

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG110417\
 Data File : BG030721.D
 Acq On : 4 Nov 2017 4:24
 Operator : SJ/JU
 Sample : I6275-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 04 05:19:30 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 18:14:01 2017
 Response via : Initial Calibration

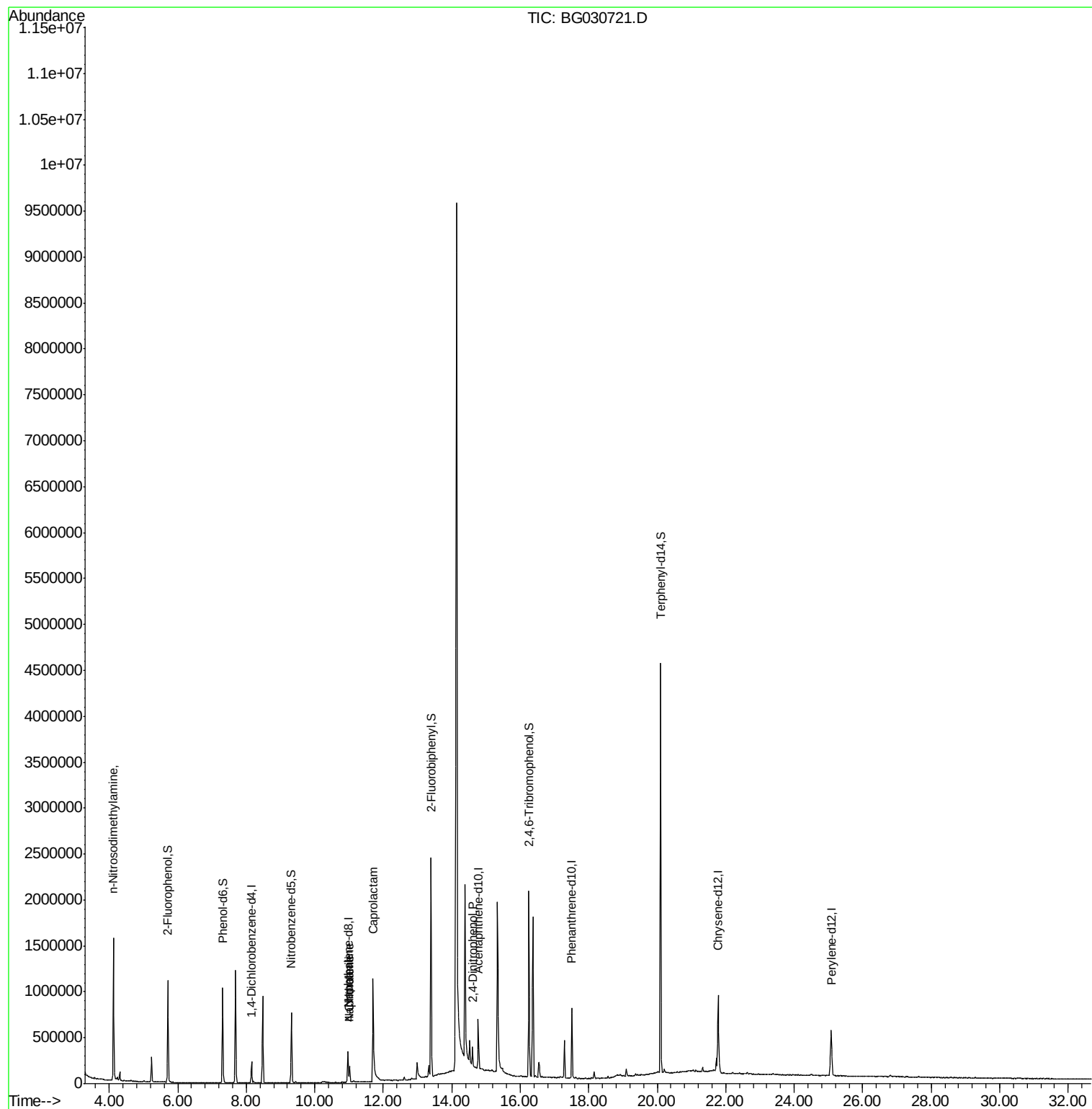
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	66429	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	306102	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	196920	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	484829	20.00	ng	0.00
75) Chrysene-d12	21.78	240	526024	20.00	ng	0.00
86) Perylene-d12	25.08	264	532213	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	523901	131.75	ng	0.00
7) Phenol-d6	7.31	99	641742	114.97	ng	0.00
23) Nitrobenzene-d5	9.32	82	487050	101.11	ng	0.00
41) 2,4,6-Tribromophenol	16.25	330	419026	164.81	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	1271254	94.68	ng	0.00
78) Terphenyl-d14	20.10	244	2051776	88.73	ng	0.00
Target Compounds						
4) n-Nitrosodimethylamine	4.12	42	60514	27.554	ng	Qvalue
31) Naphthalene	11.01	128	153278	10.047	ng	# 1
33) 4-Chloroaniline	11.01	127	20489	3.193	ng	# 99
35) Caprolactam	11.70	113	61591	37.108	ng	# 34
53) 2,4-Dinitrophenol	14.61	184	284	6.778	ng	# 1

