

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030216\
 Data File : BG021229.D
 Acq On : 3 Mar 2016 2:14
 Operator : UM/SJ
 Sample : H1640-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 03 05:40:01 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 02 11:46:16 2016
 Response via : Initial Calibration

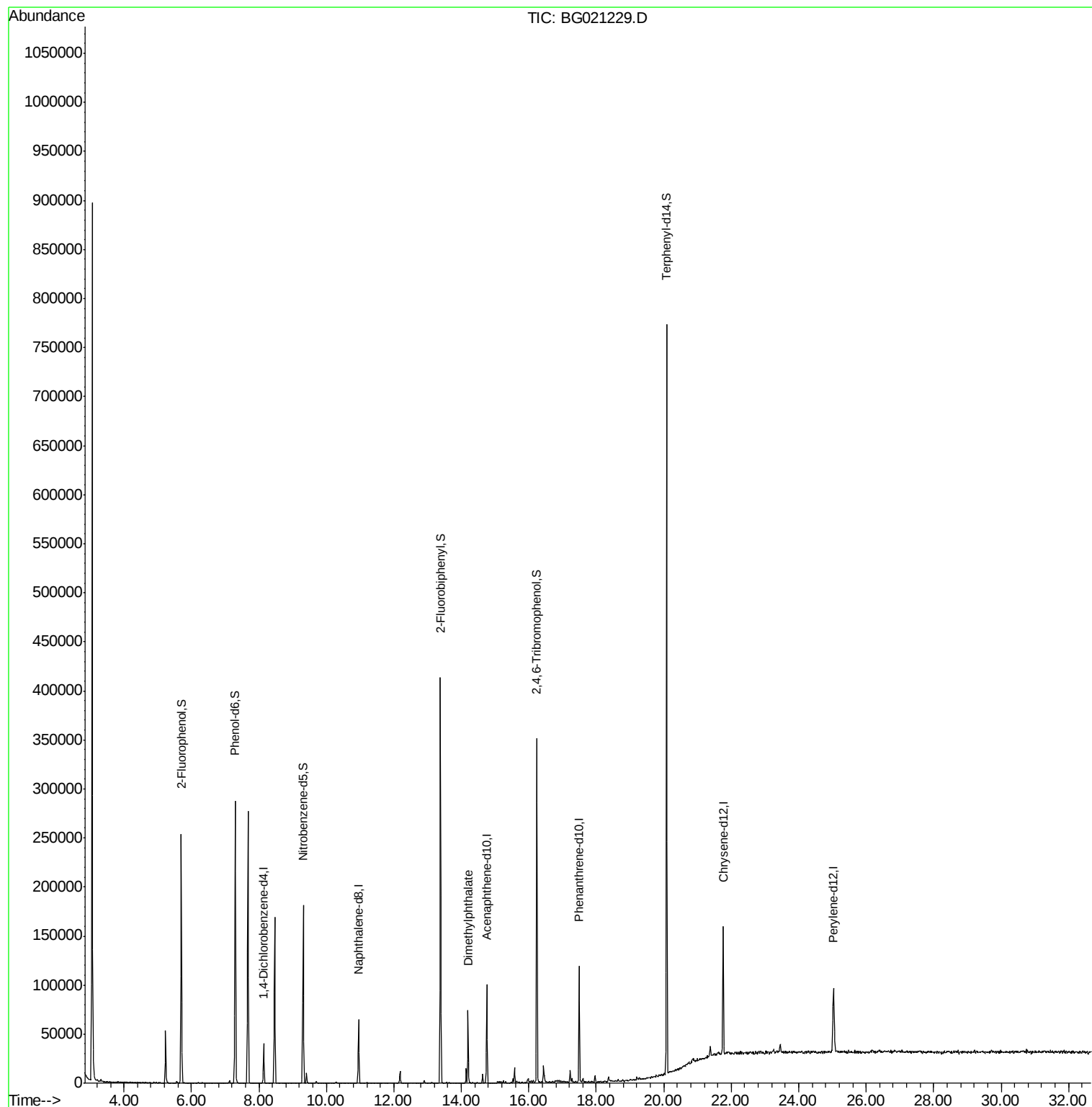
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	10348	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	54013	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	31781	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	68159	20.00	ng	0.00
75) Chrysene-d12	21.76	240	71890	20.00	ng	0.00
86) Perylene-d12	25.03	264	67403	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	98925	151.98	ng	-0.01
7) Phenol-d6	7.30	99	165545	154.67	ng	0.00
23) Nitrobenzene-d5	9.31	82	117995	92.44	ng	-0.01
41) 2,4,6-Tribromophenol	16.24	330	47937	144.97	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	188890	84.40	ng	-0.01
78) Terphenyl-d14	20.08	244	291108	98.10	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.20	163	44278	15.63	ng	Qvalue # 97

