

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030216\
 Data File : BG021232.D
 Acq On : 3 Mar 2016 4:12
 Operator : UM/SJ
 Sample : H1640-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 03 05:40:33 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

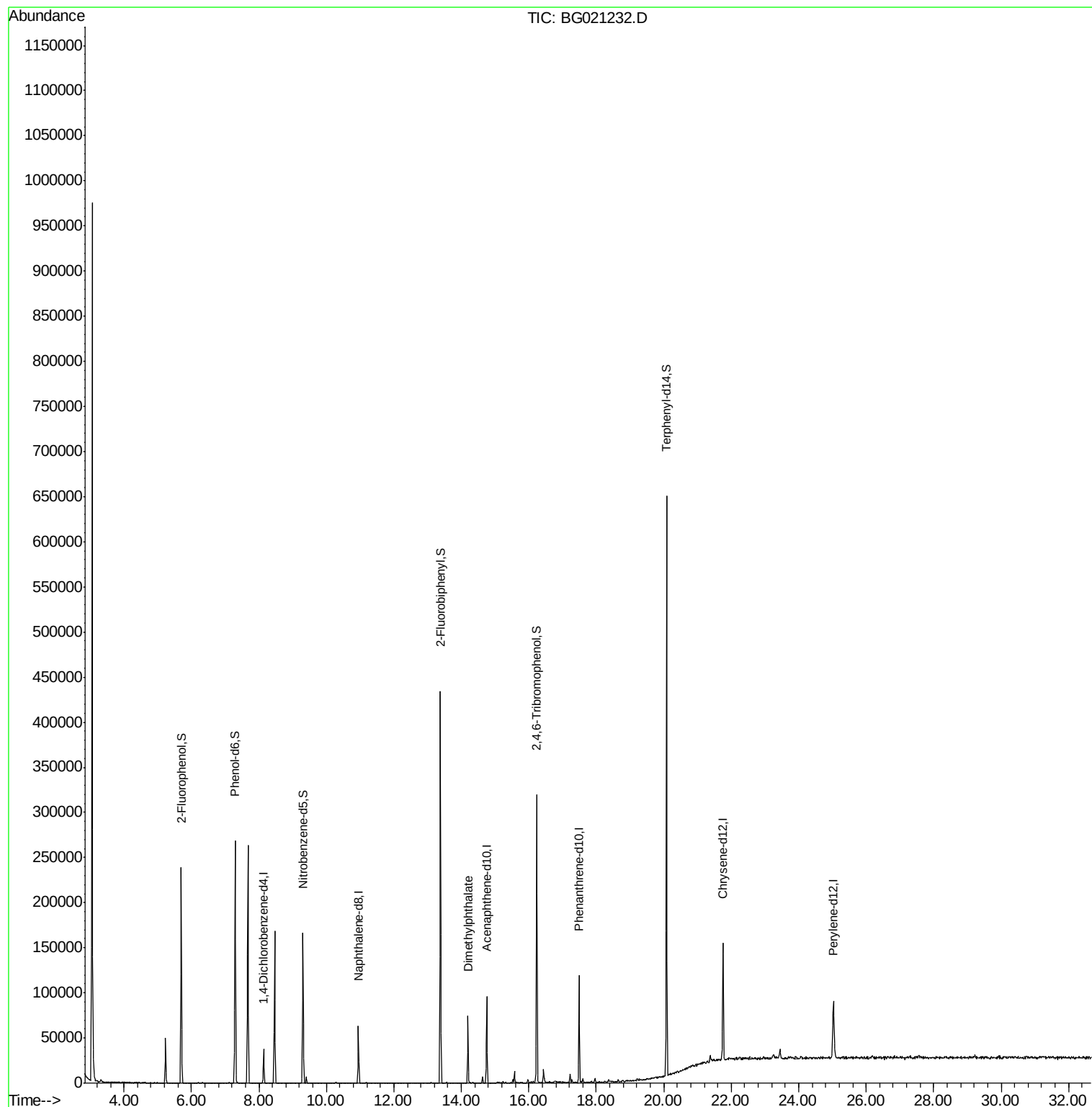
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	9898	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	52309	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	31597	20.00	ng	-0.01
63) Phenanthrene-d10	17.49	188	68502	20.00	ng	-0.01
75) Chrysene-d12	21.75	240	71489	20.00	ng	-0.01
86) Perylene-d12	25.03	264	66676	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	91861	147.54	ng	-0.01
7) Phenol-d6	7.29	99	149572	146.10	ng	0.00
23) Nitrobenzene-d5	9.30	82	108172	87.51	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	44629	135.76	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	210477	94.59	ng	-0.01
78) Terphenyl-d14	20.09	244	260072	88.13	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.20	163	43866	15.58	ng	Qvalue # 98