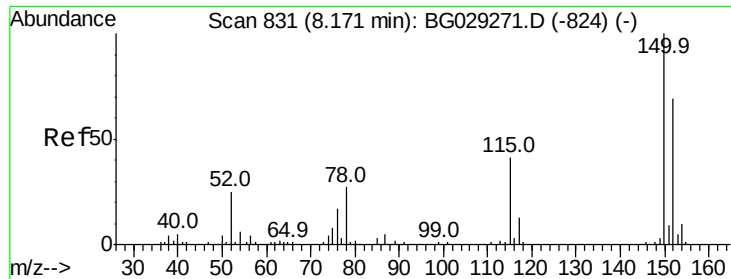
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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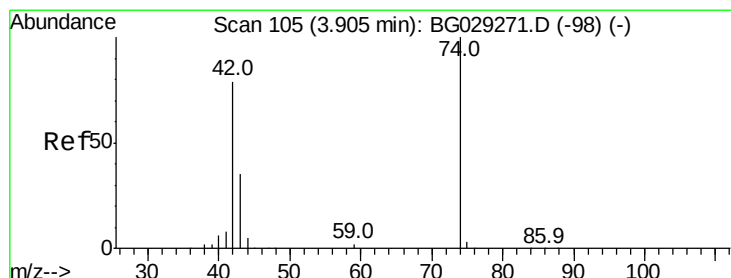
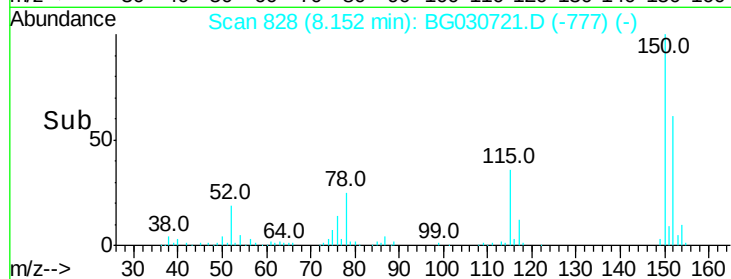
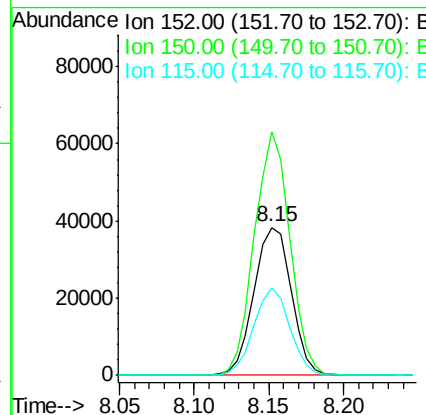
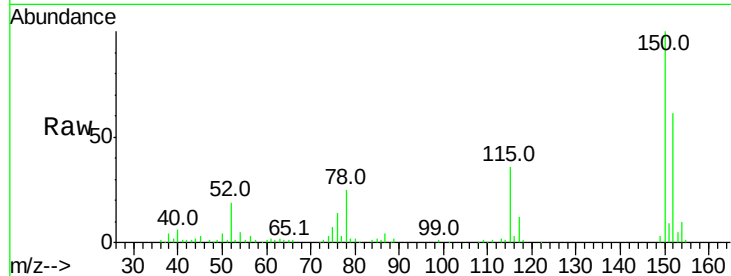


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG030721.D
Acq: 4 Nov 2017 4:24

Instrument :
BNA_G
ClientSampleId :

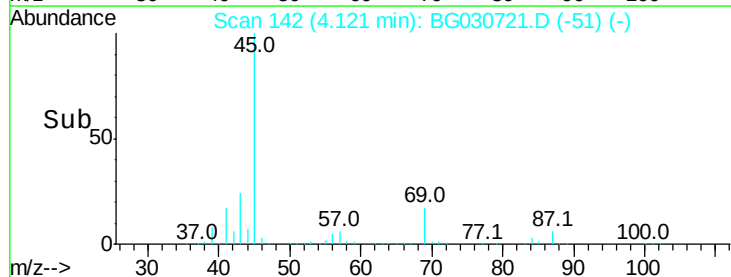
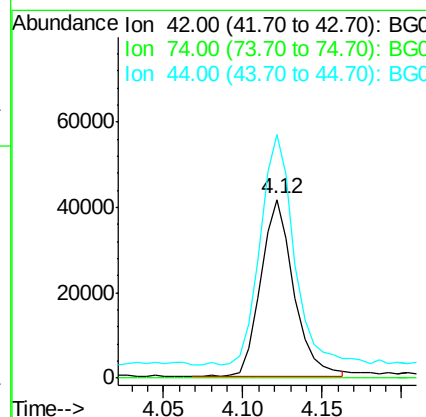
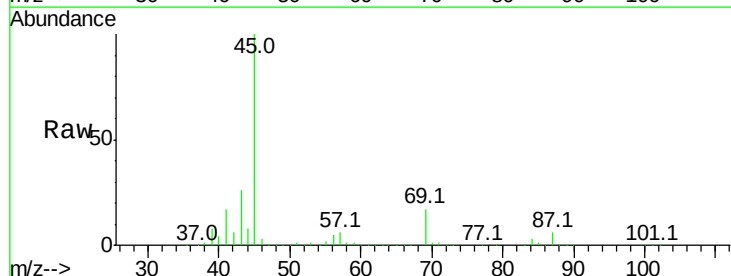
Tot Ion:152 Resp: 66429
Ion Ratio Lower Upper
152 100
150 164.4 126.6 189.8
115 58.8 53.0 79.4

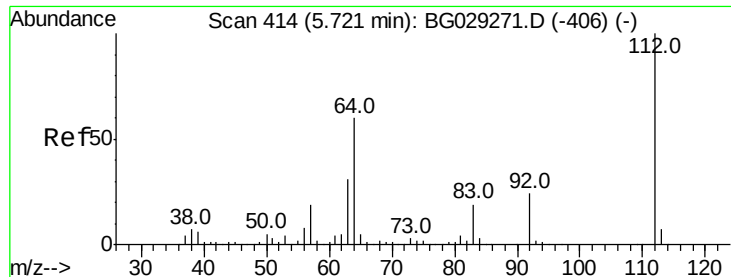


#4

n-Nitrosodimethylamine
Concen: 27.554 ng
RT: 4.12 min Scan# 142
Delta R.T. 0.23 min
Lab File: BG030721.D
Acq: 4 Nov 2017 4:24

Tgt Ion: 42 Resp: 60514
Ion Ratio Lower Upper
42 100
74 0.0 102.5 153.7#
44 136.1 18.9 28.3#





#5

2-Fluorophenol

Concen: 131.750 ng

RT: 5.71 min Scan# 412

Delta R.T. -0.00 min

Lab File: BG030721.D

Acq: 4 Nov 2017 4:24

Instrument :

BNA_G

ClientSampleId :