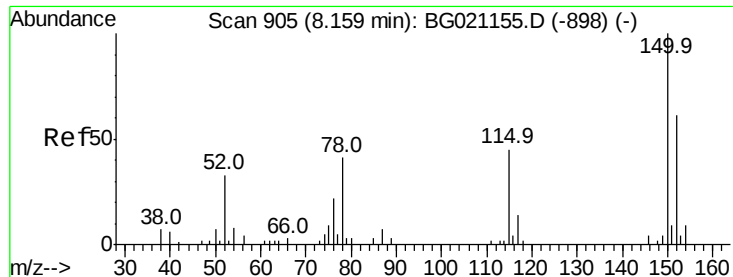
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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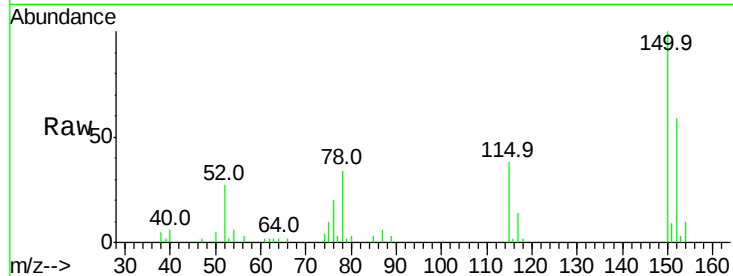


#1

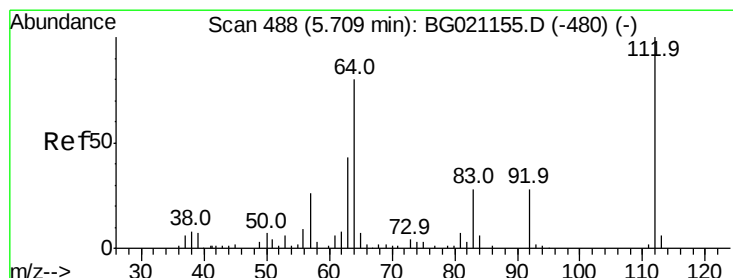
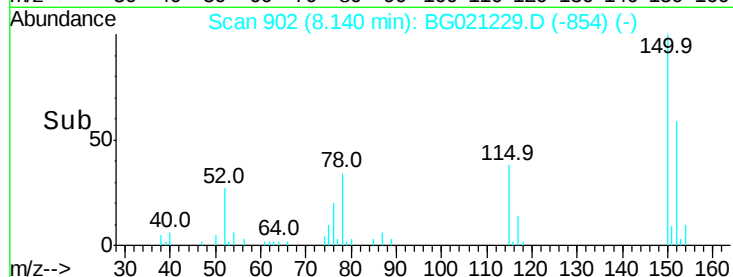
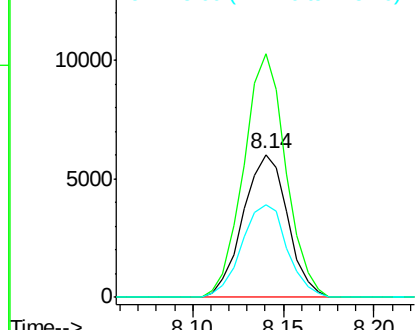
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.14 min Scan# 902
Delta R.T. -0.02 min
Lab File: BG021229.D
Acq: 3 Mar 2016 2:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 10348
Ion Ratio Lower Upper
152 100
150 170.6 123.4 185.2
115 64.5 43.3 64.9



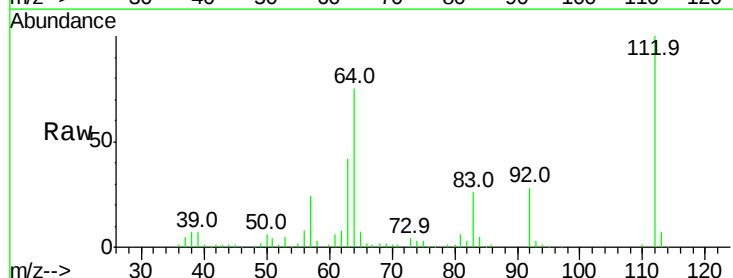
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



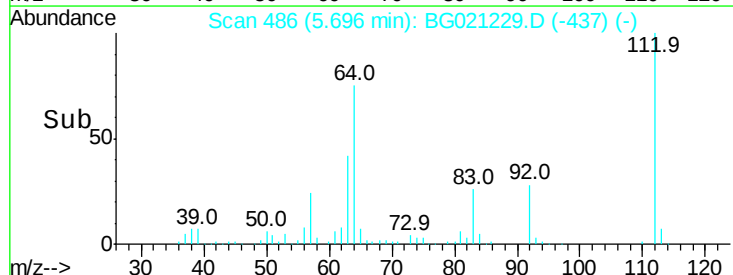
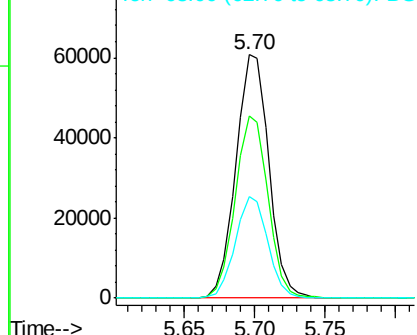
#5