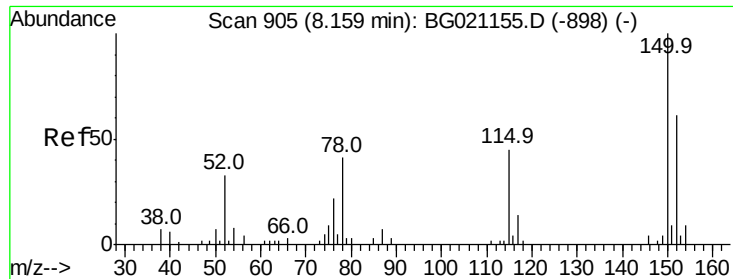
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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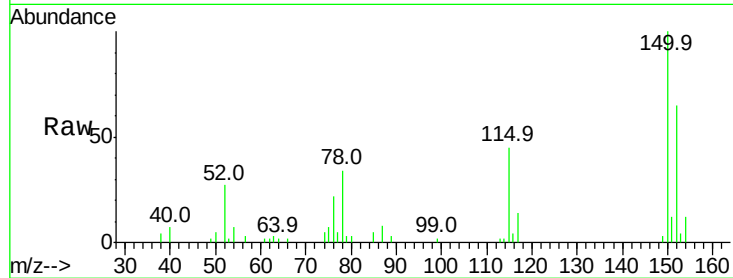


#1

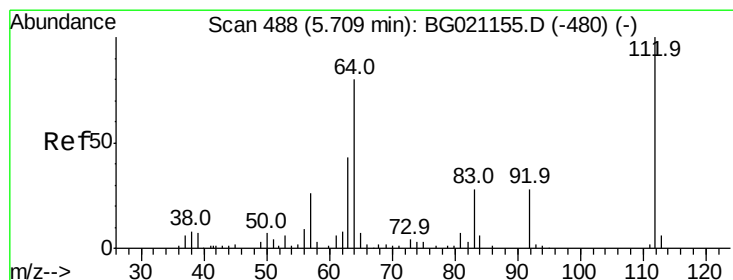
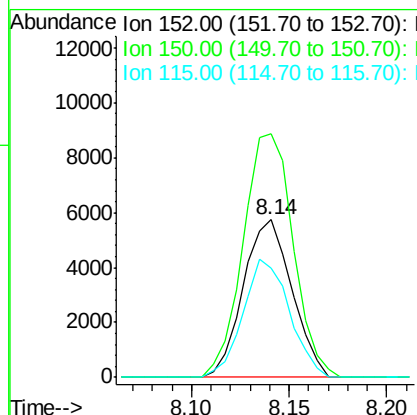
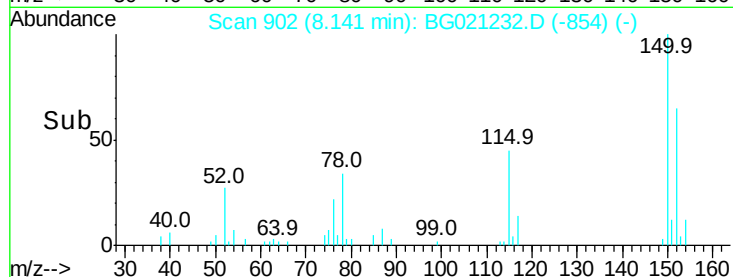
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.14 min Scan# 902
Delta R.T. -0.02 min
Lab File: BG021232.D
Acq: 3 Mar 2016 4:12

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 9898
Ion Ratio Lower Upper
152 100
150 154.3 123.4 185.2
115 69.3 43.3 64.9#



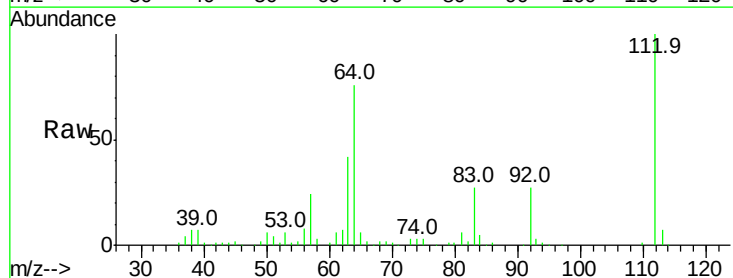
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



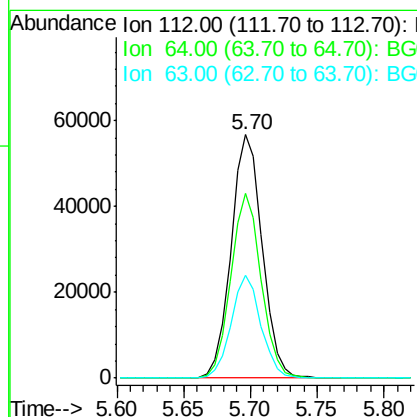
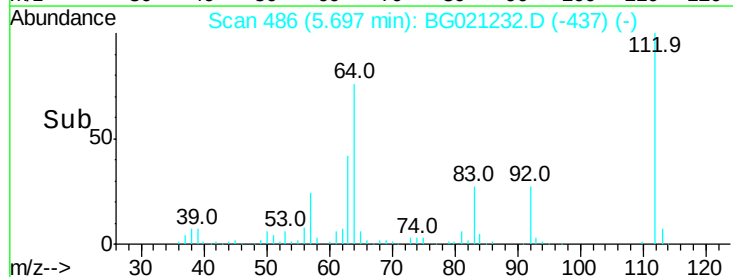
#5