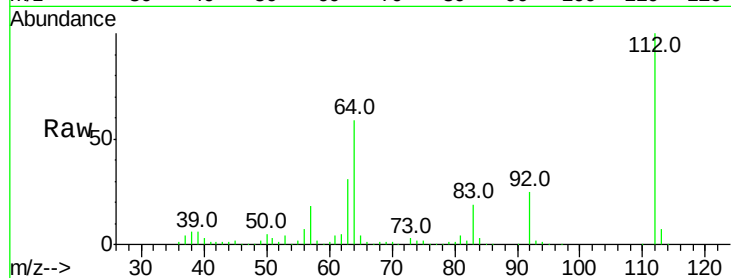
Tot Ion:112 Resp: 523901

Ion Ratio Lower Upper

112 100

64 59.2 56.3 84.5

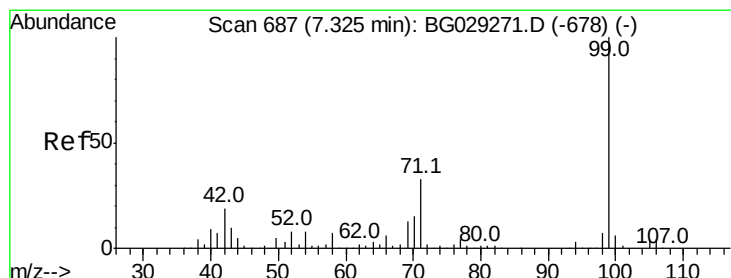
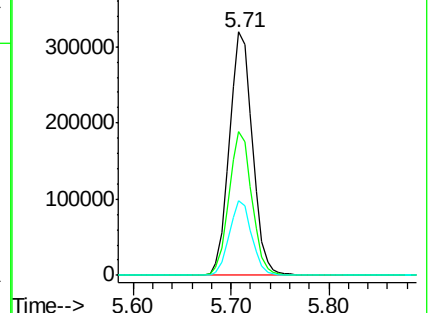
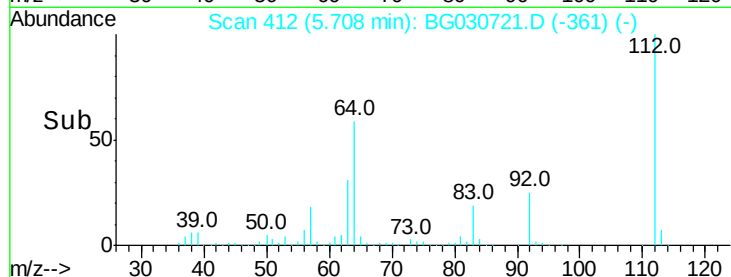
63 30.7 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#7

Phenol-d6

Concen: 114.975 ng

RT: 7.31 min Scan# 685

Delta R.T. 0.00 min

Lab File: BG030721.D

Acq: 4 Nov 2017 4:24

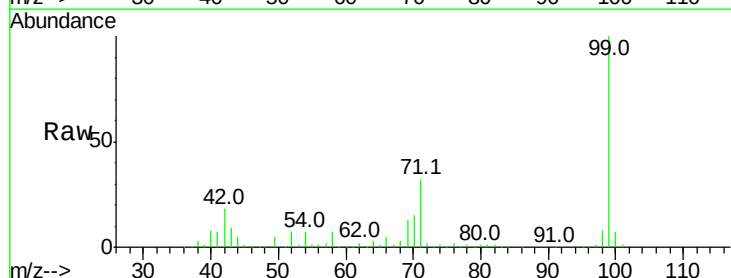
Tgt Ion: 99 Resp: 641742

Ion Ratio Lower Upper

99 100

42 18.3 14.1 21.1

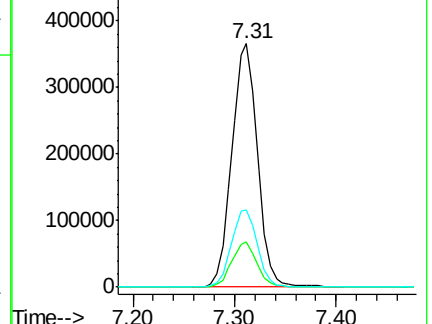
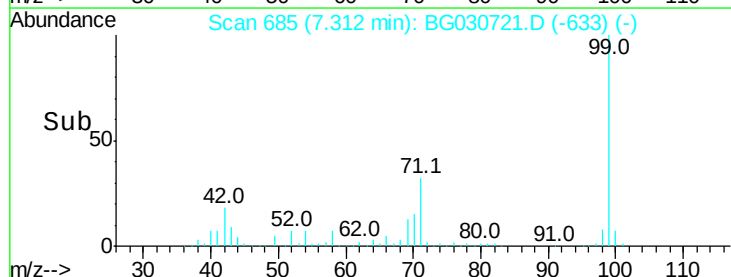
71 31.8 26.1 39.1

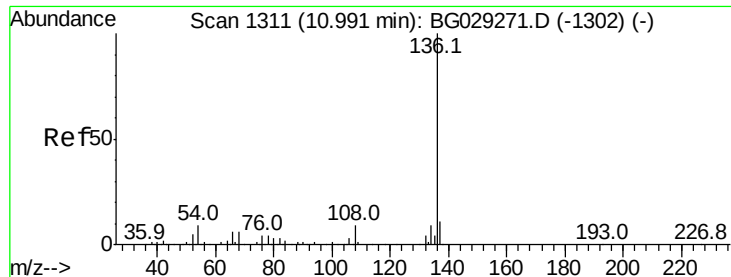


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B

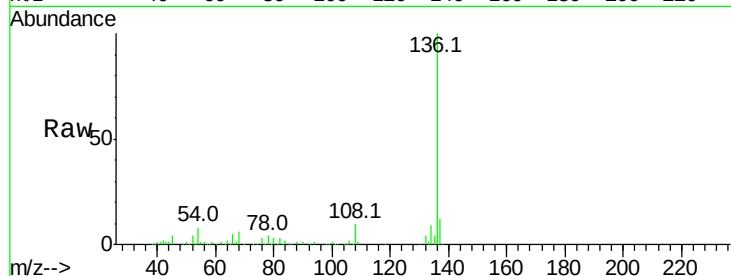




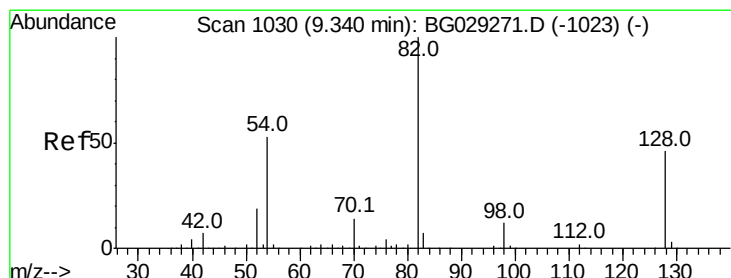
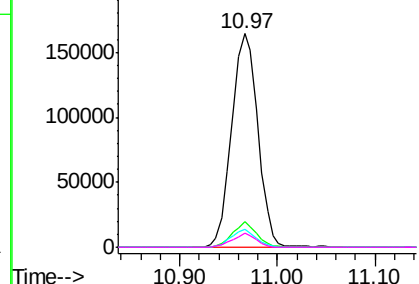
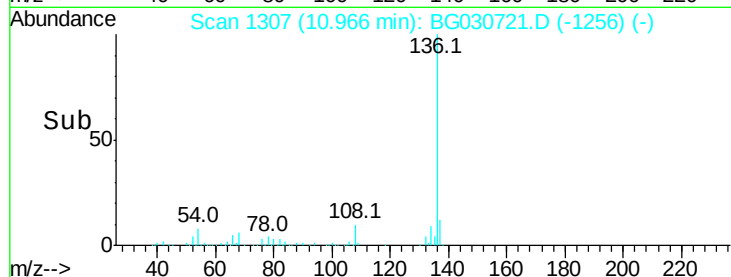
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG030721.D
Acq: 4 Nov 2017 4:24