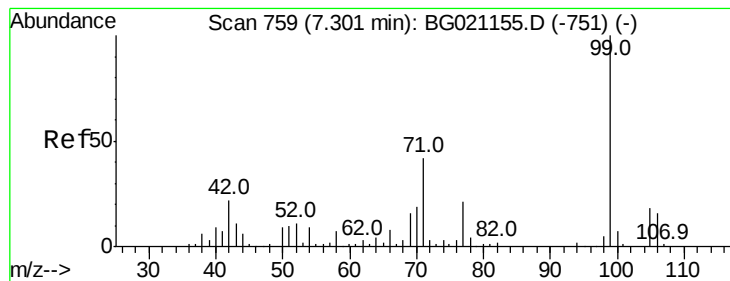
2-Fluorophenol
Concen: 151.98 ng
RT: 5.70 min Scan# 486
Delta R.T. -0.01 min
Lab File: BG021229.D
Acq: 3 Mar 2016 2:14

Tgt Ion:112 Resp: 98925
Ion Ratio Lower Upper
112 100
64 74.6 42.6 63.8#
63 41.7 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: 154.67 ng

RT: 7.30 min Scan# 759

Delta R.T. -0.00 min

Lab File: BG021229.D

Acq: 3 Mar 2016 2:14

Instrument :

BNA_G

ClientSampleId :

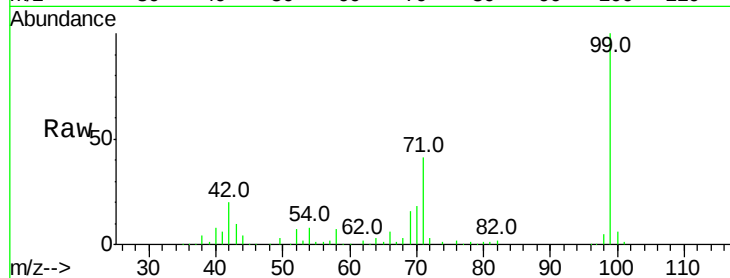
Tot Ion: 99 Resp: 165545

Ion Ratio Lower Upper

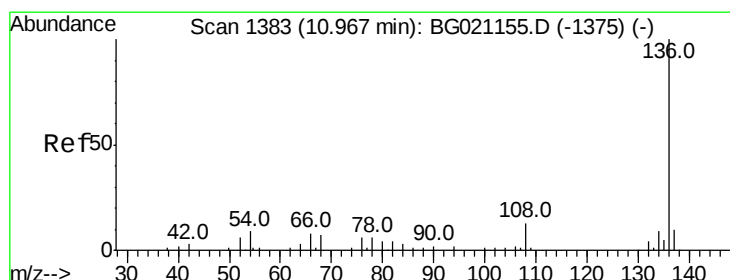
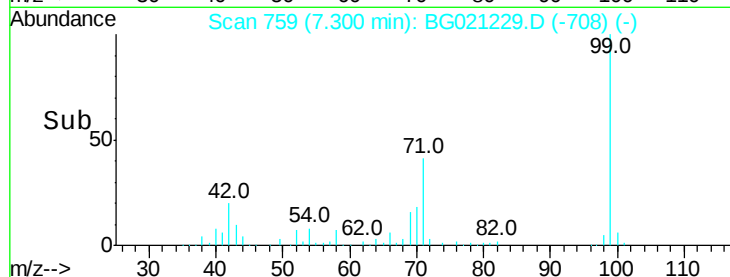
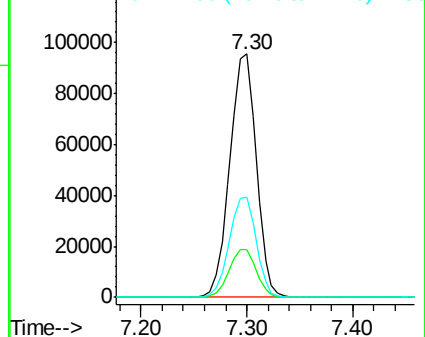
99 100

42 19.7 13.2 19.8

71 41.2 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: 10.95 min Scan# 1381