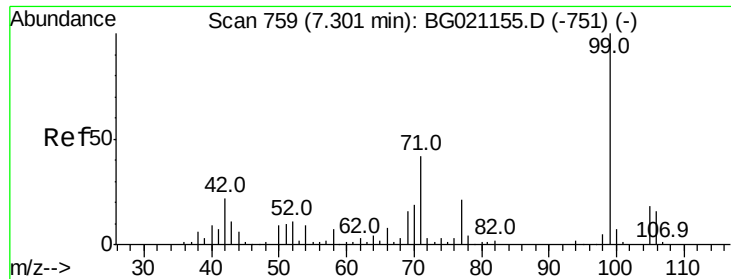
2-Fluorophenol
Concen: 147.54 ng
RT: 5.70 min Scan# 486
Delta R.T. -0.01 min
Lab File: BG021232.D
Acq: 3 Mar 2016 4:12

Tgt Ion:112 Resp: 91861
Ion Ratio Lower Upper
112 100
64 75.9 42.6 63.8#
63 42.2 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: 146.10 ng

RT: 7.29 min Scan# 758

Delta R.T. -0.01 min

Lab File: BG021232.D

Acq: 3 Mar 2016 4:12

Instrument :

BNA_G

ClientSampled :

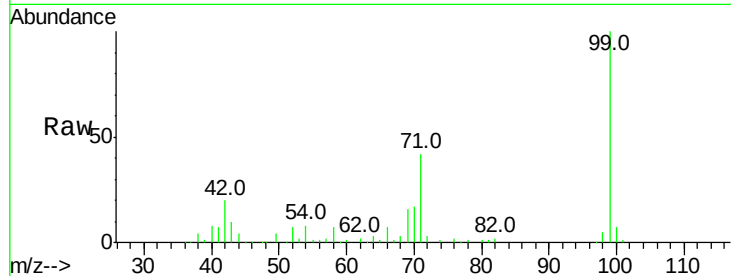
Tot Ion: 99 Resp: 149572

Ion Ratio Lower Upper

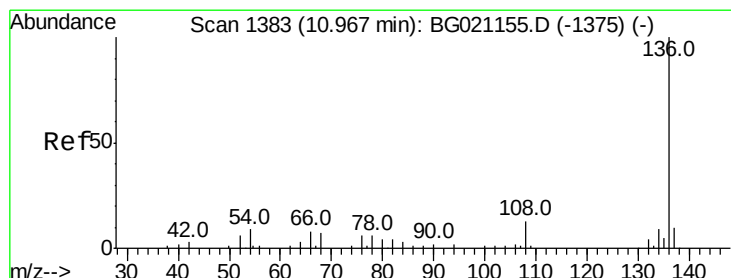
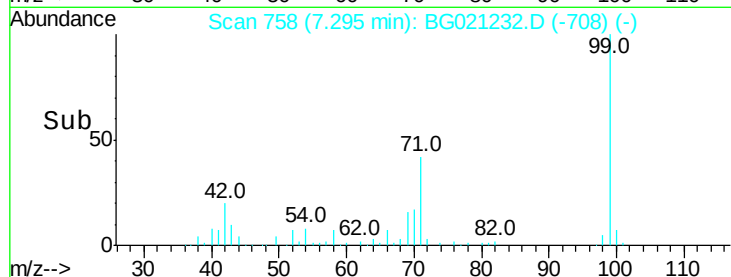
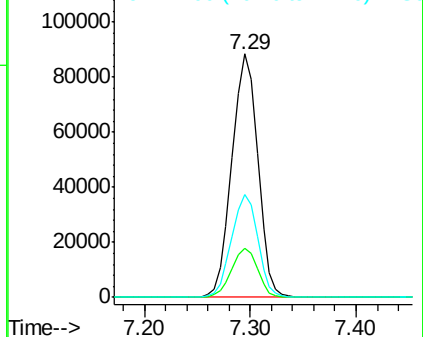
99 100