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	306102
Ion Ratio	Lower	Upper
136	100	
137	12.0	9.2 13.8
54	8.1	10.3 15.5#
68	6.3	4.5 6.7

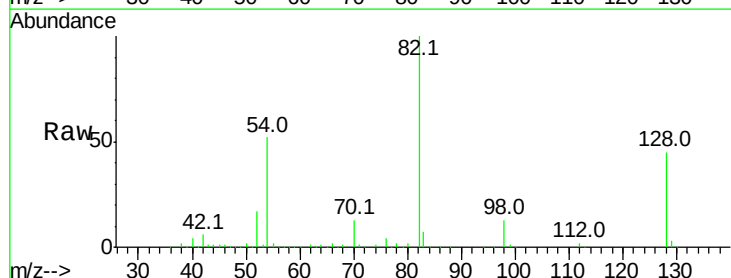


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

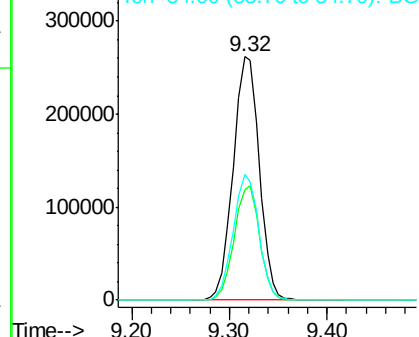
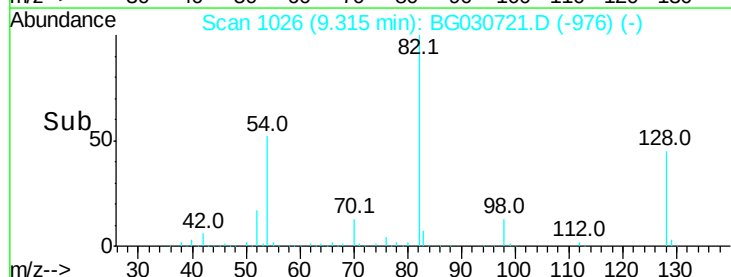


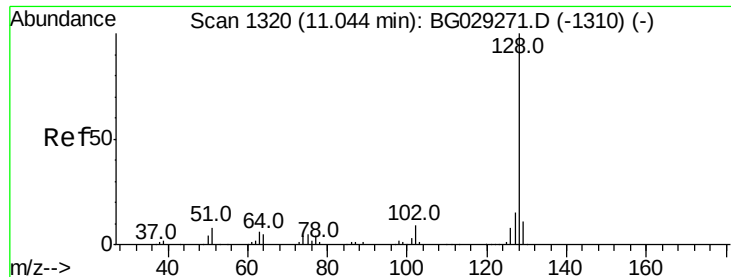
#23
Nitrobenzene-d5
Concen: 101.112 ng
RT: 9.32 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BG030721.D
Acq: 4 Nov 2017 4:24

Tgt Ion: 82	Resp:	487050
Ion Ratio	Lower	Upper
82	100	
128	45.3	29.7 44.5#
54	51.6	43.1 64.7



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

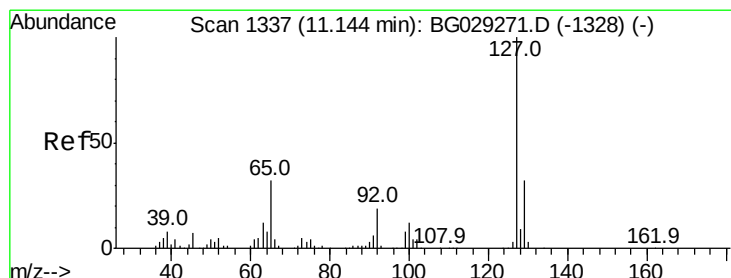
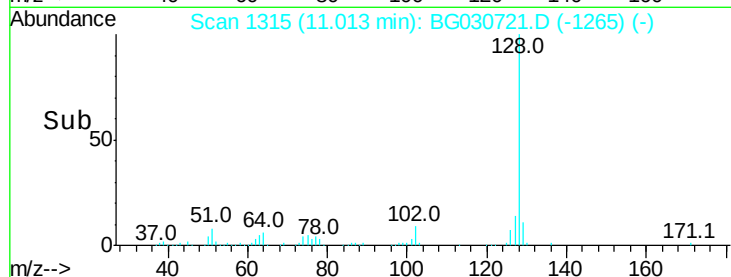
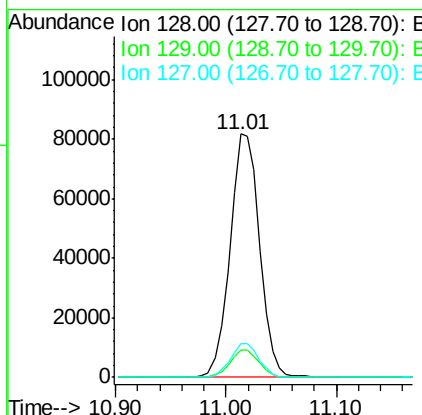
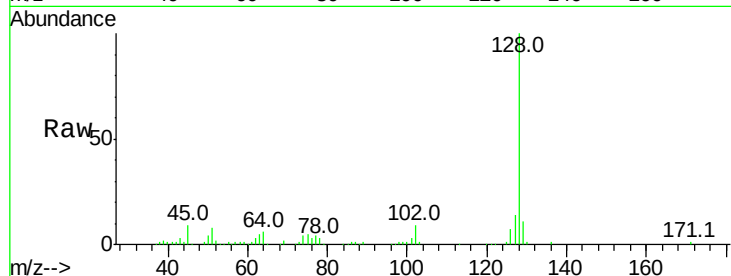




#31
Naphthalene
Concen: 10.047 ng
RT: 11.01 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BG030721.D
Acq: 4 Nov 2017 4:24