Delta R.T. -0.01 min

Lab File: BG021229.D

Acq: 3 Mar 2016 2:14

Tgt Ion: 136 Resp: 54013

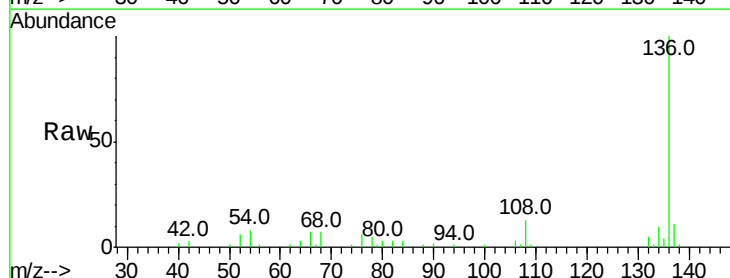
Ion Ratio Lower Upper

136 100

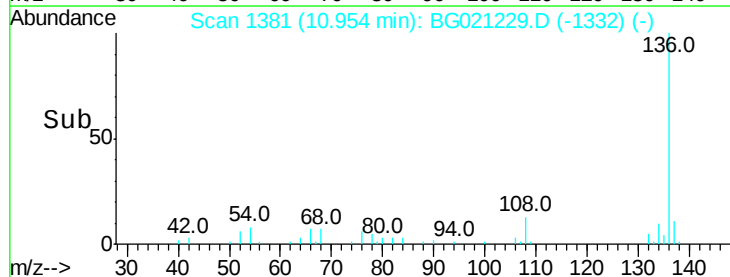
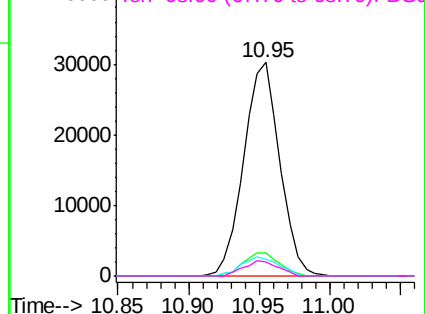
137 10.6 8.8 13.2

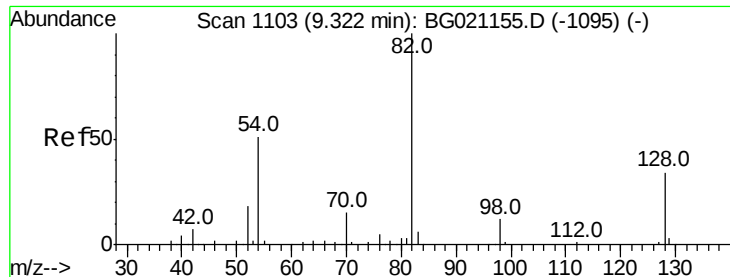
54 7.8 6.9 10.3

68 6.7 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

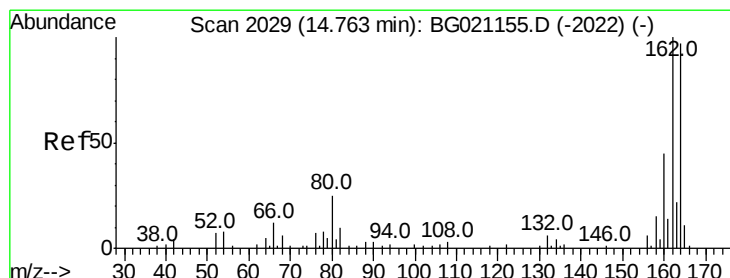
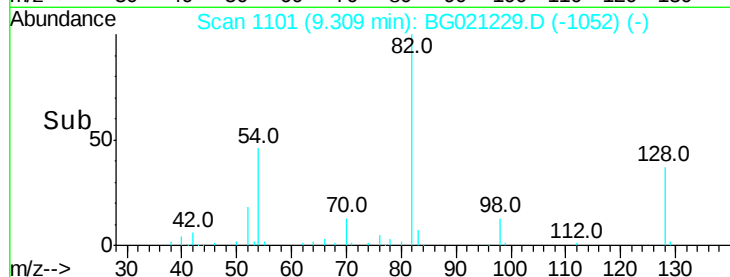
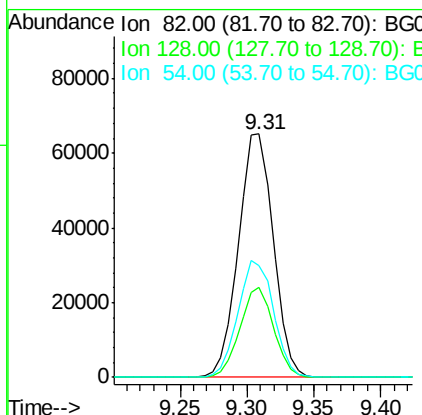
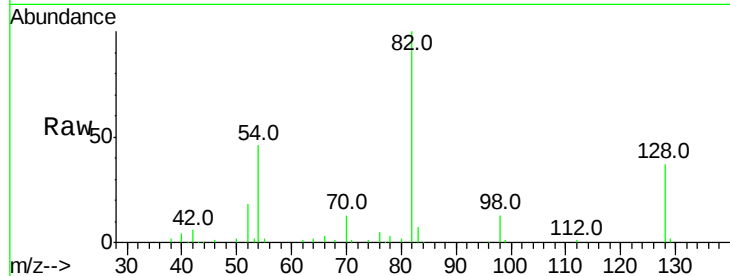




#23
 Nitrobenzene-d5
 Concen: 92.44 ng
 RT: 9.31 min Scan# 1101
 Delta R.T. -0.01 min
 Lab File: BG021229.D
 Acq: 3 Mar 2016 2:14