42 20.1 13.2 19.8#

71 42.1 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# 1380

Delta R.T. -0.02 min

Lab File: BG021232.D

Acq: 3 Mar 2016 4:12

Tgt Ion: 136 Resp: 52309

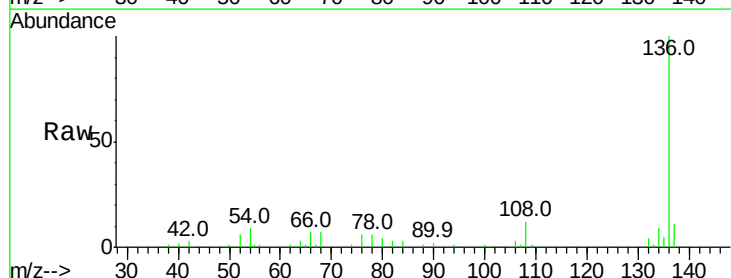
Ion Ratio Lower Upper

136 100

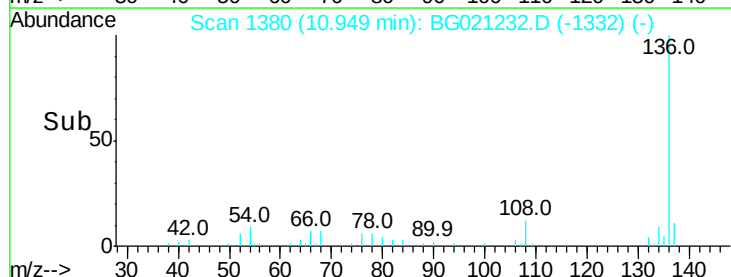
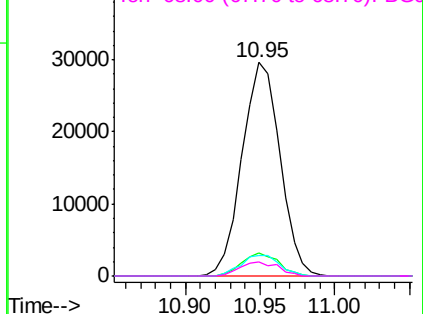
137 10.6 8.8 13.2

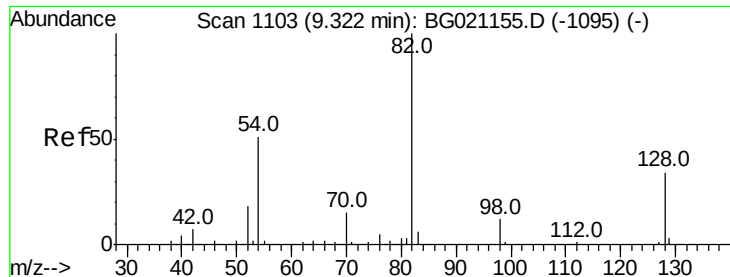
54 9.4 6.9 10.3

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

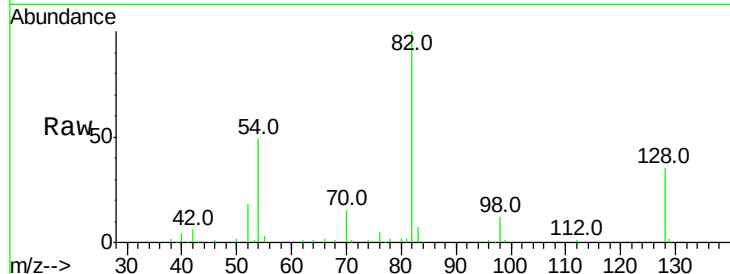




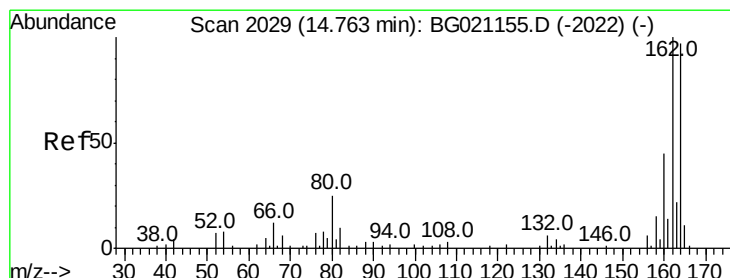
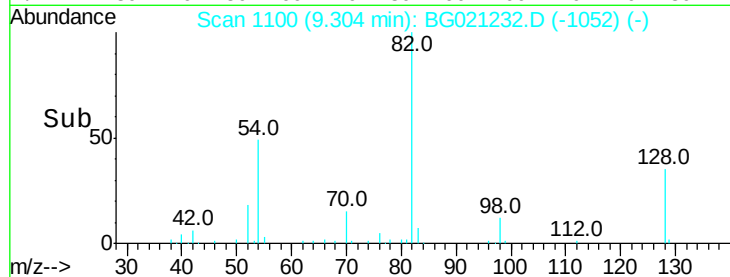
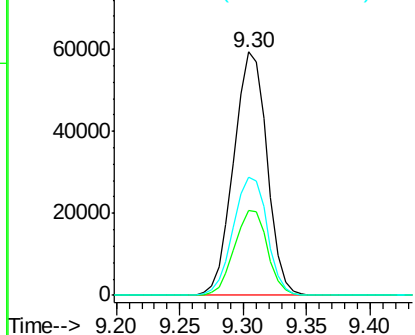
#23
 Nitrobenzene-d5
 Concen: 87.51 ng
 RT: 9.30 min Scan# 1100
 Delta R.T. -0.02 min
 Lab File: BG021232.D
 Acq: 3 Mar 2016 4:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 108172
 Ion Ratio Lower Upper
 82 100
 128 35.0 36.3 54.5#
 54 48.6 37.6 56.4