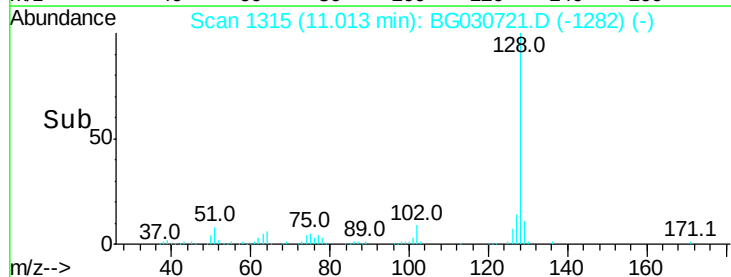
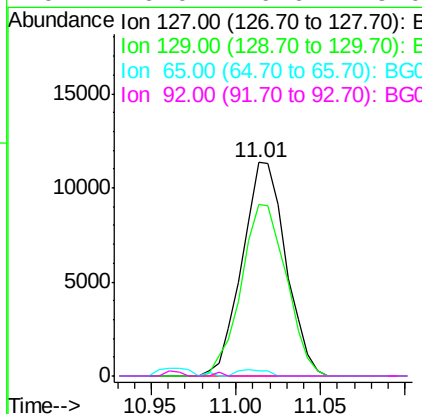
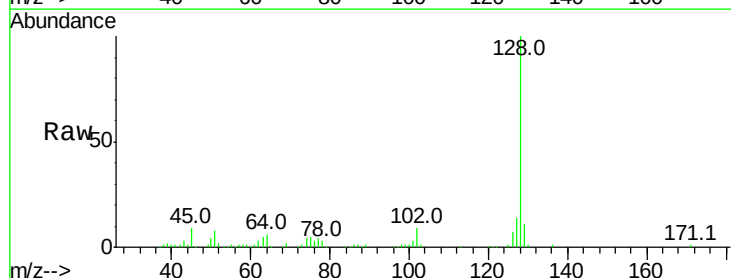
Instrument :
BNA_G
ClientSampled :

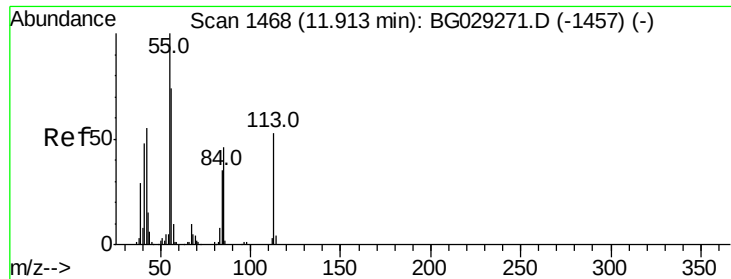
Tot Ion:128 Resp: 153278
Ion Ratio Lower Upper
128 100
129 11.2 8.6 12.8
127 13.9 11.6 17.4



#33
4-Chloroaniline
Concen: 3.193 ng
RT: 11.01 min Scan# 1315
Delta R.T. -0.11 min
Lab File: BG030721.D
Acq: 4 Nov 2017 4:24

Tgt Ion:127 Resp: 20489
Ion Ratio Lower Upper
127 100
129 80.5 24.0 36.0#
65 2.4 27.0 40.4#
92 0.0 16.6 25.0#





#35

Caprolactam

Concen: 37.108 ng

RT: 11.70 min Scan# 1432

Delta R.T. -0.19 min

Lab File: BG030721.D

Acq: 4 Nov 2017 4:24

Instrument :

BNA_G

ClientSampleId :

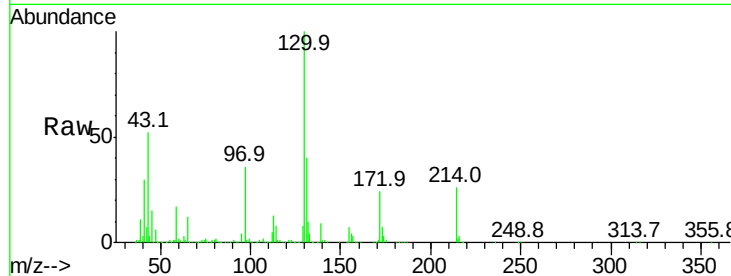
Tot Ion:113 Resp: 61591

Ion Ratio Lower Upper

113 100

55 3.9 186.9 226.9#

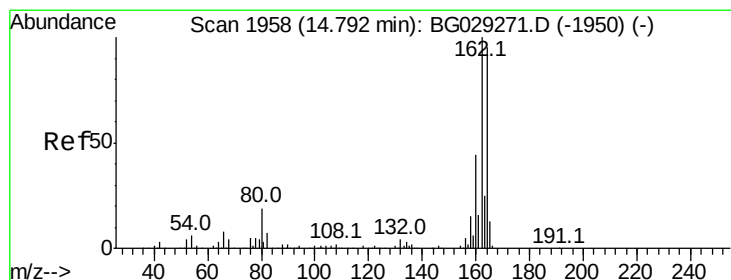
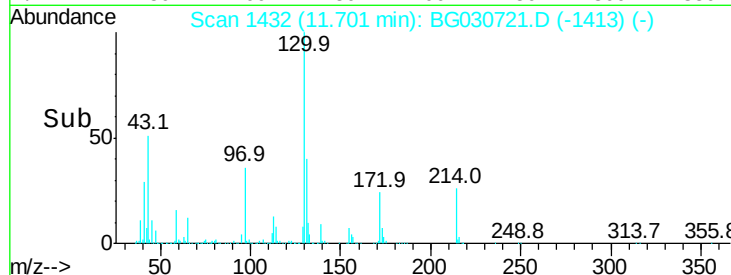
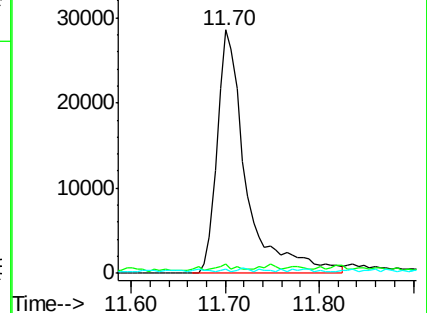
56 2.0 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1955