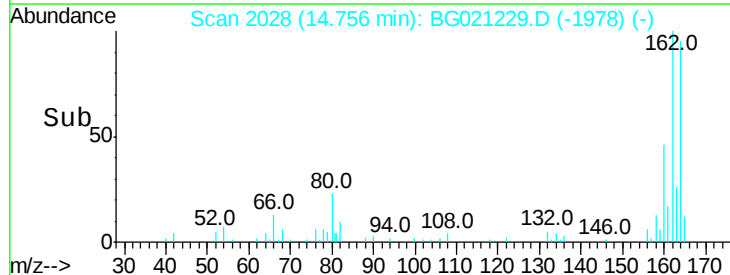
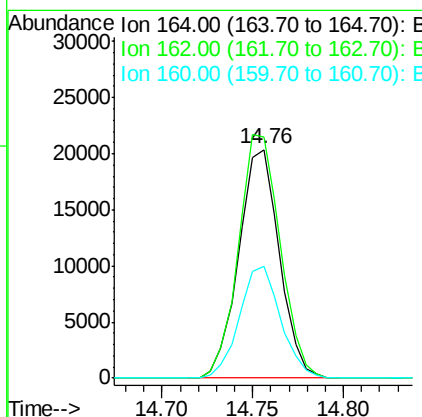
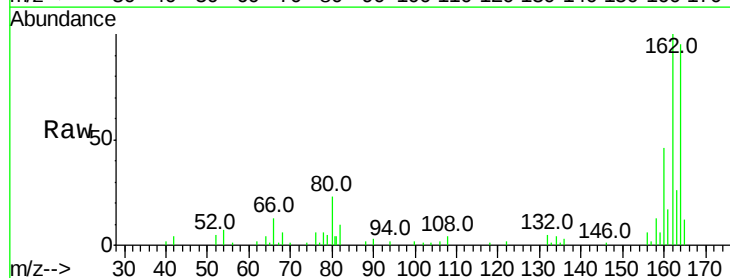
Instrument :
 BNA_G
 ClientSampleId :

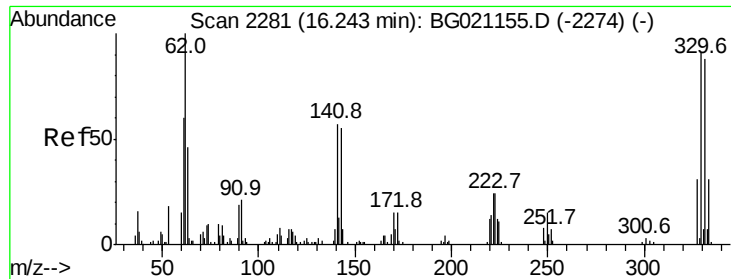
Tot Ion	82	Resp	117995
Ion Ratio	Lower	Upper	
82	100		
128	36.7	36.3	54.5
54	46.1	37.6	56.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.76 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BG021229.D
 Acq: 3 Mar 2016 2:14

Tgt Ion	164	Resp	31781
Ion Ratio	Lower	Upper	
164	100		
162	105.7	80.6	120.8
160	48.7	36.5	54.7

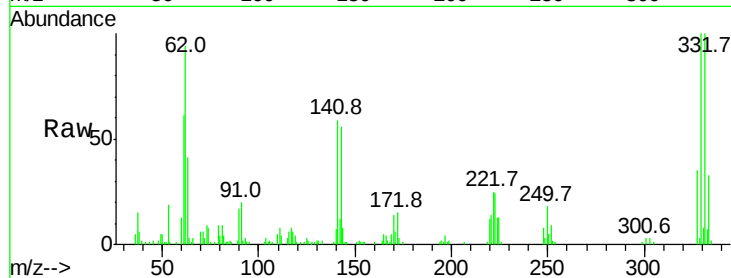




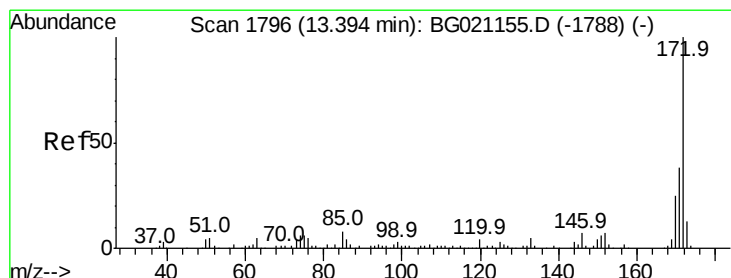
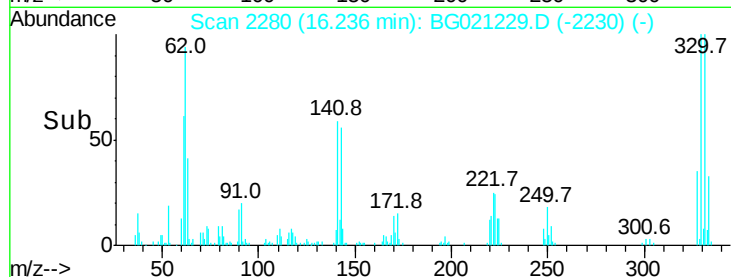
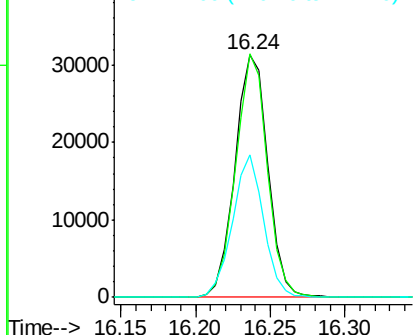
#41
 2,4,6-Tribromophenol
 Concen: 144.97 ng
 RT: 16.24 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BG021229.D
 Acq: 3 Mar 2016 2:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 47937
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.4 116.0
 141 55.6 35.3 52.9#