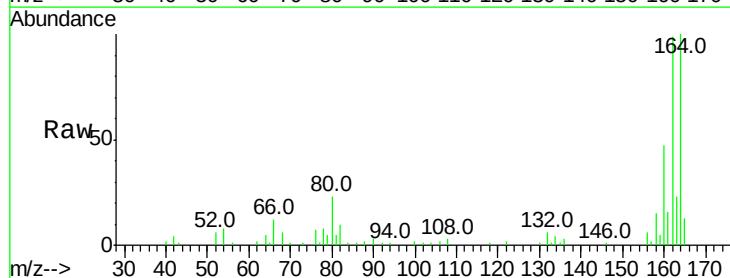


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

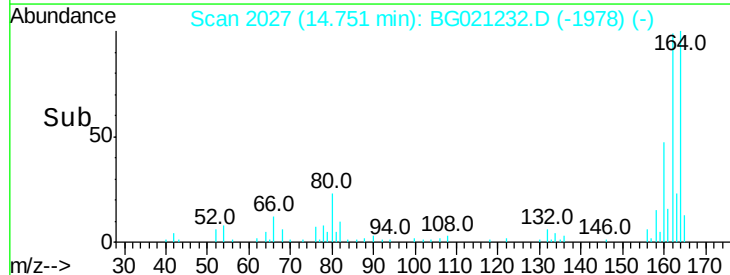
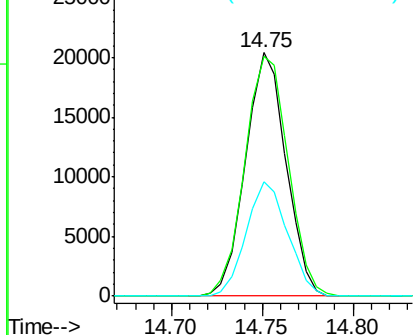


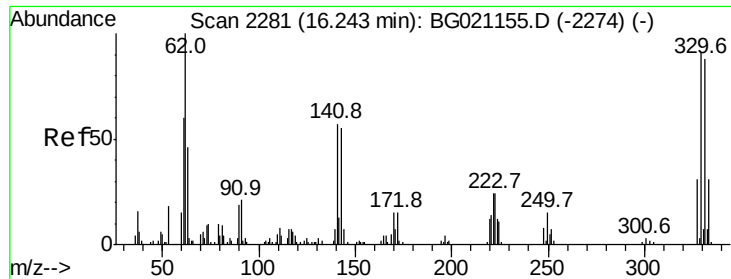
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.75 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BG021232.D
 Acq: 3 Mar 2016 4:12

Tgt Ion: 164 Resp: 31597
 Ion Ratio Lower Upper
 164 100
 162 98.6 80.6 120.8
 160 47.0 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

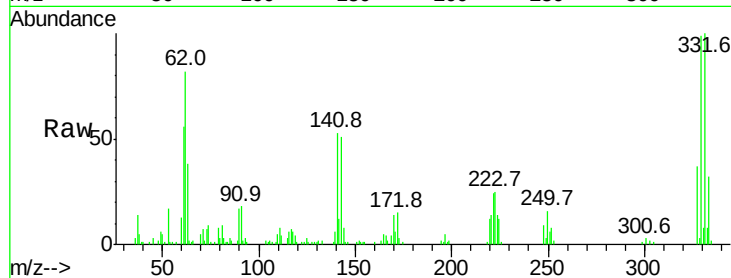




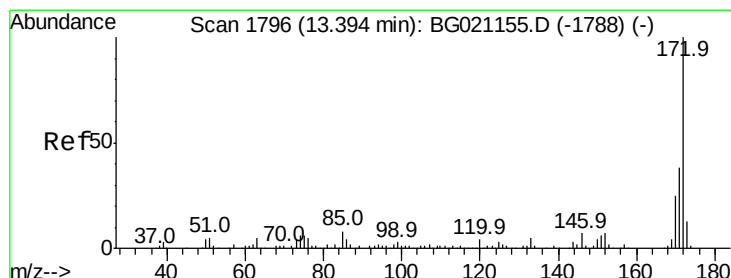
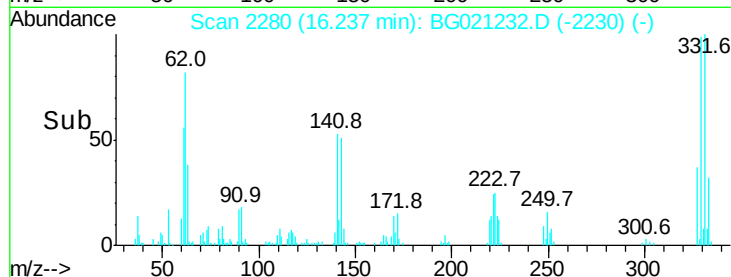
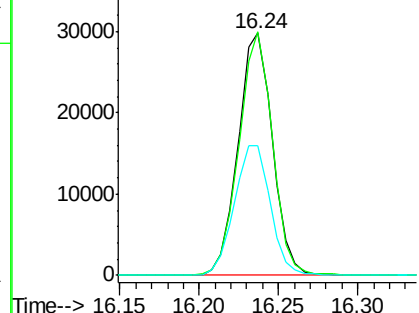
#41
 2,4,6-Tribromophenol
 Concen: 135.76 ng
 RT: 16.24 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BG021232.D
 Acq: 3 Mar 2016 4:12

