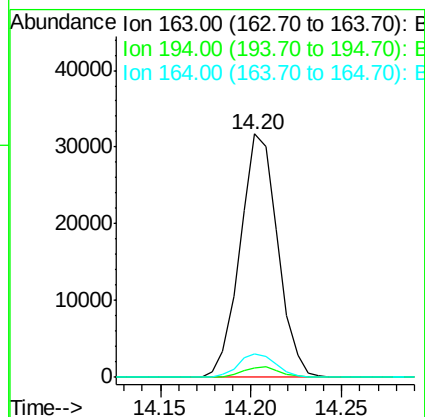
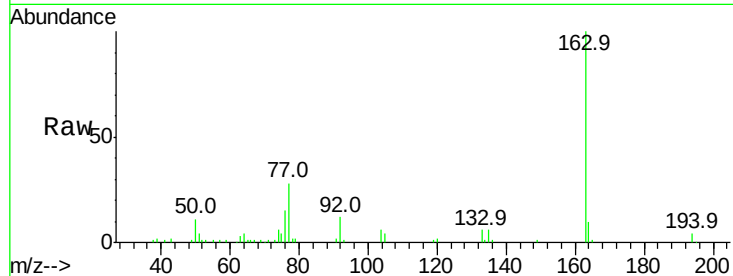




#49
Dimethylphthalate
Concen: 14.17 ng
RT: 14.20 min Scan# 1934
Delta R.T. -0.01 min
Lab File: BG021189.D
Acq: 1 Mar 2016 15:22

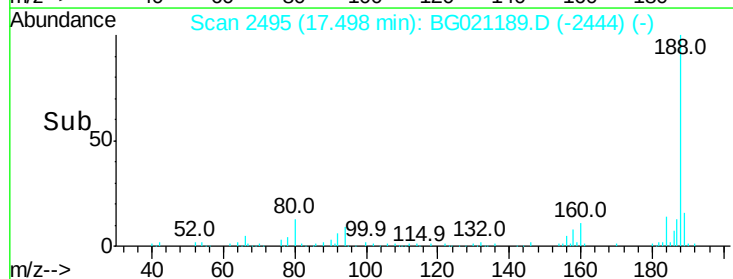
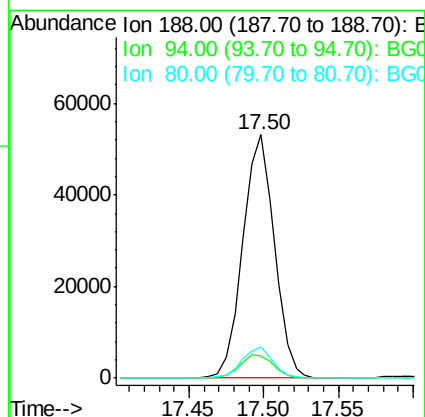
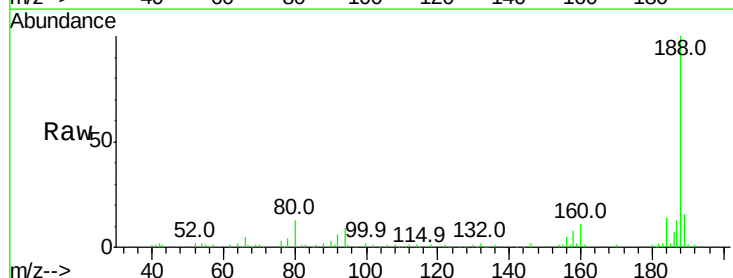
Instrument :
BNA_G
ClientSampleId :
SP-4+20(0-2)RE

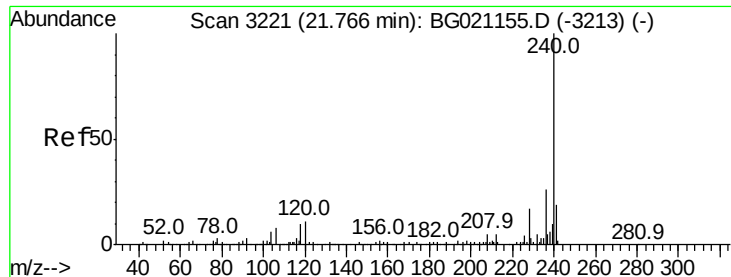
Tot Ion:163 Resp: 45487
Ion Ratio Lower Upper
163 100
194 4.1 2.8 4.2
164 9.7 7.9 11.9