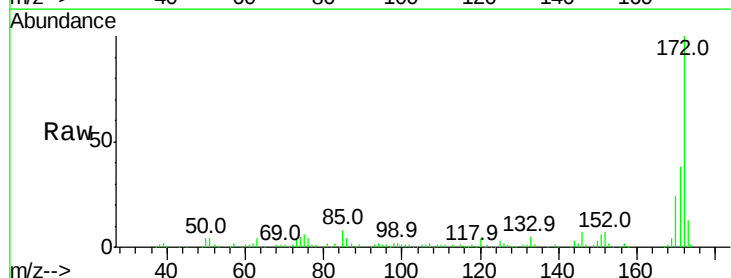


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

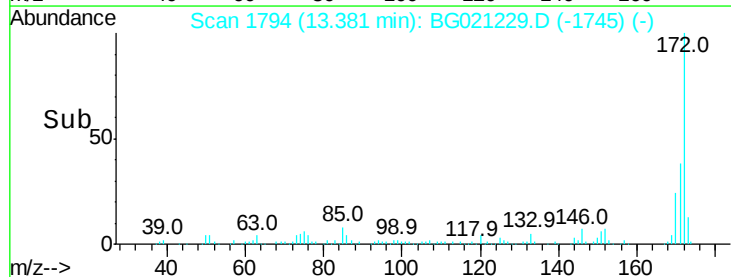
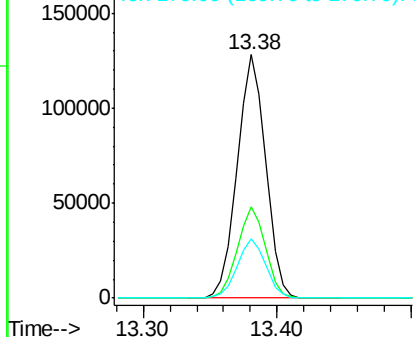


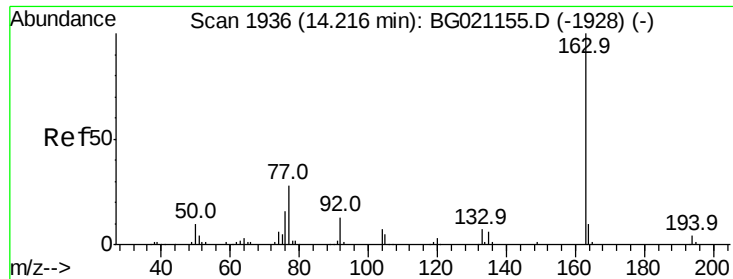
#44
 2-Fluorobiphenyl
 Concen: 84.40 ng
 RT: 13.38 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: BG021229.D
 Acq: 3 Mar 2016 2:14

Tgt Ion:172 Resp: 188890
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.4 44.0
 170 24.2 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: 15.63 ng

RT: 14.20 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BG021229.D

Acq: 3 Mar 2016 2:14

Instrument :

BNA_G

ClientSampleId :