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.4	116.0
141	55.9	35.3	52.9#

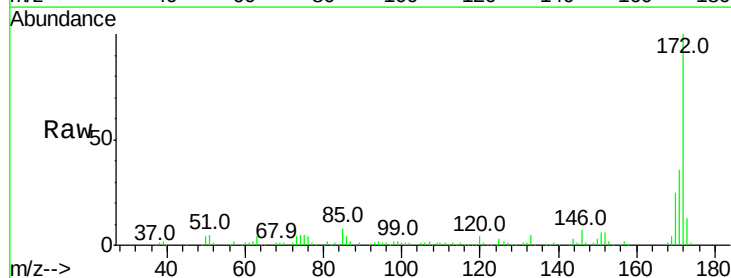


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

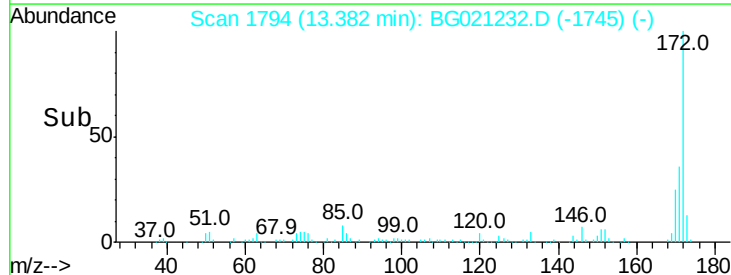
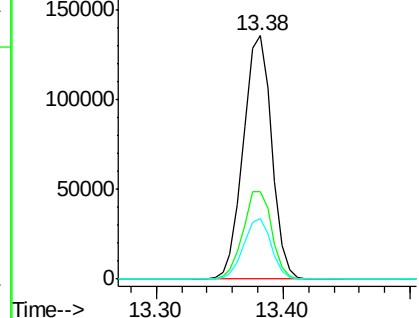


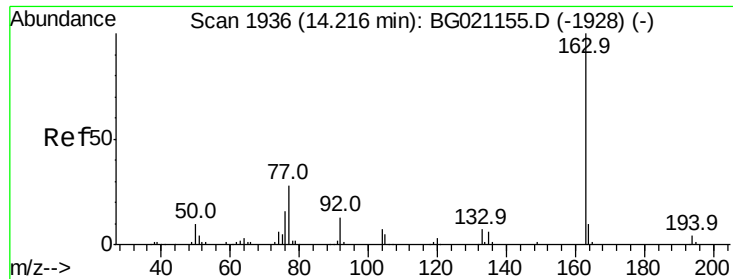
#44
 2-Fluorobiphenyl
 Concen: 94.59 ng
 RT: 13.38 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: BG021232.D
 Acq: 3 Mar 2016 4:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	24.7	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: 15.58 ng

RT: 14.20 min Scan# 1933

Delta R.T. -0.02 min

Lab File: BG021232.D

Acq: 3 Mar 2016 4:12

Instrument :

BNA_G

ClientSampleId :