Delta R.T. -0.00 min

Lab File: BG030721.D

Acq: 4 Nov 2017 4:24

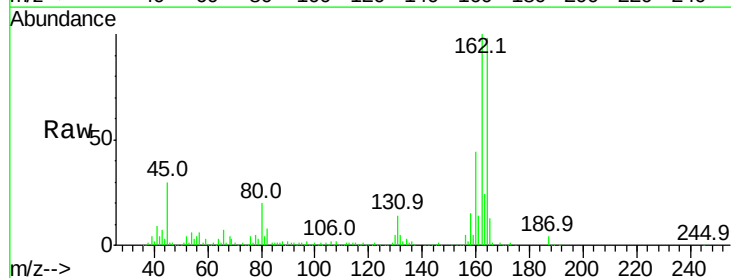
Tgt Ion:164 Resp: 196920

Ion Ratio Lower Upper

164 100

162 102.5 78.8 118.2

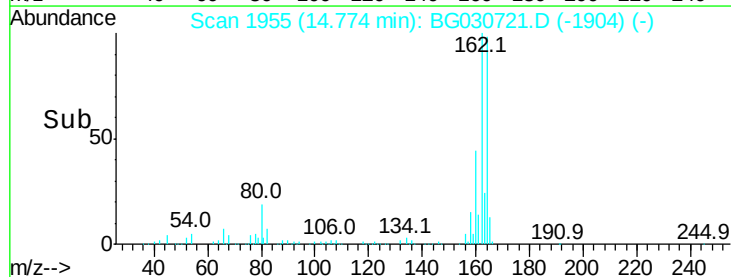
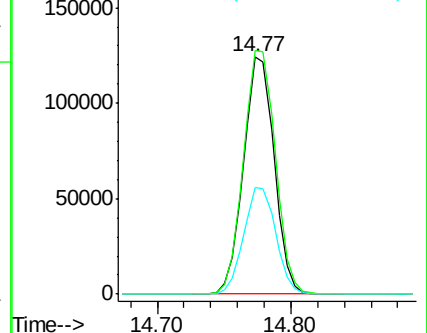
160 45.0 35.4 53.0

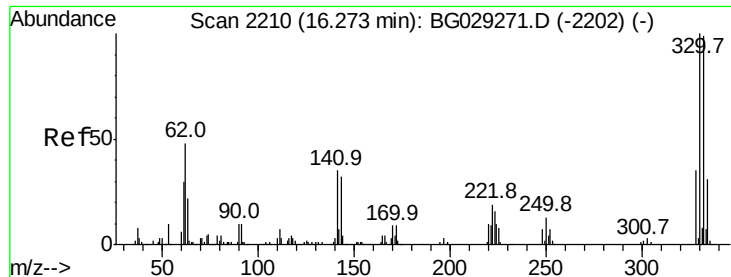


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

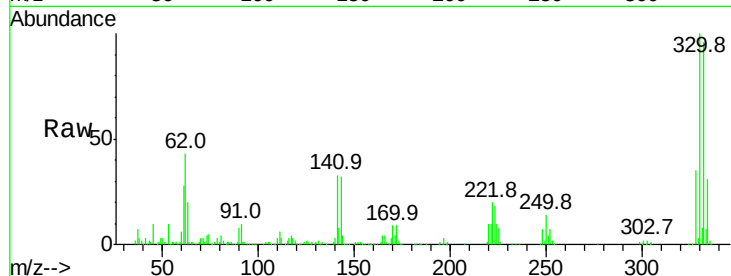




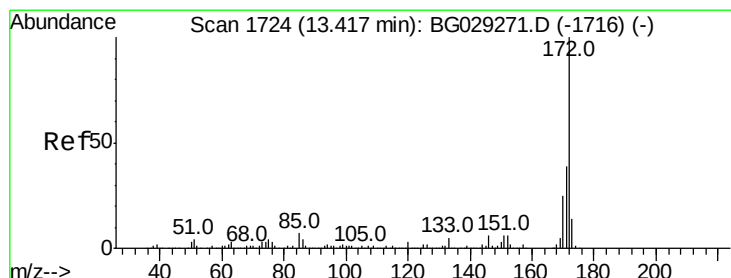
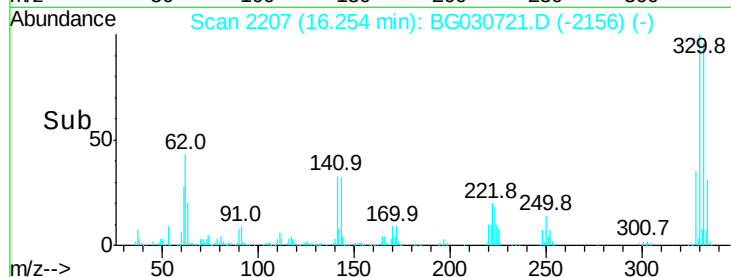
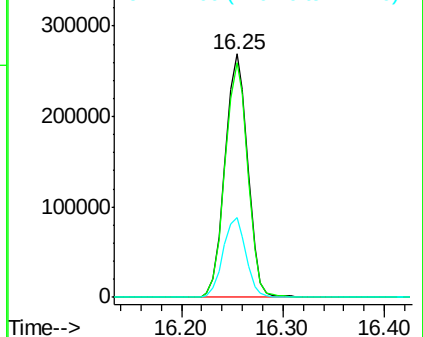
#41
 2,4,6-Tribromophenol
 Concen: 164.813 ng
 RT: 16.25 min Scan# 2207
 Delta R.T. -0.00 min
 Lab File: BG030721.D
 Acq: 4 Nov 2017 4:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	32.9	25.2	37.8

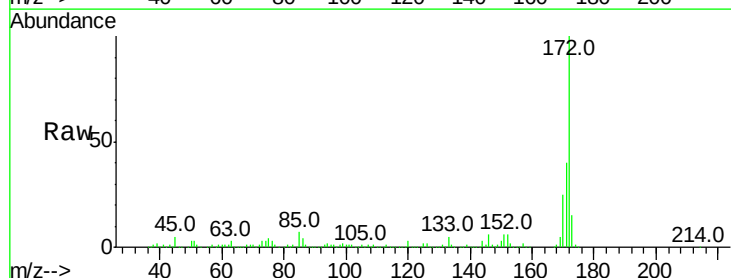


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

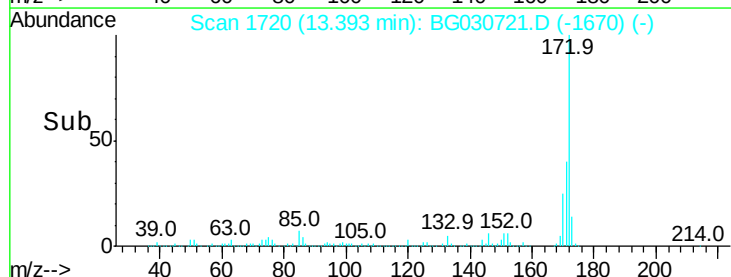
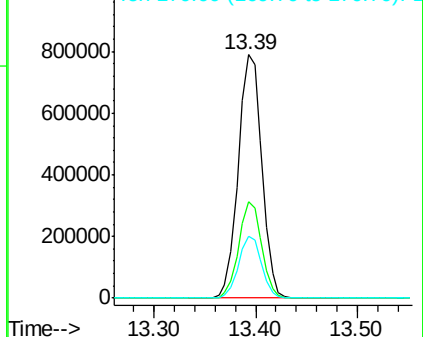