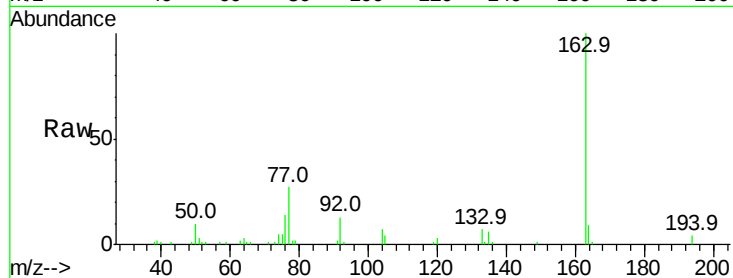
Tot Ion:163 Resp: 44278

Ion Ratio Lower Upper

163 100

194 4.4 2.8 4.2#

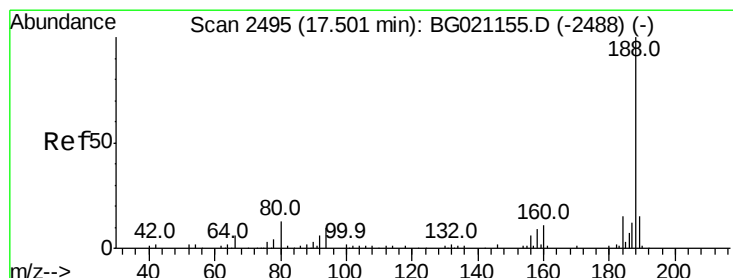
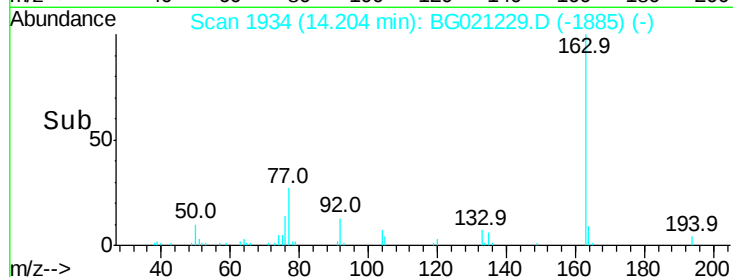
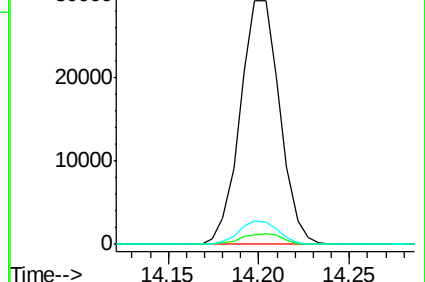
164 9.0 7.9 11.9



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: 17.49 min Scan# 2494

Delta R.T. -0.01 min

Lab File: BG021229.D

Acq: 3 Mar 2016 2:14

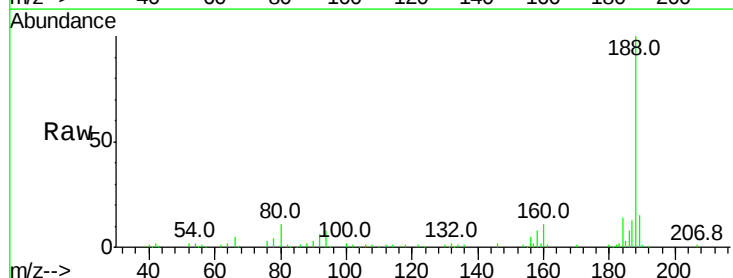
Tgt Ion:188 Resp: 68159

Ion Ratio Lower Upper

188 100

94 8.3 8.2 12.4

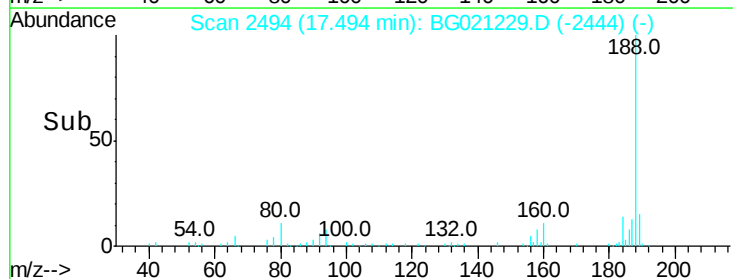
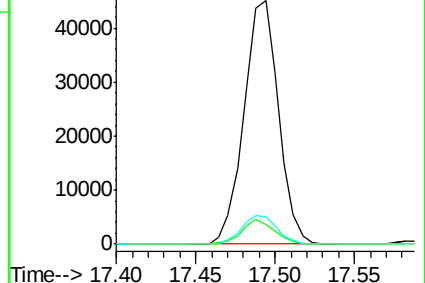
80 11.4 9.2 13.8

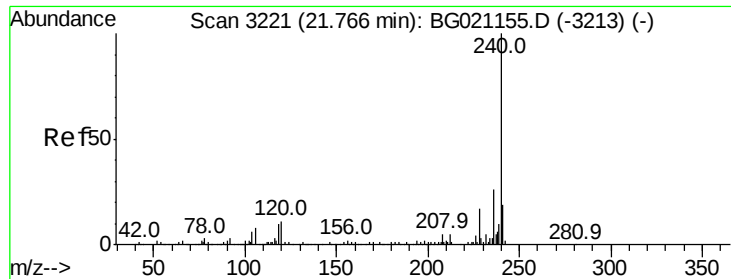


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG021229.D

Acq: 3 Mar 2016 2:14

Instrument :

BNA_G

ClientSampleId :