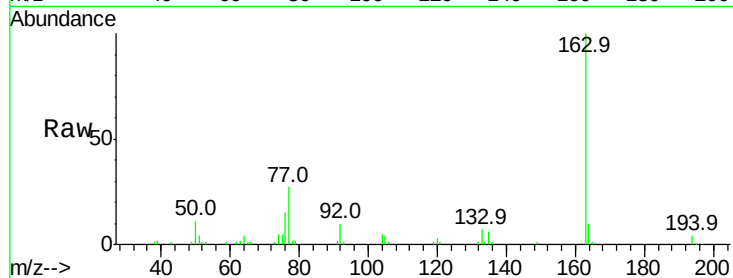
Tot Ion:163 Resp: 43866

Ion Ratio Lower Upper

163 100

194 4.3 2.8 4.2#

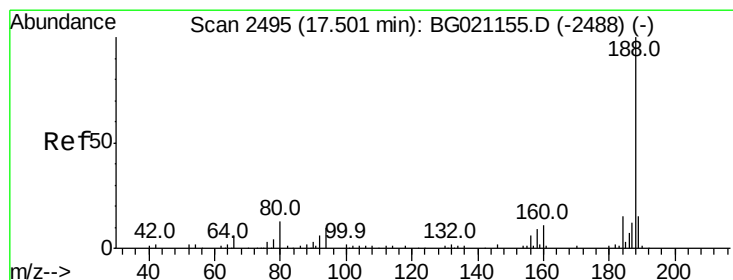
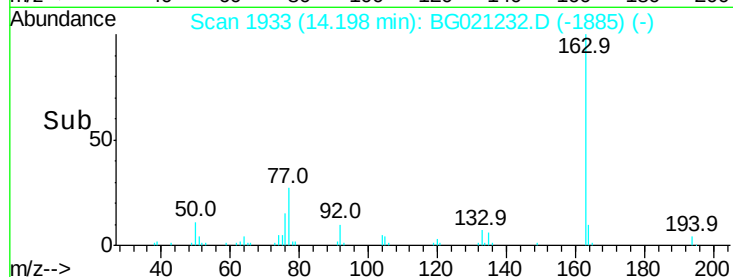
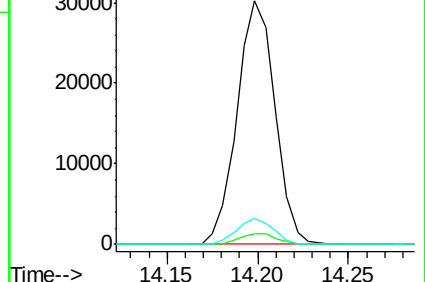
164 10.5 7.9 11.9



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# 2493

Delta R.T. -0.01 min

Lab File: BG021232.D

Acq: 3 Mar 2016 4:12

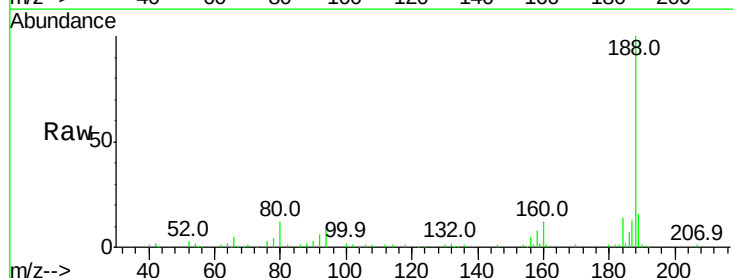
Tgt Ion:188 Resp: 68502

Ion Ratio Lower Upper

188 100

94 9.7 8.2 12.4

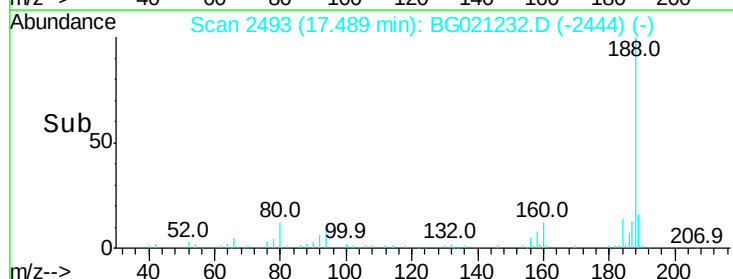
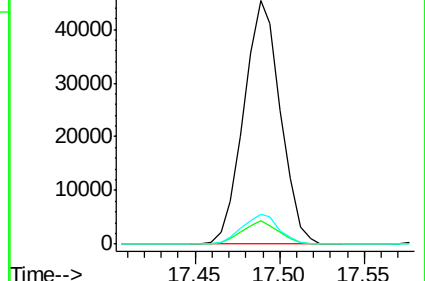
80 12.3 9.2 13.8

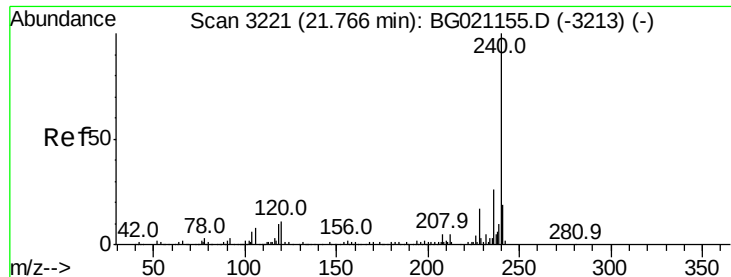


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.75 min Scan# 3219

Delta R.T. -0.01 min

Lab File: BG021232.D

Acq: 3 Mar 2016 4:12

Instrument :

BNA_G

ClientSampleId :