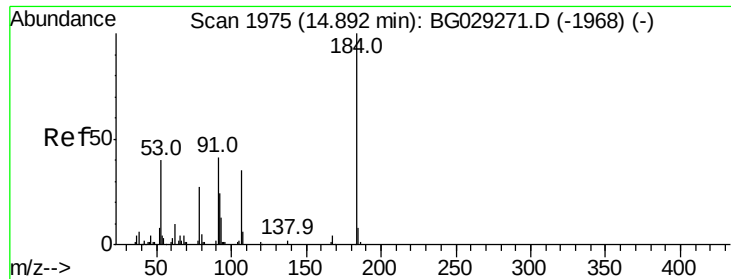
#44
 2-Fluorobiphenyl
 Concen: 94.683 ng
 RT: 13.39 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: BG030721.D
 Acq: 4 Nov 2017 4:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.7	30.0	45.0
170	25.4	19.5	29.3



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

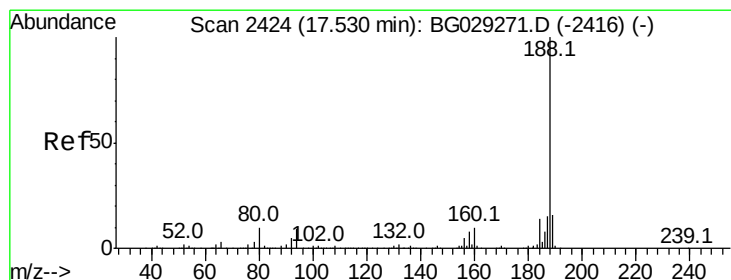
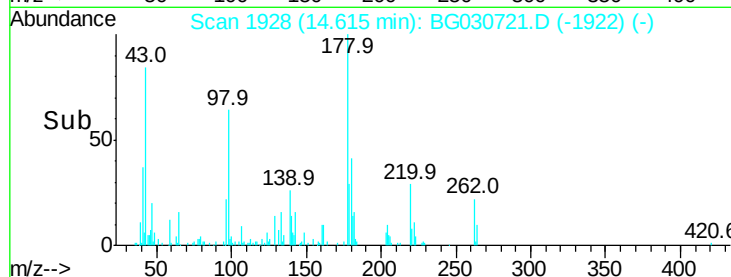
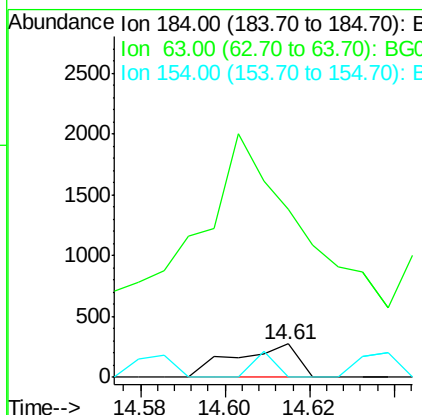
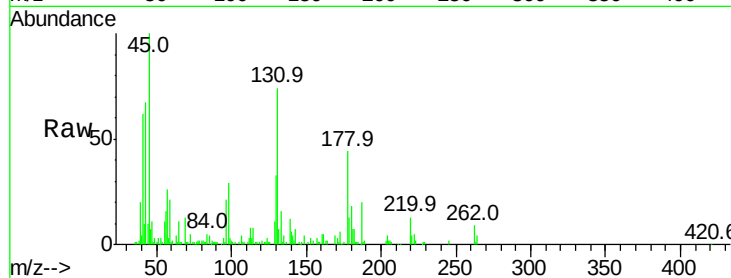




#53
2,4-Dinitrophenol
Concen: 6.778 ng
RT: 14.61 min Scan# 1928
Delta R.T. -0.27 min
Lab File: BG030721.D
Acq: 4 Nov 2017 4:24

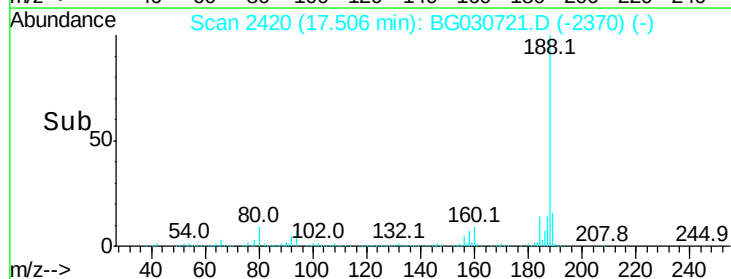
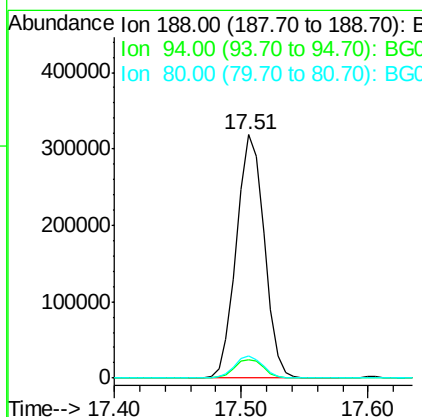
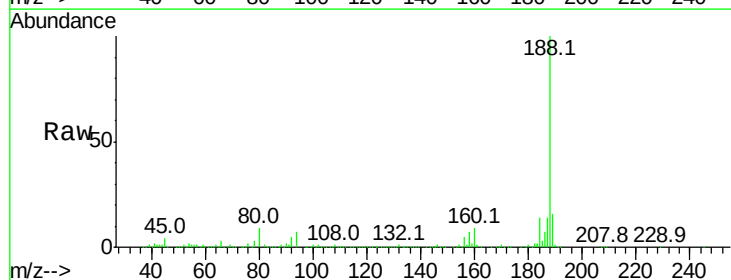
Instrument :
BNA_G
ClientSampled :