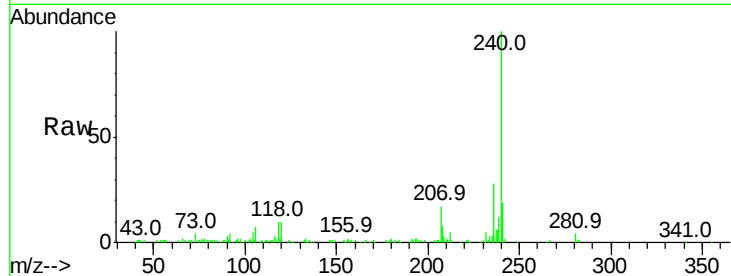
Tot Ion:240 Resp: 71890

Ion Ratio Lower Upper

240 100

120 9.6 7.5 11.3

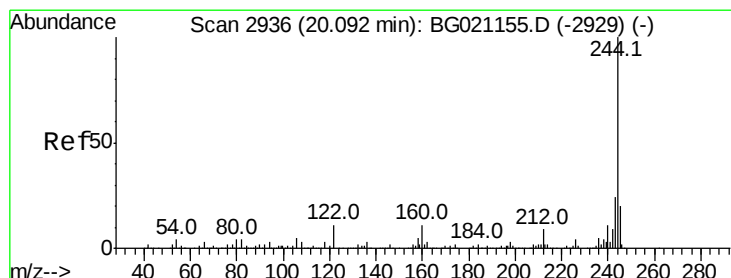
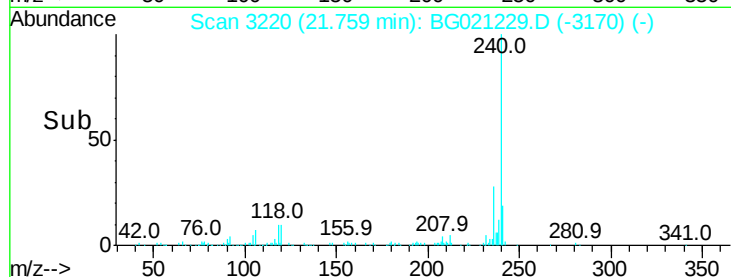
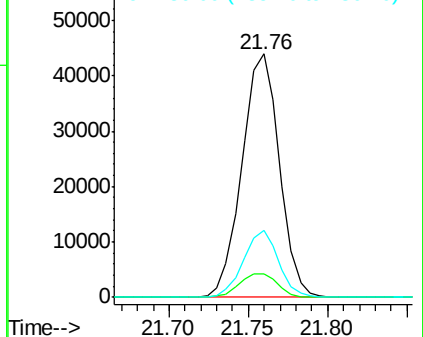
236 27.5 20.5 30.7



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: 98.10 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.01 min

Lab File: BG021229.D

Acq: 3 Mar 2016 2:14

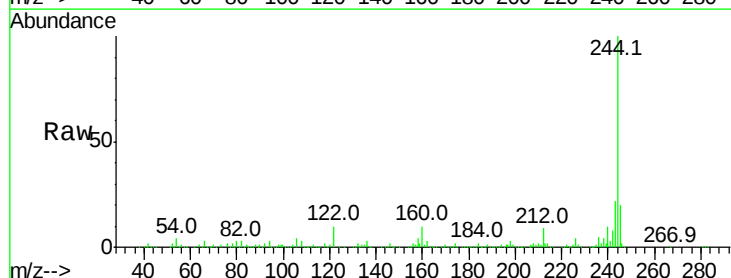
Tgt Ion:244 Resp: 291108

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.6#

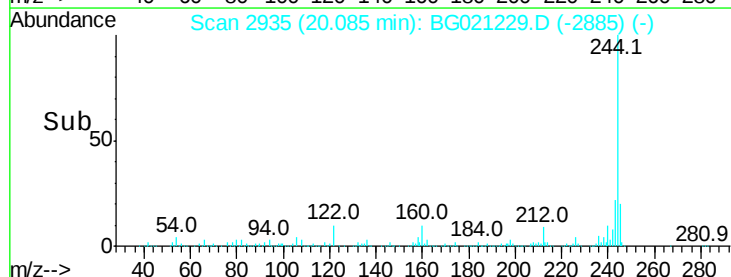
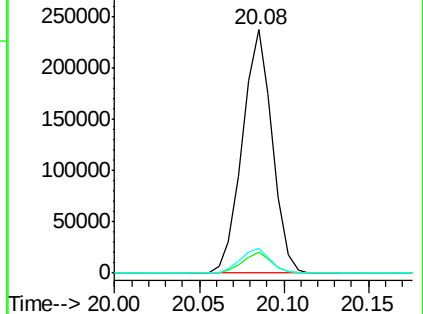
122 10.4 8.3 12.5

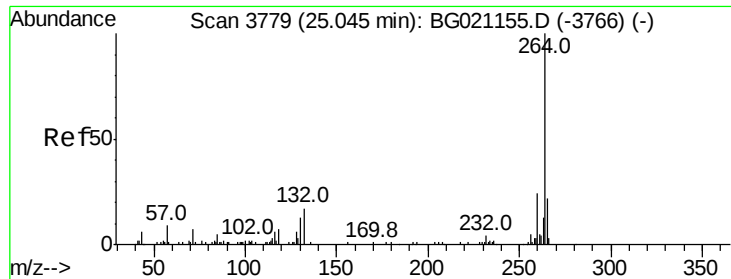


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.03 min Scan# 3777
Delta R.T. -0.01 min
Lab File: BG021229.D
Acq: 3 Mar 2016 2:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	25.9	18.5	27.7	
265	21.4	18.6	28.0	