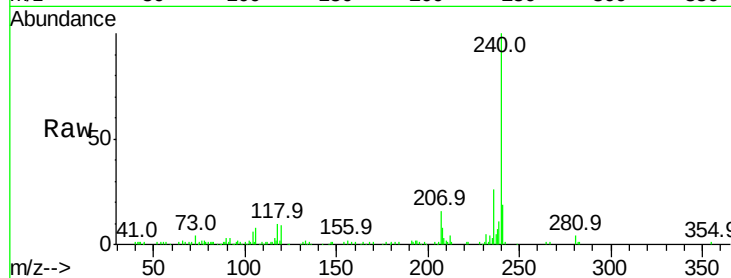
Tot Ion:240 Resp: 71489

Ion Ratio Lower Upper

240 100

120 9.3 7.5 11.3

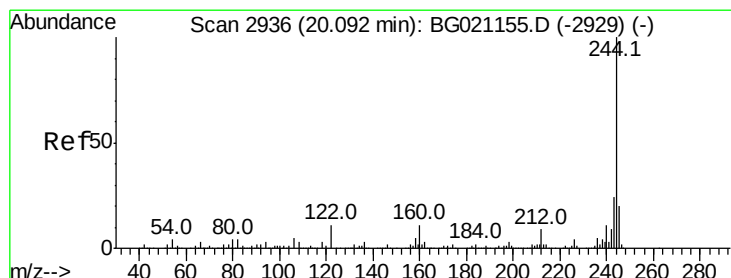
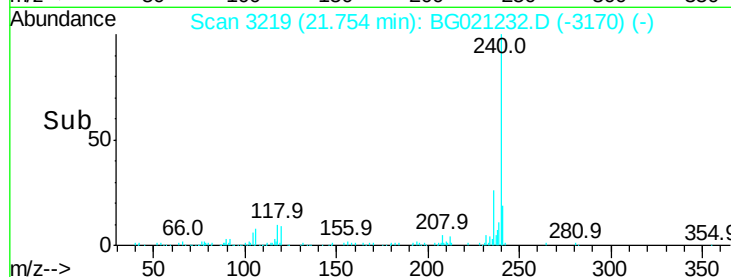
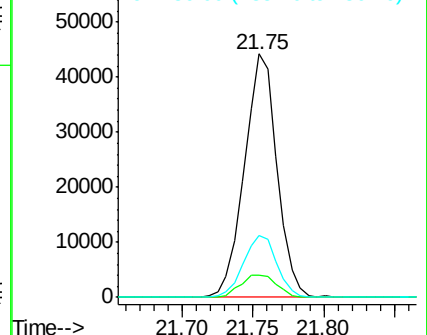
236 25.6 20.5 30.7



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: 88.13 ng

RT: 20.09 min Scan# 2935

Delta R.T. -0.01 min

Lab File: BG021232.D

Acq: 3 Mar 2016 4:12

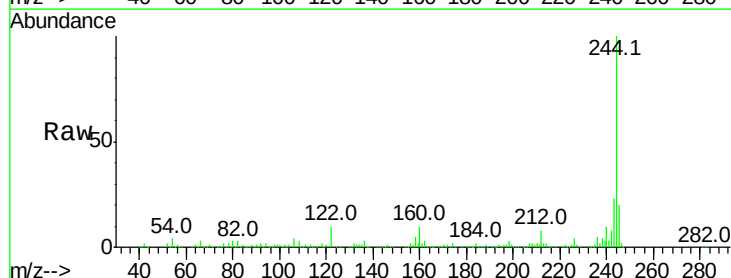
Tgt Ion:244 Resp: 260072

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.6

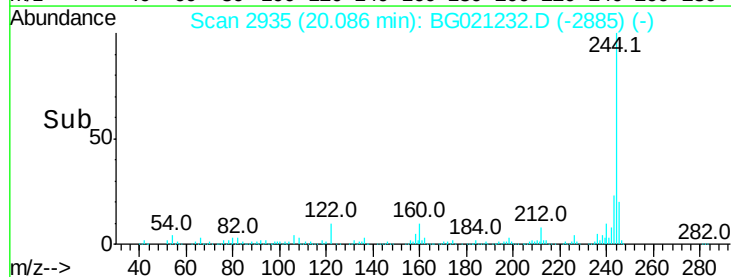
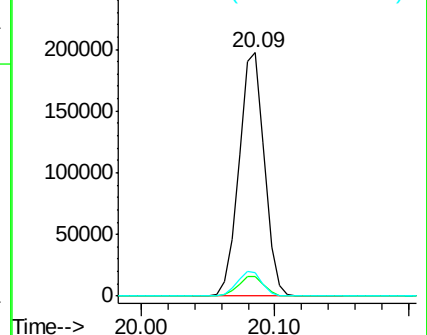
122 9.9 8.3 12.5

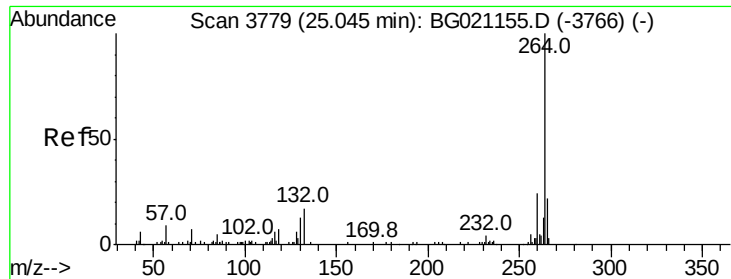


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3776
Delta R.T. -0.02 min
Lab File: BG021232.D
Acq: 3 Mar 2016 4:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.5	27.7
265	22.9	18.6	28.0