#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

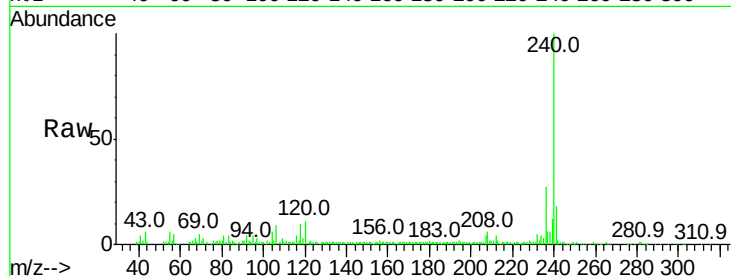
Tot Ion:240 Resp: 80360

Ion Ratio Lower Upper

240 100

120 10.8 7.5 11.3

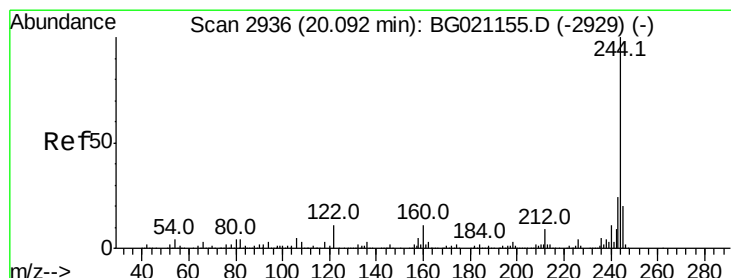
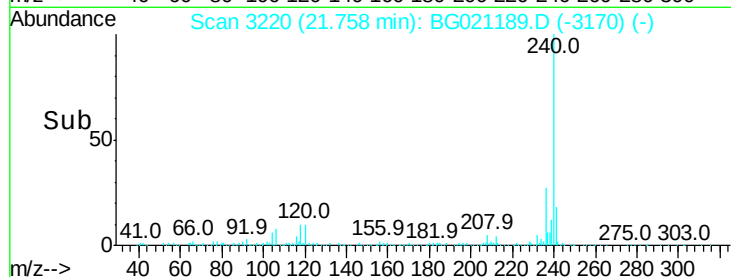
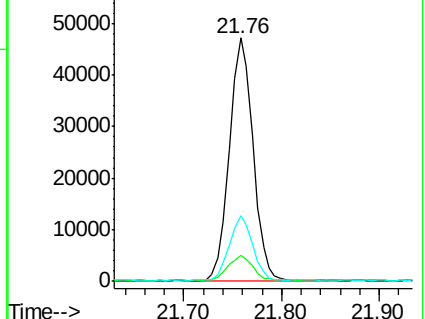
236 27.0 20.5 30.7



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: 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

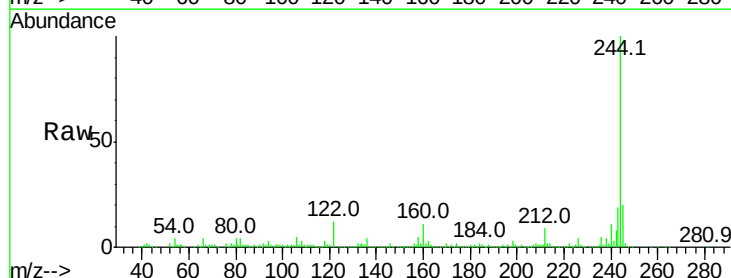
Tgt Ion:244 Resp: 218504

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.6

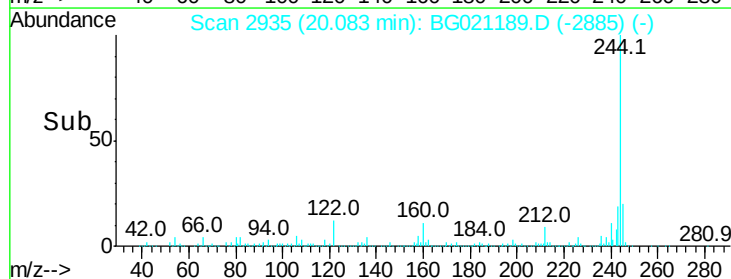
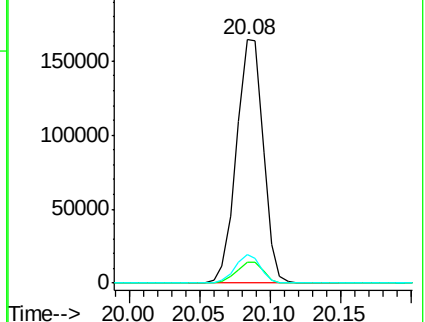
122 11.6 8.3 12.5

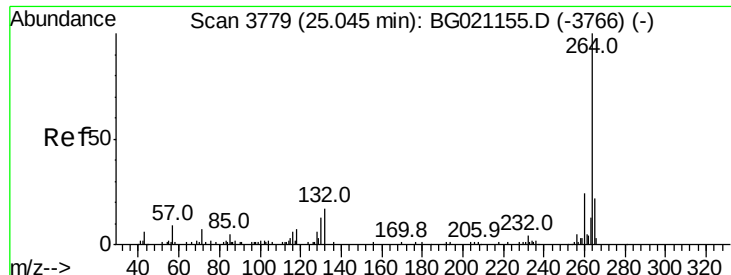


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

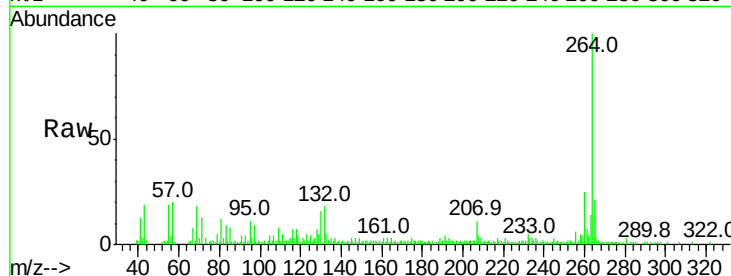




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.04 min Scan# 3778
 Delta R.T. -0.01 min
 Lab File: BG021189.D
 Acq: 1 Mar 2016 15:22

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

Tot Ion:	264	Resp:	62623
Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.5	27.7
265	20.9	18.6	28.0



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