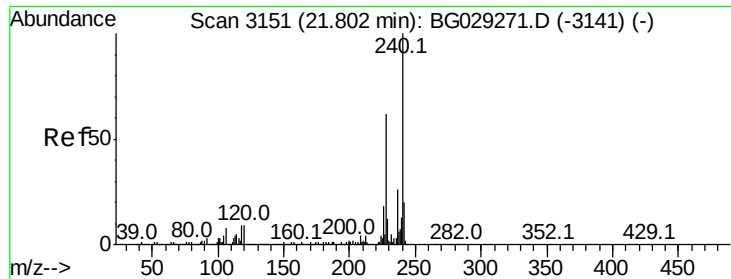
Tot Ion:184 Resp: 284
Ion Ratio Lower Upper
184 100
63 502.5 59.8 89.8#
154 0.0 101.8 152.8#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2420
Delta R.T. -0.01 min
Lab File: BG030721.D
Acq: 4 Nov 2017 4:24

Tgt Ion:188 Resp: 484829
Ion Ratio Lower Upper
188 100
94 7.3 6.9 10.3
80 8.9 7.7 11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.78 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG030721.D

Acq: 4 Nov 2017 4:24

Instrument :

BNA_G

ClientSampleId :

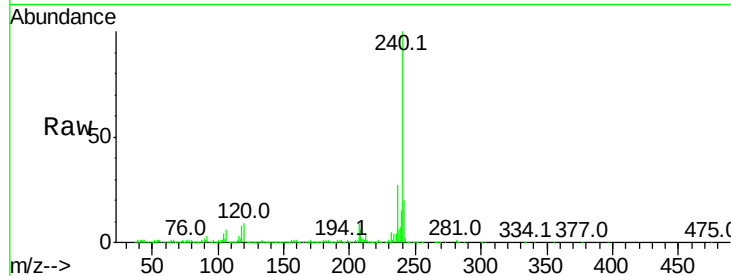
Tot Ion:240 Resp: 526024

Ion Ratio Lower Upper

240 100

120 8.5 6.8 10.2

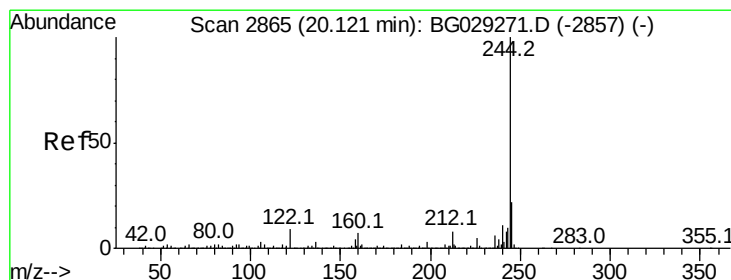
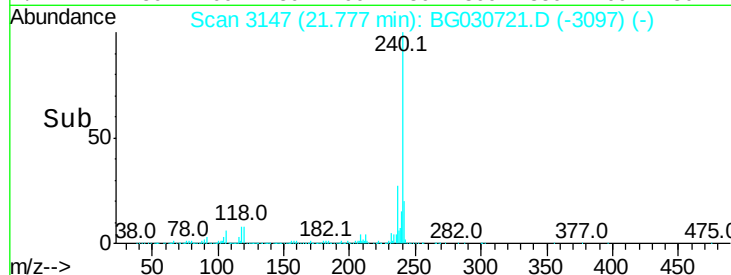
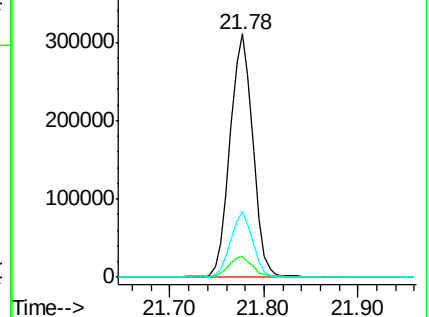
236 26.8 20.9 31.3



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: 88.735 ng

RT: 20.10 min Scan# 2861

Delta R.T. -0.00 min

Lab File: BG030721.D

Acq: 4 Nov 2017 4:24

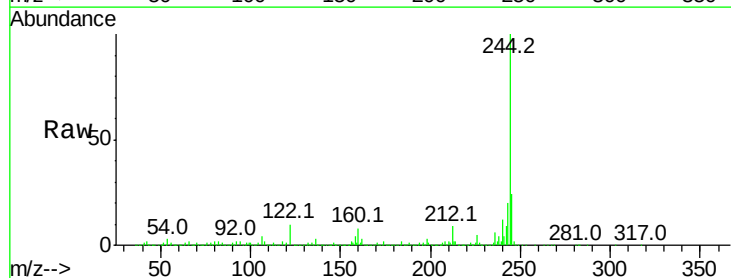
Tgt Ion:244 Resp: 2051776

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

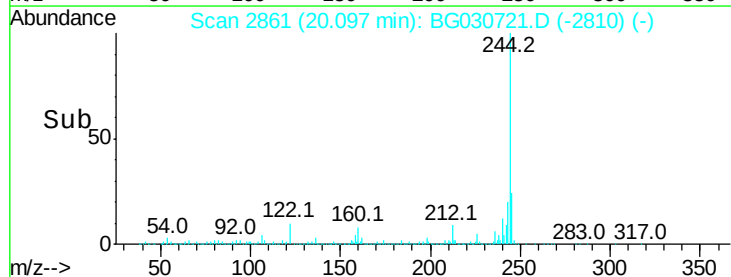
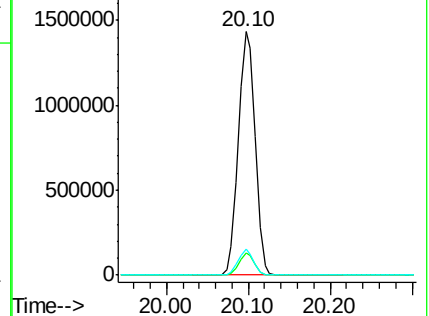
122 10.5 7.0 10.4#

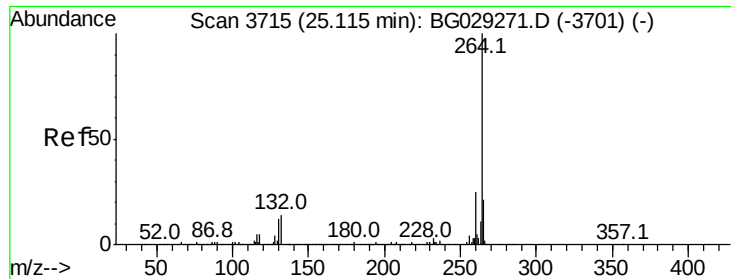


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3709
Delta R.T. -0.01 min
Lab File: BG030721.D
Acq: 4 Nov 2017 4:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	17.4	26.0
265	22.7	17.7	26.5

